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Armstrong *Nurseries*

ONTARIO, CALIFORNIA
1949

TALLYHO
1949 All-America Winner
See page 8



Four Salesyards to Serve You

You will find a complete supply of genuine Armstrong products only at our Southern California salesyards. Courteous skilled nurserymen will gladly advise you on what to plant, where, when, and how to plant it. With the exception of New Year's Day, Easter Sunday, Memorial Day, July 4th, Labor Day, Thanksgiving and Christmas Day, all yards are open every day including Sunday.

Please address all mail orders and correspondence to the Ontario office.



North Hollywood Salesyard

Ontario

35 miles east of Los Angeles,
near U. S. 99 and U. S. 66.
408 No. Euclid Ave.
Telephone: Ontario 627-61

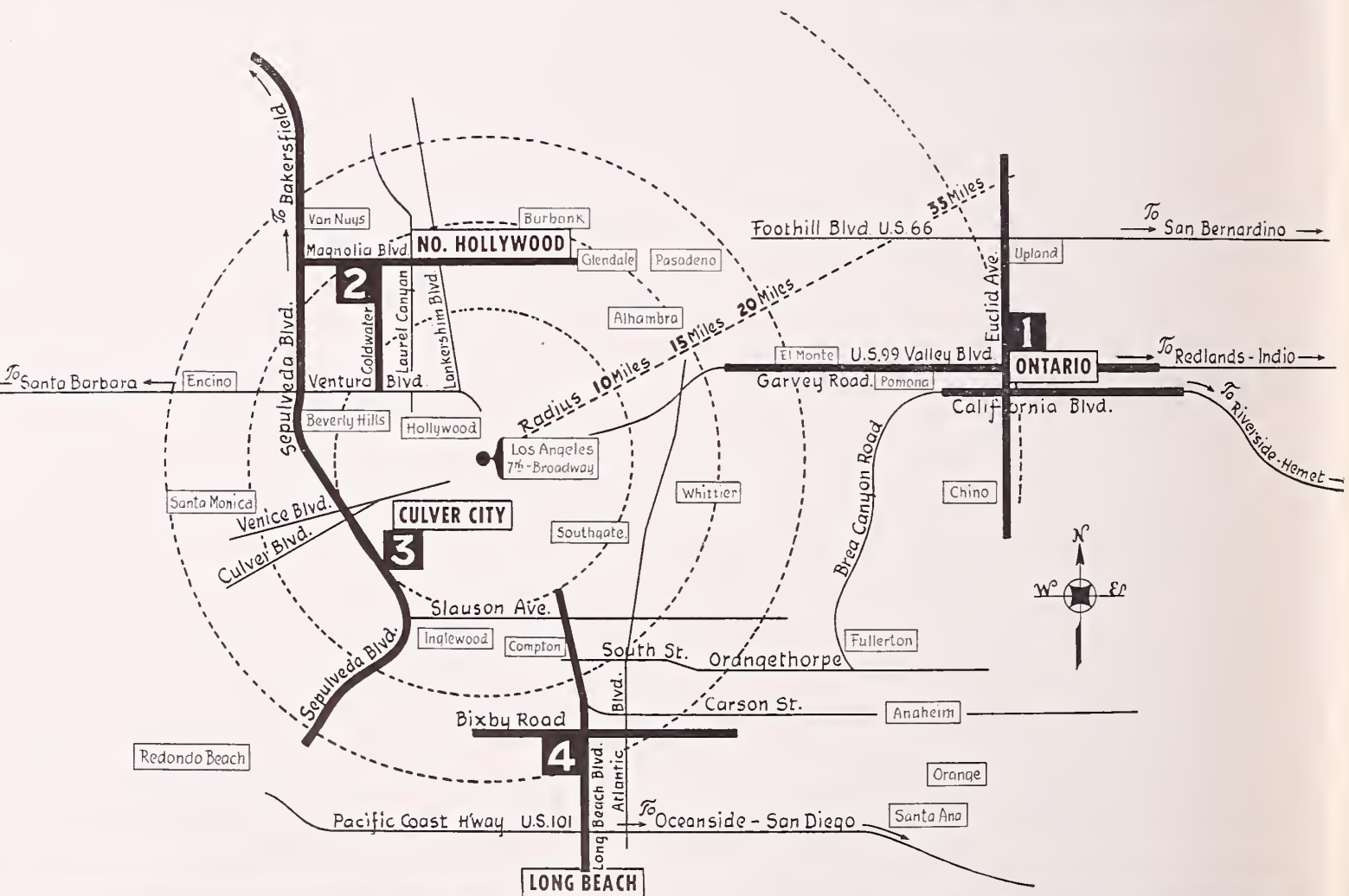


Home Office and Salesyard at Ontario

North Hollywood

At the corner of Magnolia Blvd.
and Coldwater Canyon Avenue.
Cash sales only. Free truck de-
livery to San Fernando Valley
points.

12908 Magnolia Blvd.
Telephones: STanley 72394
SUNset 11522



Culver City Salesyard

Culver City

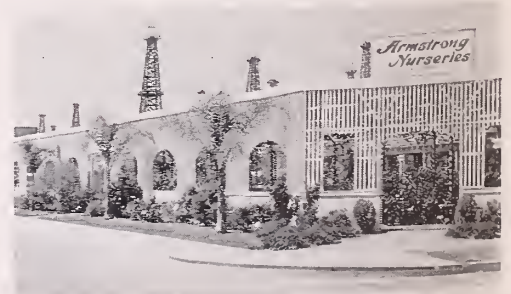
On Sepulveda Blvd. five blocks
south of Washington Blvd. Cash
only. Free truck delivery in im-
mediate vicinity.

4440 Sepulveda Blvd.
Telephone: VErmont 82-665

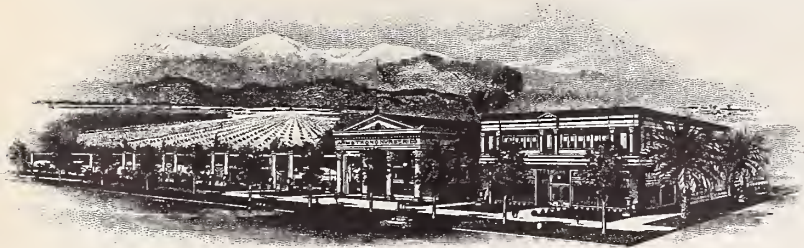
Long Beach

Cash sales only. Free truck de-
livery in immediate vicinity.

3759 Long Beach Blvd.
Telephone: Long Beach 45-118



Long Beach Salesyard



Armstrong Nurseries

Ontario, California

Dear Friend and Customer:

It is with pride that we send to you this 1949 Catalog, the largest and most comprehensive catalog ever published by the Armstrong Nurseries. You will find that it covers nearly all of your planting needs--hardy fruits, subtropical fruits, berries, grapes, lawn seed, and ornamental trees and plants of every type.

Our four Display Yards in Southern California will be greater show places than ever this year. A trained, fully informed staff to answer questions, convenient arrangement, and accurate plant labeling, will make your visit enjoyable. Mail orders from those of you who find it inconvenient to visit our salesyards or who live too far away, will receive our usual prompt mail order service. Your order will reach you at the right time, carefully packed.

Now, as in all of our 59 years of existence, the trees and plants that we offer you are the finest that can be grown. We never compromise with quality. We think that you want only the best, and that is why we keep our growing and grading standards high.

Adequate research and scientific plant breeding will improve plant varieties to an amazing degree. Here at Armstrong Nurseries, plant breeding is going on continuously, producing better varieties for Armstrong customers. The brilliant new All-America Rose Winners, Tallyho and Forty-niner, the Bagatelle Gold Medal Rose Winner, Applause, and the delicious, big, new Flamingo Peach--these are the latest proofs of the great success of our research program.

To all of our many old customers, we say, "Thank you", for your patronage. To our new friends, we give assurance that we intend to give you the kind of service that will keep you permanently on our customer rolls.

Sincerely,

John A. Armstrong

Wherever You Live — It is Easy to Get Armstrong Quality Products



For 59 years plants famous for their quality have been sent to pleased customers everywhere from our Ontario headquarters. If you live too far away to visit one of our salesyards, mail your order to us and we will ship it by the quickest and most economical means.

We grow for you, the planter, and very little of our stock is sold to other dealers. We have no agents, and you can get genuine Armstrong products only through our four Southern California salesyards or by mailing your order to Armstrong Nurseries at Ontario, California.

Member of the American Association of Nurserymen. Member of the California Association of Nurserymen.



Truck Deliveries

If you live within 60 miles of Ontario within the area bounded by Santa Monica, Canoga Park, and Saugus on the west, Banning on the east, and San Clemente on the south, and live near an easily accessible highway, we will gladly deliver any order amounting to \$2.50 or more right to your door by one of our covered trucks. The charge for this service is only 50c. Sometimes small orders which are light in weight can be delivered more rapidly and economically by mail or express so we reserve the right to determine the method of shipment.

To more distant points on main highways, such as San Diego, Santa Barbara, and Palm Springs, we deliver as often as we have full loads. The minimum delivery charge to such points is \$1.25 for orders weighing less than 200 pounds and 75c per hundred pounds additional on larger orders.

Orders placed in person at our North Hollywood salesyard will be delivered without charge to San Fernando Valley points. Orders placed in person at our Culver City salesyard will be delivered by truck without charge to Culver City, Beverly Hills, Westwood, Pacific Palisades, Santa Monica, Venice, Hermosa, Redondo, Torrance, Hawthorne, and Inglewood. Orders placed in person at our Long Beach salesyard will be delivered by truck without charge to Artesia, Bellflower, Hynes, Lynwood, Southgate, Compton, Torrance, Lomita, San Pedro, and Wilmington.

Bare Root Shipments Prepaid

We prepay the transportation costs on all orders consisting entirely of bare root plants to any point in the continental U. S. whether it be shipped by mail, express, or freight. There is no packing charge and you pay nothing for transportation.

Plants in Containers or Balled— Shipped Collect

All plant material in tins, pots, flats, or other containers with a ball of earth on the roots will be shipped by express or freight. A charge of 10% for packing will be made on all orders for material which must be shipped in soil, excepting Camellias. Under packing charges you will find data on how to compute the amount to include with your remittance to cover packing of material of this type. You pay the express man or freight delivery man for transportation when you get the goods. Do not send us the money for the express or freight charges. In order to help you in determining how much your order will weigh you will find the approximate shipping weight of most items given in this catalog.

Packing Charges

On mail, express, or freight shipments, we make a packing charge on all plants in tins, pots, or other containers and on balled ornamentals and fruit trees (citrus, avocados, sub-tropical fruits). Camellia plants are the only exception, they will be packed without charge. Figure the charge this way: Add together the cost of all of the plants in your order which are subject to a 10% packing charge and add 10% of that amount to cover the packing cost. Do not include bare root material such as deciduous fruit trees, roses, berries, grapes, deciduous trees and shrubs, or Camellias as they are all packed without charge. No packing charge on any kind of material is made when it is delivered by our own trucks.

Armstrong Nurseries will exercise care to have merchandise true to name. Provided it is expressly understood that this order is accepted on the condition precedent that it makes no warranty, express or implied, as to description, quality, productiveness, crops, or any other matter whatsoever; that its liability in every instance whatsoever is limited to the purchase price; that orders shall be void should delivery be prevented or injury befall the stock from flood, drought, frost, or other causes beyond its control and orders travel at risk of purchaser.

Terms

Cash with order. Send your personal check, post office money order, postal note, express or bank money order. No orders sent C. O. D. All California purchasers whose orders are being shipped to California points will please add the sales tax of 3%.

Prices Subject to Change

Unforeseen conditions may make it necessary for us to change the prices quoted in this catalog at any time and without notice. We reserve the right to make such changes where necessary. All quotations made by us prior to the issuance of this catalog are canceled. Orders are accepted subject to the stock being available at the time of delivery.

Inspection

We guarantee all shipments to pass inspection wherever shipped. In many California counties plants must be inspected upon arrival. Look for directions on inspection tag attached to order. For information concerning inspection telephone your local inspector or the office of your County Agricultural Commissioner.

Plant Losses

Our reputation depends upon the good results you have with Armstrong plants. We handle them carefully and make every effort to get them to you in excellent condition. Planting instructions based on our experience are included with every shipment. 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 is in any way unsatisfactory upon arrival. It is our desire to make a fair adjustment and help you get the best results possible.

Export Shipments

For many years we have specialized in exporting our products and there are now Armstrong plants successfully growing in many parts of the world. Our skilled staff is informed on all quarantine regulations and can tell you which plants can be shipped successfully. Hundreds of pleased customers abroad attest the fact that our packers know how to prepare plants properly for long distance shipments, and our export department is able to furnish all documents which are required for customs. Tell us what you want, the approximate number of the plants in which you are interested and we shall be glad to give you an estimate of costs. Please use airmail from abroad as it will enable us to answer your inquiries more promptly.

Acknowledgment of Orders

We send a written acknowledgment of all mail orders telling you approximately when the material will be shipped. Read your acknowledgment carefully. If you wish to order additional plants please send us a separate order. This will enable us to process each order more promptly.

Visit a Salesyard

You will find a lot of pleasure in selecting your own plants so if you can, visit your nearest Armstrong salesyard. You will always find a great display of unusual plants to look at and enjoy. Bring your planting problems too, our staff of trained nurserymen will be glad to help you. If it is impossible to visit us, order by mail—you will receive nothing but high quality Armstrong plants and we think you will find the prompt and courteous service to your liking.

Planting Guide - What & Where to Plant

Plants for Desert Areas

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 high altitude, check minimum temperatures given in each description. Page numbers given below.

Abelia grandiflora (42) Sun-Roses (51)
 African Boxwood (54) Syringas (75, 60)
 Arborvitae (67) Tea Tree (53)
 Arctotis (68) Tecate Cypress (66)
 Australian Bluebell Thyme (69)
 Creeper (56) Trinidad Flame Bush
 Australian Fuchsia (47) (44)

Trees

Aleppo Pine (67)
 Arizona Cypress (66)
 Ash (71)
 Bottle Tree (62)
 Carob (62)
 Cottonwood (72)
 Desert Willow (73)
 Elm (65, 72)
 Eucalyptus (63)
 European Sycamore (72)
 Hackberry (70)
 Italian Cypress (66)
 Olive Tree (100)
 Orchid Tree (62)
 Palms (65)
 Parkinsonia (64)
 Pepper Tree (65)
 Poplars (72)
 Umbrella (72)

Vines

Boston Ivy (60)
 Bougainvilleas (58)
 Carolina Jessamine (59)
 Catclaw Trumpet (59)
 Climbing Syringa (60)
 Evergreen Grape (58)
 Fig Vine (59)
 Flame Vine (61)
 Green-Gold Vine (60)
 Honeysuckles (60)
 Ivies (59)
 Jasmines (60, 53)
 Orange-Red Trumpet
 (58)
 Rosa de Montana (58)
 Roses, Climbing (30-32)
 Scarlet Woodbine (60)
 Silver Lace Vine (60)
 Star Jasmine (61)
 Syringa (75, 60)
 Wistaria (61)

Fragrant Plants

Azaleas (34, 35)
 Azara (43)
 Bechtel's Crab (71)
 Bouvardias (43)
 Buddleias (44)
 Calamondin (43)
 Carolina Jessamine (59)
 Ceanothus (45)
 Cassias (45)
 Chinese Lemon (94)
 Climbing Syringa (60)
 Daphnes (48)
 Day Lilies (69)
 Deciduous Magnolia
 (74)
 Escallonias (49)
 Evergreen Pear (55)
 Fragrant Corsage Vine
 (61)
 Gardenias (52)
 Ginger Lilies (51)
 Glorybower (47)

Heliotrope (69)
 Honey Coronilla (47)
 Honeysuckles (60)
 Lemon Verbena (54)
 Lilacs (45, 75)
 Mexican Orange (45)
 Natal Plum (100)
 Nepal Privet (53)
 Night Blooming
 Jessamine (45)
 Osmanthus (55)
 Passion Fruit (102)
 Pink Lemon (94)
 Pittosporums (55)
 Royal Trumpet (59)
 Roses, All Varieties
 (7-33)
 Silver Lace Vine (60)
 Spanish Jasmine (60)
 Star Jasmine (61)
 Vanilla Scented
 Trumpet Vine (59)
 Wintersweet (73)
 Wistarias (61)
 Yesterday, Today,
 Tomorrow (44)
 Viburnum (57, 75)

Fragrant Trees

Acacias (62)
 Flo. Crab Apples (71)
 Hymenoporus (64)
 Magnolias (64)

Plants for Shady Places

Abelias (42)
 African Boxwood (54)
 Agapanthus (42)
 Australian Bluebell
 Creeper (56)
 Australian Fuchsia (47)
 Azaleas (34, 35)
 Barberray (43)
 Bergenia cordifolia (43)
 Bird of Paradise (57)
 Boston Ivy (60)
 Boxwood (44)
 Callas (69)
 Cape Honeysuckle (61)
 Catalina Currant (52)
 Chinese Plumbago (45)
 Creeping Fig (59)
 Daphnes (48)
 Dianella (48)
 Dwarf Blue
 Ceratostigma (45)
 Eranthemum (49)
 Escallonia (49)
 Eugenias (49)
 Evergreen Pear (55)
 Fern Pine (67)
 Ferns (51)
 Fragrant Carpentaria
 (44)
 Fragrant Corsage
 Plant (61)
 Fuchsias (51)
 Gardenias (52)
 Ginger Lily (51)
 Glossy Leaved Creeper
 (58)
 Graber's Firethorn (55)
 Grand Duke Jasmine
 (55)
 Hemerocallis (69)
 Holly (52)
 Holly Malpighia (54)
 Hollyleaf Sweetpire
 (53)
 Hydrangea (52)
 Hypericum (53)

Iris Moraea (69)
 Ivy (59)
 Japanese Anemone (68)
 Junipers (66)
 Lilac (45, 75)
 Maidenhair Fern (51)
 Mexican Orange (45)
 Myrtle (54)
 Nandina (54)
 Night Blooming
 Jessamine (45)
 Oregon Grape (54)
 Osmanthus (55)
 Photinia (55)
 Pink Indian
 Hawthorn (56)
 Pittosporum (55)
 Plumbago (55, 45)
 Princess Flower (57)
 Privet (53)
 Reinwardtia indica (69)
 Rondeletia (56)
 Rose Glorybower (47)
 Serbian Bellflower (68)
 Shrimp Plant (43)
 Skyflower (48)
 Star Jasmine (61)
 Star Magnolia (74)
 Strawberry Tree (42)
 Syringa (75, 60)
 Terrestrial Orchid (68)
 Trumpet Vine
 (58, 59, 60)
 Viburnum (57, 75)
 Weigela (75)
 White Breath of
 Heaven (47)
 Wintersweet (73)
 Xylosma (57)
 Yesterday, Today,
 Tomorrow (44)
 Yew (67)

Seashore Plants

Australian Bluebell
 Creeper (56)
 Bougainvilleas (58)
 Brazil Skyflower (48)
 Cape Honeysuckle (61)
 Cup of Gold (61)
 Distictus (59)
 Escallonias (49)
 Eugenias (49)
 Flame Vine (61)
 Fragrant Corsage
 Plant (61)
 Geraniums (53)
 Hibiscus (50)
 Lantana (53)
 Lippia (54)
 Myrtle (54)
 Natal Plum (100)
 Night Blooming
 Jessamine (45)
 Oleanders (54)
 Orange Clock Vine (61)
 Pittosporum (55)
 Plumbago (55, 45)
 Pride of Madeira (48)
 Privets (53)
 Red Lantern (54)
 Rockrose (46)
 Rosemary (56)
 Scarlet Bottle Brush
 (44)
 Silverberry (49)
 Sky Flower (61)
 Sun Roses (51)
 Tea Trees (53)
 Trumpet Vines
 (58, 59, 60)

Winter Flowering

Azaleas (34, 35)
 Australian Fuchsias
 (47)
 Bird of Paradise (57)
 Blue and Gold Daisy
 (68)
 Blue Winter
 Eranthemum (49)
 Bougainvilleas (58)
 Bouvardias (43)
 Breath of Heaven (47)
 Cape Honeysuckle (61)
 Cape Plumbago (55)
 Chinese Hat Plant (51)
 Cymbidiums (48)
 Daphnes (48)
 Dwarf Roses (27)
 Everblooming Daisy
 (68)
 Feathery Cassia (45)
 Flame Pea (45)
 Flame Vine (61)
 Flo. Crab Apple (71)
 Flowering Quince (73)
 Geraldton Wax Flower
 (46)
 Geraniums (53)
 Golden Wonder (45)
 Hardenbergia (60)
 Hardy Yellow Trumpet
 (57)
 Heather (49)
 Hibiscus (50)
 Hollyleaf Sweetpire
 (53)
 Honey Coronilla (47)
 Korean Spice
 Viburnum (75)
 Lantanas (53)
 Magnolias (74)
 Mexican Mallow (57)
 Oleanders (54)
 Orange Clock Vine (61)
 Osmanthus (55)
 Pelargoniums (53)
 Poinsettias (49)
 Princess Flower (57)
 Red Flo. Maple (42)
 Red Lantern Plant (54)
 Reinwardtia (69)
 Royal Trumpet (59)
 Salvia (69)
 San Clemente
 Snapdragon (51)
 Shrimp Plant (43)
 Skyflower (48)
 South African Daisy
 Bush (50)
 Star Magnolia (74)
 Streptosolen (57)
 Tea Tree (53)
 Trailing Lantana (53)
 Trumpet Vine
 (58, 59, 60)
 Weigela (75)
 Wintersweet (73)
 Yesterday, Today,
 Tomorrow (44)

For the Mountains and Colder Areas

(Minimum temperatures given in descriptions.)
 Abelias (42)
 Arborvitae (67)
 Babywhite Calla (69)
 Barberries (43)
 Beautybush (73)
 Blue Chaste (75)
 Blue Lawson Cypress
 (67)
 Boston Ivy (60)
 Bridal Wreath (75)
 Buckthorn (56)
 California Holly (55)
 Ceanothus (45)
 Chinese Photinias (55)
 Chinese Plumbagos (45)
 Clematis (59)
 Coffeeferry (56)
 Cotoneasters (47)
 Day Lilies (69)
 Dwarf Blue
 Ceratostigma (45)
 Dwarf Roses (27)
 Evergreen Pear (55)
 Ferns (51)
 Flowering Crab Apple
 (71)
 Flowering Quince (73)
 Hall's Honeysuckle (60)
 Hollies (52)
 Holly Leaf Cherry (55)
 Hydrangeas (52)
 Hypericums (53)
 Italian Cypress (66)
 Japanese Anemone (68)
 Junipers (66)
 Korean Boxwood (44)
 Lilacs (45, 75)
 Manchu Cherry (75)
 Old Fashioned
 Lavender (53)
 Orange-Red Trumpet
 Creeper (58)
 Oregon Grape (54)
 Perennial Sunflower
 (68)
 Phlox (69)
 Privets (53)
 Pyracanthas (55)
 Roses, Climbing (30-32)
 Serbian Bellflower (68)
 Shasta Daisy (69)
 Silver Lace Vine (60)
 Purple Spot Mock
 Orange (74)
 Star Magnolia (74)
 Strawberry Madrone
 (42)
 Sugar Bush (56)
 Tea's Weeping
 Mulberry (72)
 Viburnums (57, 75)
 Weigelas (75)
 Wistarias (61)
 Wintersweet (73)

Fruiting Ornamentals

Avocados (96-98)
 Calamondin (93)
 Cherimoya (101)
 Kumquat (93)
 Loquat (101)
 Manchu Bush Cherry
 (75)
 Meyer Lemon (94)
 Mulberries (72)
 Natal Plum (100)
 Olives (100)
 Passion Fruit (102)
 Pineapple Guava (99)
 Pomegranate (78)
 Queensland Nut (102)
 Rose-Apple (101)
 Strawberry Guava (99)

Planting Distances

Variety	Ft. Apart
Oranges, Lemons	18 to 25
Avocados	25 to 35
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 to 8
Raspberries	3 by 5
Strawberries	1½ by 3
Eucalyptus for Windbreak	4 to 8

Number Plants to 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
30 feet by 30 feet	48
40 feet by 40 feet	27
50 feet by 50 feet	17

Best Time to Plant in California

Deciduous trees and shrubs—January to April.
 Evergreen trees and shrubs—Anytime.
 Roses (dormant)—January to April.
 Roses (containers)—April to December.
 Palms, Vines, etc.—Anytime.
 Citrus and Sub-tropicals—January to June.
 Avocado trees—November to May.
 Berry plants—January to April.
 Deciduous fruit trees—January to April.

Armstrong Garden Supplies

Grass Seed

When you purchase Armstrong Grass Seed, you are making the very best kind of a start toward a perfect lawn. Seeds vary greatly in grade, in percentage of germination, in freedom from weed seed, and many other factors. We carry only the top grade of grass seed. You can find none better.

Prices quoted here are subject to change without notice. Write for prices on larger quantities.

Armstrong's Sunny Lawn Mixture The very finest lawn mixture for lawns which receive plenty of sunshine. Largely the best grades of Blue Grass and Clover, with several other species which help to make up a perfect lawn. One pound plants 200 square feet.

\$1.60 per lb.; 3 lbs. for \$4.20; 10 lbs. for \$13.00

Armstrong's Shady Lawn Mixture A special mixture of various grasses for places largely shaded. Will provide luxuriant lawn under trees or similar locations where growing a good lawn is sometimes difficult. One pound to 150 square feet.

\$1.60 per lb.; 3 lbs. for \$4.20; 10 lbs. for \$13.00

Kentucky Blue Grass The basis for the best California lawns. There are a number of grades of Blue Grass, but ours is the best obtainable. One pound plants 150 square feet.

\$1.70 per lb.; 3 lbs. for \$4.50; 10 lbs. for \$13.95

White Clover Makes a brilliant green lawn by itself, but is more often planted with Blue Grass. Gives quick results, and is fine for winter sowing in Bermuda Grass. One pound plants 200 square feet.

\$1.50 per lb.; 3 lbs. for \$3.95; 10 lbs. for \$12.25

Astoria Bent Makes the most luxuriant velvety green lawns in California, but takes extra care in watering and mowing. Good in shade. One pound plants 300 square feet.

\$2.20 per lb.; 3 lbs. for \$5.80; 10 lbs. for \$17.85

Perennial Rye A hardy fast growing lawn for hot dry climates. One of the few kinds which does well on the desert. Sun or shade. One pound to 100 square feet.

35c per lb.; 3 lbs. for \$1.00; 10 lbs. for \$3.05

Red Top Useful for a quick durable turf.

\$1.40 per lb.; 3 lbs. for \$3.70; 10 lbs. for \$11.40

Bermuda For hot dry locations and poor soil where other grasses will not thrive. One pound to 200 square feet.

\$1.65 per lb.; 3 lbs. for \$4.40; 10 lbs. for \$13.60

Peat Moss

In most Southern California soils better results will be realized if newly planted trees, shrubs and roses are put out in soil to which a generous quantity of peat moss has been added. You will get much quicker and more satisfactory results because peat moss is a perfect soil conditioner. Not only does it tend to bring our alkaline soil more into balance but the soft spongy peat opens the heavy soils and adds body to light soils. Mix it liberally with your planting soil and be sure to wet it thoroughly when mixing. The moisture-holding capacity of peat moss will pay for more than its cost. Buy it by the bale and you'll have it when needed. Large bales, \$6.00 each; one-half bale, \$3.50 each.

Garden Fertilizers

Vigoro An all-purpose lawn and garden fertilizer which supplies all the food elements needed by lawns, flowers, vegetables, shrubs and trees. A liberal application 3 or 4 times a year provides a continuous balanced diet for proper growth and the production of fruit. 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.75; 100 lbs., \$5.00.

Steer Fertilizer The old-fashioned method always got results and still does. It holds the moisture and adds that "something" which no other plant food does. Per sack, 80c.

Bandini Acid Food For acid-loving plants, such as Azaleas, Camellias, etc. An occasional application will supply not only food for these plants but will help to keep the soil acid and to their liking. 5 lbs., 45c; 10 lbs., 85c.

Ground Covers

Leafy ground covers are easily cared for, require no mowing, and are often better than lawn for many places. You will find kinds here that do well under trees, in sunny or shady spots, and under varying climatic conditions.

Flats 18 inches square will usually plant about 200 square feet (flats weigh 50 lbs. each packed for shipment).

Ajuga reptans A neat, uniform carpet of shiny deep green foliage all year. In spring and summer it sends up a myriad of dainty little bugle-like flowers. Shade and plenty of moisture. 4835—flat, \$6.00.

Dichondra repens A creeping ground cover which fills in rapidly and soon becomes a perfect solid green clover-like turf, resistant to weeds and requires no mowing or renovating. Use it in place of a lawn anywhere in sun or semi-shade.

5382—\$1.75 per flat; \$1.50 per 10 or more; \$1.30 per 20 or more.

Euonymus fortunei radicans "A Winter Creeper." A dense flat mat of large, deep green foliage, turning bright red in the winter but never dropping. Stands desert heat and will grow in any soil. Sun or shade. 0°.

5507—flat, \$7.50.

Fragaria chiloensis "Chilean Strawberry." A vigorous and luxuriant ground cover with handsome glossy leaves and small edible strawberries. Best for sunny locations. 5°.

5622—flat, \$7.50.

Hedera helix All of the Ivies described in the vine section on page 59 may be used as ground covers, but one of the most satisfactory is Hedera helix or English Ivy. It is at home in sun or shade and will stand more cold than any other variety. 10°.

5747—flat, \$6.00.

Helxine soleioli Tiny round bright green leaves in a dense carpet. For moist shady places only. 15°.

5762—flat, \$6.00.

Hypericum calycinum Throughout the year the foliage is a solid rich dark green. Lovely 2 to 3-inch golden flowers are borne in profusion during the summer. Full sun or part shade. 10°.

5847—flat, \$6.00.

Lantana sellowiana "Trailing Lantana." Good looking foliage and clouds of lavender blooms throughout most of the year. Fine for sunny banks or rock walls. 22°.

3427—flat, \$6.00.

Lippia canescens A fast growing ground cover which soon makes a dense turf. Thrives in hot locations, poor soil; requires little water and will stand much abuse. 5°.

6022—flat, \$6.00.

Lonicera japonica halliana "Hall's Honeysuckle." Makes a good rapid-growing ground cover anywhere in sun or shade, in any soil. See page 60. Plant 2 feet apart. Zero.

6047—flat, \$7.50.

Protect Your Trees

Paper Tree Protectors All young 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. Use 30-inch for Walnuts and Pecans; 24-inch for Peaches, Apples, Apricots, and other deciduous trees, and 18-inch for Citrus, Avocados, and Figs.

	Each	Per 100	Per 1000
30-in.	\$0.06	\$4.00	\$32.50
24-in.05	3.50	27.50
18-in.05	3.00	22.50

Tree White An excellent preparation for painting tree trunks to prevent sunburn. Simply mix the powder with water to the desired consistency. 1-lb. package, 30c; 5-lb. package, 85c.

Pest Control

We carry a full supply of pest control materials for trees and plants at each of our four salesyards. Take your pest control problems to any yard and our salesmen will tell you what to use for best results.



Bagatelle Winner

APPLAUSE

RÉPUBLIQUE FRANÇAISE
VILLE DE PARIS



*Le Jury du Concours des Roses Nouvelles de Bagatelle
estime que la Rose "Applause"*

Here is the rose that thousands of rose enthusiasts have been waiting for—the winner of the first post-war Gold Medal at Bagatelle Gardens in Paris, France. The Armstrong Nurseries is deeply honored in having one of its seedlings win this most famous of all international rose competitions.

The many-petaled blooms of Applause are a dazzling light red in the ovoid bud, becoming a lighter shade in the full open flower. In all stages the color is rich and pleasing. The buds and flowers are exceedingly large in the spring becoming smaller in the late summer (40 petals). The flowers of Applause are pleasantly fragrant so that the perfume is readily apparent as you stand near the bushes. The vigorous plant will be a little above medium height in the garden, will have twice as many branches as most other kinds and twice as many flowers. You'll like its compact bushy habit. The large leathery leaves are quite resistant to mildew. Originated in the Armstrong Research Dept. by H. C. Swim. Plant Pat. App. for.

\$2.50 each, 3 for \$6.30, 10 for \$21.00

THE ONLY 1949

All-America Rose Winners

HONORS TO ARMSTRONG

The highest honors in the rose world have again come to Armstrong Nurseries. Tallyho and Forty-niner, the only two new roses to be given the coveted All-America Award for 1949, are both Armstrong Roses, originated in the Research Department of Armstrong Nurseries. Tallyho and Forty-niner are both descendants of that great earlier All-America Rose Winner, Charlotte Armstrong and have many of the same sterling qualities.

NOW THE LEADER

Now that Tallyho and Forty-niner have won the only All-America Rose Awards for 1949, Armstrong Roses have won more All-America Awards than those of any other plant breeder. Another Armstrong Rose, Applause, has won the most important of all international rose contests and taken the Bagatelle Gold Medal in Paris.

These top honors substantiate our belief that the finest new roses produced in the world today are coming from our plant breeding establishment. And on their way to you over the next several years are even finer and more unusual roses.

1949 AARS WINNER

TALLYHO



Tallyho is a new Hybrid Tea Rose, combining many of the finest characteristics found in the best of the older roses, with a color which is entirely new. Pinned down to one word, we would probably have to call its color pink, but you will find it unlike any other pink shade that you have ever seen in roses, and the buds, before they unfold, appear in a most unusual shade of red. Tallyho is a bi-color, but the contrast is not great. The color on the inside of the petals is always a delightful shade of pink, such as Tyrian Rose, China Rose, Phlox Pink, or Neyron Rose, and the outside of the petals varies from Crimson to Cardinal Red. These color terms mean little, and when you first see the rose you will understand why it is so difficult to describe. The flowers have a delightful spicy fragrance.

The buds are ovoid in shape, opening to flowers which are quite double, with a few more petals than those of Charlotte Armstrong. The long-stemmed blooms open slowly and last exceedingly well when cut because they have such heavy substance. While the buds are not large, the flowers are usually very large when fully open.

The robust growth of the plant is one of the finest characteristics of Tallyho. It is continually branching and throwing out long straight flower stems with a beautiful bud at the top. The plants will be among the largest in the rose garden. Here on the Pacific Coast Tallyho is a magnificent rose. It has done uniformly well along the Atlantic seaboard, and fine reports have come to us from points all the way from Minnesota to Alabama. Rose testers reporting in the annual "Proof of the Pudding" in the 1948 American Rose Annual give Tallyho a perfect score of 10, with not one unfavorable vote. It was the only rose to attain such a record.

The unique and beautiful color, beautiful form in the open bloom, and rich spicy fragrance promises to make Tallyho an outstanding rose all over the country. Originated in the Armstrong Research Dept. by H. C. Swim. Plant Pat. App. for.

\$2.50 each, 3 for \$6.30, 10 for \$21.00

A. A. R. S Means ~



America's Finest Roses

AARS stands for All-America Rose Selections, a national non-profit organization set up to scientifically test all new roses and to select the best of each year's introductions for national awards. All entries are planted for official test in eighteen carefully selected All-America trial gardens, scattered throughout America, and representing each important rose growing climate and location. Eighteen of the most capable rose judges in this country score these new roses for a two-year period on a uniform point basis. At the end of each testing period the scores are totaled and the top scoring rose or roses are then given All-America Awards. Any new rose origination from any country or from any entrant is eligible to compete. The final awards are strictly impartial and are based entirely on the merits of the roses in competition. You can be sure that any AARS Winner (designated in this catalog by the AARS map insignia) is a good rose because it has come out on top after a scientific nationwide competitive test.

1949 AARS WINNER

FORTY-NINER



Forty-niner is probably the most brilliantly hued bi-colored rose ever introduced. In our research plots its spectacular blooms always stopped every visitor short, because they could hardly believe that such startlingly brilliant contrasting colors could be present in a rose. Evidently it stopped the All-America judges also because they scored it so high that it could not miss getting an All-America Award. The inside face of the petals is a vivid Orient Red, changing to Cherry Red with age. The outside of the petals is a rich Chrome Yellow, sometimes overlaid with pink, changing to Straw Yellow in the open bloom. This yellow color is most evident in the bud, while the red color dominates the flower when it is fully open. These glowing shades contrast vividly yet blend together beautifully. The buds of Forty-niner are delightfully formed, opening out into well shaped flowers of large size (25 to 40 petals). They are mildly and pleasantly fragrant. The vigorous plant is tall and upright, branching moderately. The stems are long, straight, and sturdy, with few thorns. The vivid colors are lasting and brilliant until the last petal drops. Originated in the Research Dept. of Armstrong Nurseries by H. C. Swim. Plant Pat. No. 792.

\$2.50 each, 3 for \$6.30, 10 for \$21.00.



Armstrong Roses For 1949

Bare root Armstrong rose plants are available for planting from January 1 to May 15. In California, along the Pacific Coast, and in the Southern States they should be planted as soon after January 1 as possible. However, if you live in colder climates or are delayed in ordering, our cold storage facilities will insure your plants reaching you in perfect condition in April or May. Through the late spring, summer, and fall many of these roses are available as blooming plants in 5-gal. containers at slightly increased prices. It is not practical to ship these plants; therefore, they are obtainable only at our four Southern California Salesyards.

They Grow Anywhere

Planters all over America are finding that Armstrong California-grown rose bushes give them the best results under most of the soil and climatic conditions found in this country. Fifty-nine years of accumulated rose-growing skill and the favorable Southern California climate make an unbeatable combination for producing the big, husky, free-blooming plants famous everywhere for their quality.

Everblooming Roses

Without exception the bush roses listed in our catalog are of the so-called everblooming kinds. Both the Hybrid Teas and the Floribundas bloom continuously throughout the growing season. Seldom a day will pass in the late spring, summer, or fall when you cannot cut buds and flowers from these kinds.

We Pay Shipping Costs

Shipments of bare root roses by mail, express, or freight to any point in the States are sent at our expense. You pay nothing in addition to the catalog price of the roses you order except the sales tax of 3% on shipments to California points. We reserve the right to choose the method of shipment.

Quantity Rates

You can save substantially by ordering three or more roses of one variety. Similar savings are realized when you purchase our Big 10, All-Armstrong Five, or All-America Collection.

Taffeta

1948 AARS WINNER



Taffeta is outstanding for its ability to produce many long-stemmed, perfectly formed, fragrant buds in the rich pink and salmon tones which almost everyone likes. Along with the lovely changeable coloring goes a perfect slender bud form and frilled, delicately veined petals. The medium to large bud opens to a semi-double flower with about 21 crisp petals and a very pronounced fragrance. A perfect rose for the bud vase.

Vigorous and upright, larger than average in size, the plant is moderately bushy, with huge, glossy, dark green leaves, enhanced by the rich mahogany-red color of the new growth which is a pronounced characteristic of the variety. Taffeta has done wonderfully well in all sections of the country—Pacific Coast, Middle West, East Coast, and South. Originated in the Armstrong Research Dept. by W. E. Lammerts. Plant Pat. No. 716.

\$2.00 each, 3 for \$5.10, 10 for \$17.00.

Magic in Color

Taffeta displays dozens of lovely color combinations throughout the season, and it is difficult to name any one color which is typical of the variety because it is so changeable. At times it may be described as rose-pink, salmon, or apricot, but the predominant color is usually a rich Carmine Rose in the bud, changing to Begonia Rose in the open flower.

1948 AARS WINNER



This fine red rose was launched on its career a year ago, having won an All-America Award for 1948. It has one of the longest, most perfect, streamlined buds of any red rose. The color is bright Cardinal Red, with intriguing darker shadings of Chrysanthemum Crimson, these deep dark shades being emphasized in cool weather. In hot weather the color becomes somewhat lighter and brighter. The large petals have good substance, are richly textured, and there are plenty of them so that the flower lasts a long time. The blooms are pleasantly fragrant, although falling far short of the famous Mirandy in this respect.

The vigorous plant of Nocturne will quickly grow into a big sturdy bush, larger than medium size. The stems are long, the foliage large and luxuriant. Nocturne has done well in almost all rose growing climates throughout this country. Like most deep red roses, it is not as successful in the cool moist areas of the northern Pacific Coast as it is in warmer summer climates. There is no question in our minds but that Nocturne is one of the best three or four red roses in the country today. Originated in the Armstrong Research Dept. by H. C. Swim. Plant Pat. No. 713.

\$2.00 each, 3 for \$5.10, 10 for \$17.00.



What They Say

From Pennsylvania, "Nocturne has been superb, with magnificent foliage, stems, and blooms. There hasn't been a day since the first of June when I could not show off a bud or bloom, and usually many of them at a time."

From Arizona, "I thought Nocturne would burn this summer as we had temperatures over 100° except for about ten days, but it did not burn. A good rose!"

From Los Angeles, "This beautiful, fragrant, dark red rose is good all summer in my garden."



1948 AARS WINNER

Pinkie

*The
Perfect
Baby Rose*



Pinkie has more downright charm, dainty beauty, and artistic appeal than any rose that we grow. It is a new and entirely different Floribunda type. The bushy little plants, 15 to 20 inches high, carry throughout the entire blooming season—spring, summer, and fall—a great profusion of little slender pink buds with a perfection of form never seen in Floribundas before. The buds open to fully double flowers about 2 inches across. The light green glossy foliage forms a perfect background for the large rounded clusters of spicily fragrant little blooms.

Pinkie is outstanding in two ways. The perfect little buds in each cluster come on an individual stem, long enough to cut for a small vase or corsage and you can cut innumerable bouquets of the exquisite buds during the season. Second, because it stays low, compact, and is a mass of soft pink color nearly all the time, it is perfectly adapted for use as a low border. It blooms so continuously and in such a delightful mass of soft pink color that it makes a wonderful show when used for this purpose. The old flower petals drop off cleanly so that it is never unsightly. Plant Pinkie as a single plant or in groups of several in the foreground of a shrub border, in a row along the driveway, or if you plant it in the regular rose bed, put it in the front row. Originated in the Armstrong Research Dept. by H. C. Swim. Plant Pat. No. 712.

\$1.50 each, 3 for \$3.75, 10 for \$12.50, 25 for \$28.75.

1948 REGIONAL AARS WINNER

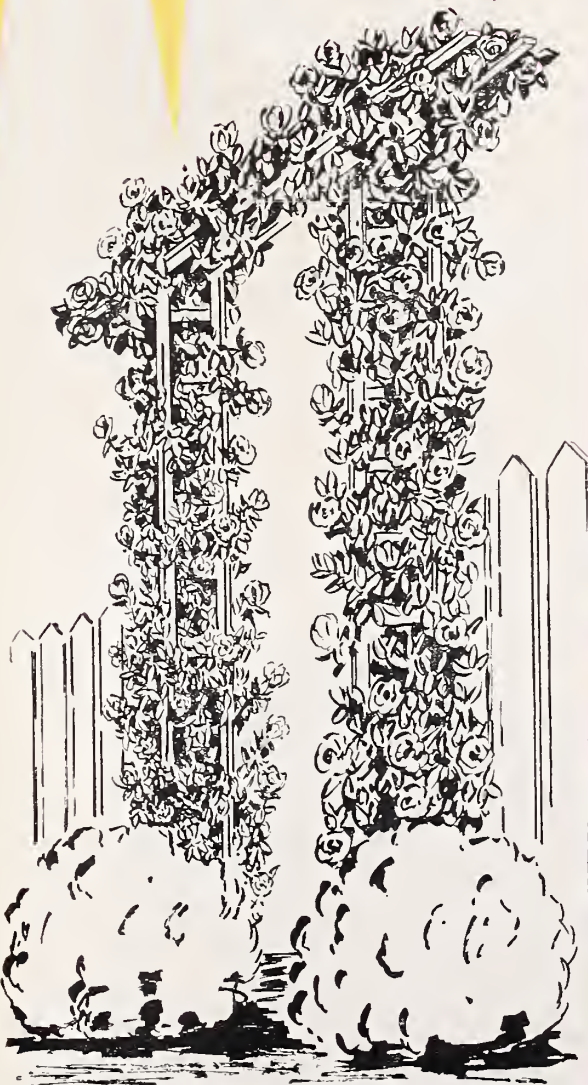
HIGH NOON

Everblooming Pillar Rose



All of the concentrated brilliance of sunshine at midday is captured in the lovely buds of this extraordinary new climbing or pillar rose. The intense shade of clear shining yellow displayed in the medium-sized, well-shaped buds cannot be found in any other rose in the market today. It is not a rampant climber but is better described as a bushy 8-foot pillar rose. It should be grown against a post, pillar, wall, or arbor to best display its beauty. Clothed with light green, glossy, mildew-proof foliage, it is fast growing and bushy, producing its many buds on long, almost thornless stems. Every brilliant little yellow bud is perfect for bud vase or buttonhole. The color is only one of the extraordinarily fine features of High Noon. In the spring High Noon becomes a gorgeous mass of brilliant bloom. But it does not stop there. It continues to produce additional bursts of bloom throughout the entire growing season. No other climbing rose will do this, and it is going to be one of the most popular climbers ever introduced for mild climates. Indeed, the great demand for it has amazed us. We know now that we have sadly underestimated the demand and our supply will not last long. High Noon was the Winner of a 1948 Regional All-America Award for the Pacific Coast and Southern States. It will probably not go through the winter in cold northern climates. Originated in the Armstrong Research Dept. by W. E. Lammerts. Plant Pat. No. 704.

\$2.50 each, 3 for \$6.30, 10 for \$21.00.





All-America

Charlotte Armstrong

"Queen of Them All"



The sole 1941 All-America Award was won by Charlotte Armstrong, and, in our opinion, it remains the top All-America Winner out of all the fine varieties given this honor. All the best new roses since its debut have been automatically compared with it, but none has yet equalled it. Charlotte Armstrong is an all-climate rose. It is hardier than most kinds, and the same enthusiastic reports come from the North, South, East, and West. For the past two years the annual poll of the members of the Pacific Rose Society puts Charlotte Armstrong in the No. 1 spot among the 12 best roses for the Pacific Coast.

Since its introduction in 1941 Charlotte Armstrong has become the favorite rose in thousands of rose gardens throughout the country. Certainly it is the finest rose that we grow here at the Armstrong Nurseries, and it is now firmly established among the top roses of all time. If you are planting it for the first time, you will marvel (as we still do) at the beauty of the lovely, long, carmine-red buds, with their perfect streamlined form, and at the magnificent open blooms of rich cerise. The open flower is usually 3 or 4 inches in diameter, with about 30 petals, high-centered, remaining a beautiful rich color until the last petal drops. It has only slight fragrance. No printer's inks can illustrate the richness of its color—you have to see it to appreciate it.

A plant of Charlotte Armstrong will become one of the largest in the rose garden for it is extremely vigorous, semi-spreading to upright, usually producing its flowers singly and always on long stems. The foliage is leathery, semi-glossy, deep green, and highly resistant to mildew. The plant keeps producing its amazing succession of long-stemmed beauties throughout the entire season. On Charlotte Armstrong every bud is perfect, and it produces hundreds of them during the season. Originated in the Armstrong Research Dept. by W. E. Lammerts. Plant Pat. No. 455.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

They All Say

Hundreds of our friends write us about how much they enjoy their Charlotte Armstrong rose plants, but they are all fairly well summed up in this comment from Oroville, California. "Your Charlotte Armstrong is my favorite; pictures can't compare with the rose in bloom. It's never without buds or full blown blossoms, and it never fades even in our hot weather." And by this one from Long Beach, California, "My Charlotte Armstrong roses cannot be beat for bloom. I have seven or eight roses on each bush nearly all the time."

National Awards

Charlotte Armstrong has won almost every important national award, including the John Cook Medal (1941) for "The Best New American Rose since 1935," the Fuerstenberg Prize (1941) for the "Best New Rose of American Origin," the Gertrude Hubbard Gold Medal (1945) for "The Best New American Rose Disseminated in the Preceding Five Years," the Gold Medal of the City of Portland (Oregon) Rose Test Gardens (1941). The originator of Charlotte Armstrong, Dr. Lammerts, was awarded in 1945 the American Rose Society Honor Medal for the development of Charlotte Armstrong as a forerunner of a new and excellent strain of American Roses.

But the awards that we prize most highly are the admiring looks that home-owners give it as they see it in their gardens and cut the buds for their living room table.

Charlotte
Armstrong

Collection

Forty-Niner



This startling new bi-color which was an All-America Winner for 1949, reaches a new high in contrasting brilliance. The straw-yellow and vivid red vie for attention. See page 9 for full description.

\$2.50 each, 3 for \$6.30, 10 for \$21.00.

Nocturne



A 1948 Winner, with long streamlined buds of rich cardinal-red, shaded with intriguing darker tones. It will be a leader among red roses for a long time to come. See page 11 for full description.

\$2.00 each, 3 for \$5.10, 10 for \$17.00.

Peace



Certainly this All-America Winner for 1946 is one of the most beautiful of all roses. Perhaps its chief beauty is the great range of colors through which it passes. The full ovoid bud is deep yellow, with the edges of the petals picoted cerise. It slowly opens to a glorious 5-inch bloom with shades of canary-yellow, pale gold, cream, pearly white, and apple blossom. Although the bloom is unusually large, double and long-lasting, the dainty coloring gives it marvelous beauty. The plant is just as large and fine as the blooms, being above average in size, and the flowers are borne on long straight stems above the vigorous shining foliage. The fragrance is moderate. No such amazing combination of strong stems, fine lasting qualities, and huge, perfectly formed, delicately colored roses, ever existed before. Plant Pat. No. 591.

\$2.00 each, 3 for \$5.10, 10 for \$17.00.

Tallyho



The latest All-America Winner (1949). Pink on the face of the petals, with the reverse side crimson. The unique coloring, beautiful form, and rich spicy fragrance are irresistible.

See full description page 8.

\$2.50 each, 3 for \$6.30, 10 for \$21.00.

All-America Collection. The 5 roses on these two pages are the leading winners of All-America Rose Awards, the finest of all roses. We have selected them for you who insist upon only the newest and best for your garden. They will not disappoint you for these are literally the "cream of the world's newer roses."

One each of the 5 All-America Roses listed on these two pages, postpaid anywhere in the States for (Add 3% sales tax on California shipments.)

\$8.85



Tallyho



Peace



Nocturne



Forty-niner

Armstrong

Finer Roses

Through Research

All roses described on these two pages are products of the Armstrong Research Department where for more than 13 years roses have been hybridized by skilled geneticists, utilizing the most modern techniques of plant breeding. Our principal aim is to produce Hybrid Teas with new pleasing colors, perfect form, vigorous growth, disease resistance, and extraordinary fragrance. Our newest and finest introductions are found on pages 7 to 13.

Another goal toward which we are working is to produce a series of climbing roses that will be everblooming throughout the season instead of during the spring only. The first of these is the extraordinary yellow-flowered climber, High Noon. Occasionally our plant breeders will come up with a unique, entirely new type of rose such as the little perfect-budded Pinkie.



Sweet Sixteen

Sweet Sixteen

Dainty pink with tints of rose and a dash of gold—a soft rose complexion in the delicate colors of youth and beauty. The long tight buds, half-open blooms, and large-petaled flowers of this new Armstrong rose are magnificent in their perfection. From spring until fall you will enjoy a long succession of perfect buds and flowers, borne on long straight stems.

The plants are tall and rather slender. The fragrance is exhilarating and refreshing. Especially fine in coastal or cool weather regions, where Sweet Sixteen will keep producing some of the most amazingly perfect buds in existence, large but dainty, and exceedingly lovely in form and color. Originated in the Armstrong Research Dept. by W. E. Lammerts. Plant Pat. No. 631.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.



Debonair

Mirandy



The first-place All-America Winner for 1945. This Armstrong rose creation is a gorgeous rose, producing big, ovoid, long-pointed buds of deep, rich red with black shadings which open to lovely flowers of Chrysanthemum Red. Along with its deep rich color, Mirandy possesses the most delicious, the most full-bodied fragrance you have ever inhaled. When you dip your nose into the first beautiful big red bloom, you will be pleasantly amazed. The flower displays new beauties of form as the petals unfold, and eventually becomes a huge, full bloom (50 petals) which lasts a long time. Mirandy has been a great success over most of the country, but it reaches its magnificent best in sunshine and warm weather. In cool foggy areas the flowers do not always open perfectly. The blooms of Mirandy are not perfect in all weathers, but when they are right, they are unbeatable. In many areas they are unbeatable all the time. The plants are more than medium in height, vigorous, and free-branching. Originated in the Armstrong Research Dept. by W. E. Lammerts. Plant Pat. No. 632.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.



Mirandy

Rose Creations

Debonair

A profusion of perfect, jaunty, Mimosa Yellow buds open to high-centered, many-petaled flowers of clear Primrose Yellow—ever graceful flowers brim full of old-fashioned rose fragrance. You will like the fresh luxuriant appearance of the vigorous upright bush for its glossy mildew-resistant foliage is among the most handsome to be found in roses. Debonair keeps on producing dozens of its perfect tight-rolled buds throughout the season. Its stems are not long, but they are plenty long enough to cut, and each one is sturdy and straight. Put the plants of Debonair in the foreground of your rose garden because the foliage is so handsome at all times. Plants medium height. Originated in the Armstrong Research Dept. by W. E. Lammerts. Plant Pat. No. 677.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Miss Clipper

One of the country's largest chemical corporations searching for the rose that would produce the finest essential oil for perfume, scientifically proved that Miss Clipper has the finest, most rose-like fragrance of all. The long slender buds and lovely cupped flowers of pale salmon-pink, shaded orange and yellow, are mighty good to look at, too. Plants above medium height, slender, with long stems. At its best in the cooler areas, since it fades rather quickly in hot weather. For sheer pleasurable fragrance, only Mirandy can compete with it. Originated in the Armstrong Research Dept. by W. E. Lammerts. Plant Pat. No. 522.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.



Show Girl

Show Girl

"The Rose With Magnificent Buds"

If you want to enjoy the most beautiful, the most perfect, and the longest deep pink rose buds you can imagine, be sure to plant this Armstrong Rose introduced in 1944. The sensational buds are deep pink, almost carmine in the spring, opening to a softer tone but always deep pink. We think it is one of the finest pink roses of all for cutting because of the magnificence of the buds and the lasting quality of the flower with its big-heavy-textured petals. No matter where you grow roses you will find Show Girl to be one of the strongest plants in your garden. Tall, rather slender, with big heavy canes and plenty of lovely flowers borne on long sturdy stems. Just enough fragrance to give it character. This fine pink rose flourishes in all climates, coast or inland, cool or warm, foggy or sunny. Show Girl has never been given full credit for its fine performance, but it is steadily growing in popularity. Plant Pat. No. 646.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.



Fiesta

Fiesta

Dazzling is the only word that describes this remarkable rose with stripes and flecks of bright yellow on a background of rich vermilion. The bizarre yet attractively colored flowers are never alike, varying in an attractive way the flecks and stripes so that each morning you'll get a different display. Fiesta is a modest grower, low and spreading. It will require a little extra water and fertilizer to get vigorous growth and the finest blooms. But the gayly colored flowers are worth every bit of extra care that you give the plant. Plant Pat. No. 389.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.



Miss Clipper

The Armstrong

The Perfect Rose Garden

The Armstrong Big 10 assures you of a successful rose garden. Here are ten of the best rose varieties grown. Every variety has been thoroughly tested and every plant superbly grown. No matter where you live the Armstrong Big 10 will give you a "perfect rose garden."

Five All-America Winners are in this collection. We have chosen the varieties to give you a wide range of color. Each variety selected is vigorous and disease resistant.

In planning a large garden, plant several "Big 10's." You will be cutting arm-loads of fragrant, long-stemmed roses all through the blooming season. If you are limited for room, the All-Armstrong 5 listed on this page will give you the finest in rose beauty and color.

Charlotte Armstrong

This all-time All-America Winner with the long, streamlined, blood-red buds and beautiful cerise blooms is the top favorite of the country. Plant Pat. No. 455. \$1.50 each.

Debonair

A new outstanding yellow with jaunty, tightly furled buds and graceful, high-centered open flowers. A rich Mimosa Yellow with a delightful old-time rose fragrance. Plant Pat. No. 677. \$1.50 each.

Nocturne

This new 1948 All-America Rose with its long, streamlined, perfectly formed red buds and large, richly textured petals is one of the finest red roses of today. Plant Pat. No. 713. \$2.00 each.

Show Girl

Some of the largest, most perfect, deep pink rose buds you have ever seen will be yours on this strong vigorous plant. Plant Pat. No. 646. \$1.50 each.

Taffeta

Dozens of beautiful color combinations throughout the entire season are yours with this new 1948 All-America Winner. A rich carmine-rose in the bud, changing to Begonia Rose in the open flower. Plant Pat. No. 716. \$2.00 each.

ALL-ARMSTRONG FIVE

If you haven't room in your garden for a complete Big 10, here are 5 of the finest roses you can plant, sent postpaid at the proper planting time for only

\$7.10

California orders add 3% sales tax.

- (1) Charlotte Armstrong
- (2) Taffeta
- (3) Nocturne
- (4) Debonair

Show Girl
(At Right)



Famous Big Ten

Countess Vandal

Just about the finest of the salmon-pink roses. The Countess produces continuously many long tapering buds of salmon-pink, enchantingly shaded with copper and gold tones. It is richly fragrant, fine for cutting because the long-stemmed buds are nearly always available and they keep exceptionally well. Buds and open flowers are usually perfect no matter what the weather. Plant Pat. No. 38. \$1.50 each.

Eclipse

Famous for its unique, streamlined buds of pale yellow, often more than 2 inches long. See page 21. Plant Pat. No. 172. \$1.50 each.

Heart's Desire

This 1942 All-America Winner has long-pointed buds of pure bright luminous red without other shadings. The flowers are always borne on long stems, and keep longer than most other kinds 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. Its only faults are an occasional weak neck and, in certain seasons, a few globular flowers. However, its faults are far outweighed by its color, its fragrance, and the vigorous free-branching habit of the plant. Plant Pat. No. 501. \$1.50 each.

Mme. Henri Guillot

You will marvel each spring at the splendor of this rose. The tight bud becomes succeedingly more graceful as it opens into a large 25-petaled flower of brilliant flame-pink to raspberry-pink. The luxuriant glossy foliage clothes the big spreading plant right down to the ground. You'll find the richly colored flowers on top of tall straight stems unbelievably gorgeous and deliciously fragrant. We know you'll be rating this, just as we do, among your favorites. Plant Pat. No. 337. \$1.50 each.

Peace

Peace was the sole 1946 All-America Rose Winner, and it has won high acclaim from rose planters all over the country in a comparatively short time. The slowly opening flower displays many beautiful shades of canary-yellow, pale gold, cream, pearly white, rose, and apple blossom. Originated by Meiland (France). Plant Pat. No. 591. \$2.00 each.

THE BIG TEN

We will ship the Big 10 anywhere in the States post-paid at the proper planting time for only California orders add 3% sales tax.

\$13.50

For yourself or your friends it is a perfect rose garden.

- (1) Mme. Henri Guillot
- (2) Peace
- (3) Heart's Desire
- (4) Eclipse

Countess Vandal (Below)



Armstrong

The Best Standard Kinds From Everywhere

You can order any of these Armstrong Roses with confidence and assurance because every rose variety that we list has had to prove its merit under tests before it is offered to you. You can also be assured that the plants you receive will be the largest, huskiest, finest plants offered anywhere.

If you want the newest and finest in roses see the new Armstrong All-America Winners listed on the first few pages of this book. Regardless of the variety you choose you can be sure that you are getting a rose of merit—a variety that has been thoroughly tested, and a plant that has been superbly grown.



**Dainty
Bess**

Dainty Bess

The delicate charm and loveliness of this rose have made it the most popular of all single roses. The dainty five-petaled flowers of warm pink overlaid with a flush of suntan are the most lasting of all cut roses and make possible some of the most artistic arrangements imaginable. The tall strong bush is seldom without profusion of the dainty flowers in clusters of three or more.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.

Frau Karl Druschki

A fine old Hybrid Perpetual which continues to please rose growers everywhere because of its fine flowers, vigor, and indifference to conditions of soil and climate. The long-pointed, snow-white buds open to handsome flowers with plenty of big, substantial, waxy-textured petals. Give it plenty of room for the vigorous bush with its handsome dark green foliage will sometimes grow as much as 6 feet in a single season.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.



**Frau Karl
Druschki**

Crimson Glory

This gorgeous rose ranks high among the best red roses of today, and many planters in the East and Midwest will place it first. Other reds are better in California. The beautiful flaring urn-shaped buds open into magnificent flowers of velvety crimson with black and maroon shadings. The bloom seems to glow like an ember when light is reflected from the velvety petals. The plant is vigorous, low, spreading, producing a continuous succession of richly fragrant flowers. Plant Pat. No. 105.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Etoile de Hollande

This magnificent red rose is ranked among the best in its color class by everyone who knows roses and many of them will place it first. It is the standard of comparison by which other red roses are judged. The medium-sized buds of velvety maroon open beautifully and cleanly to a marvelous flower of glowing crimson with darker shadings. Each petal holds its brilliant color until it drops. A heavy, delightful old-rose fragrance adds to its charm. The bush is strong, free-branching, and healthy with the leaves large, green, and fresh looking.

\$1.25 each, 3 for \$3.15, 10 for \$10.50.

3 Cost Less

You can realize a substantial saving in your rose purchases when you buy 3 or more of one variety. In addition to making an attractive saving you will realize a great deal more satisfaction in your garden by having 3 or more plants of one variety. It simply means that you can cut almost any time that you wish a good number of blooms of one variety for those special indoor arrangements.



Crimson Glory

Bush Roses

Diamond Jubilee



This 1948 All-America Winner is robust and many-branched, sending out many long, sturdy flower stems, each carrying a big, ovoid bud in light pastel shades of buff, yellow, and pale orange. The large, many-petaled blooms have stiff, heavy-textured petals. Here in Southern California we could wish for the flowers to be of better quality, which evidently they are in cooler areas. It certainly produces an enormous number of blooms, and the big plant has an abundance of big dark green leaves. Plant Pat. App. for.

\$2.00 each, 3 for \$5.10, 10 for \$17.00.



Diamond Jubilee



Christopher Stone

Christopher Stone

Such a vivid color could not long go unnoticed in any garden, and these brilliant flowers certainly demand attention. The glowing brilliant crimson-scarlet flowers, with deeper shadings, never have a trace of blue and do not fade in the hottest sun. Not all of the buds are perfect in form, but they have a long-lasting substance and a delightfully spicy fragrance. Fully blown, this rose is as beautiful as any rose you will ever find. Certainly Christopher Stone has a place among the best red roses of today.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.

Eclipse

One of the greatest satisfactions in growing roses is to be able to go to your garden at almost any time and cut plenty of long, streamlined, tight buds. With Eclipse in your garden you'll be able to do just that. This rose is famous for its unique streamlined buds of pale yellow, often more than 2 inches long. The open flowers are not very interesting, but when you can pick a bouquet of those exquisitely beautiful, long, slender buds almost any time during the season it's well worth having in your garden. One of the highest honors that can come to a rose was awarded Eclipse by the Bagatelle Gardens when it received a Gold Medal in 1936. (For another Bagatelle Gold Medal Winner see Applause, page 7.) Plant Pat. No. 172.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.



Etoile de Hollande



Eclipse

Bush Roses

The Best Kinds Known

Katherine T. Marshall



This is a lovely bloom of warm clear pink without other shadings. There are not many petals, but each one is big and heavily-textured, forming a magnificent bud and half-open bloom. The fragrance is rich and fruity, and the plant is tall, robust, handsomely foliaged, with plenty of long straight stems. Plant Pat. No. 607.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Mary Margaret McBride



The top All-America Selection for 1943. Exquisite, long, flaring buds and fully double flowers of lovely coral-pink are enhanced by shimmering golden tones at the base of the petals. It does not bloom as heavily as some varieties, but each bloom is perfect in form and has a fine satisfying fragrance. The tall, fast growing plant has big, broad, leathery leaves. Plant Pat. No. 537.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.



Golden Rapture

Golden Rapture

The sheer perfection of form and the brilliancy of color make this rose one of the very best in its color class. Morning after morning you can cut some of the most lovely long-pointed buds of bright yellow that you have ever seen before—rich shining yellow. The shiny-foliaged plant grows to medium height and produces quantities of perfectly formed buds and flowers with a mild old-rose fragrance.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.

Fred Edmunds



The rich orange coloring in the buds is exceedingly vivid, and the fully open flower is just as attractive in a captivating shade of apricot-orange. The flower sometimes lacks perfection of form but the vivid color and the rich fruity fragrance more than make up for this fault. Without doubt, this is the finest orange rose yet introduced. Best in cooler sections. Won Regional All-America Award for Pacific Coast, 1944. Plant Pat. No. 731.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Girona

We think very highly of this multicolored Spanish beauty because of its great vigor, the extremely handsome buds and flowers, and the fine fragrance. The large yet graceful buds open to magnificent, full, double flowers in beautifully varying tones of pink, yellow, and carmine. They have a lot of substance, and keep exceptionally well when cut. You will marvel that a rose can be so fragrant, and you will certainly be delighted with the long, husky stems, and the vigorous, well-foliaged plant.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.



Mary Margaret McBride



Fred Edmunds



Girona



Katherine T. Marshall



Lowell Thomas

Horace McFarland



One of the three 1945 All-America Rose Winners, and a good "solid" rose in every respect. The long-pointed, orange-pink buds are extraordinary for their length and beauty of form. In the bud the color is more orange than pink, and as the big fully double flower opens it becomes a deep apricot-pink with lighter shadings of salmon and coral-pink. The plant is tall, upright, and vigorous, with long straight stems and broad leathery foliage. Moderately fragrant. Plant Pat. No. 730.

\$1.50 each, 3 for \$3.75, 10 for 12.50.

Lowell Thomas



The long, tightly furled buds of rich golden yellow open into a large flower of uniform lighter yellow shades. It has a large robust plant, which keeps throwing out new flower stems incessantly. Every bloom is borne on a heavy stout stem. Planters report that it does well in hot weather or cool. Lowell Thomas won an All-America Award in 1944. Plant Pat. No. 595.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.



Horace McFarland

Grande Duchesse Charlotte



The interesting buds are a rich claret color (you may call it brick-red) which changes as the flower ages to a lovely Begonia Rose. The flowers are not always perfect in form, but they are always beautiful because of that rich color, never before seen in roses. The plant is big, strong and free-branching. The rose has a rich fruity fragrance that is as unique and outstanding as its color. This rose will completely win you when you see the big, strong, free-branching plant, the unusual color of its flowers, and sniff that rich fruity fragrance. Plant Pat. No. 774.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.



Grande Duchesse Charlotte

Armstrong

For Better

When you order Armstrong roses you can order with confidence because every sturdy husky plant is sure to be an outstanding performer in your garden.

Rubaiyat



The sole All-America Winner for 1947. The long shapely bud is a scintillating rose-red or crimson becoming paler in the open bloom. Both buds and flowers are extra large and carry a pronounced and delightful damask-rose fragrance. Rubaiyat displays its best color and most perfect form in cool weather. Plant Pat. No. 758. \$1.50 each, 3 for \$3.75, 10 for \$12.50.

Rubaiyat

San Fernando



From over the Hollywood Hills in the sunny San Fernando Valley, where so many of the movie stars garden for fun, comes this new rose, and it reflects the glamour of its birthplace. It was an All-America Selection for 1948. Perfectly shaped, long bud, an intense brilliant red color, and a rich heady perfume are its outstanding characteristics. In color, the flower is several shades lighter than Nocturne, and, according to our observation, it blooms somewhat less freely than that variety. Nevertheless, it is a red rose of exceptional lasting quality. The vigorous plant is upright and well foliaged. Originated by Theodore Morris. Plant Pat. No. 785.

\$2.00 each, 3 for \$5.10, 10 for \$17.00.

Mrs. E. P. Thom

Yellow roses may come and go but Mrs. E. P. Thom continues pleasing gardeners and outselling newer yellow roses every year. You will know why when you see the long-pointed buds of clear canary-yellow and the large flowers, fully double, lovely in form, and delightfully fragrant. It is often at its best when other kinds have passed the peak of spring bloom. \$1.00 each, 3 for \$2.55, 10 for \$8.50.

Mrs. E. P. Thom



Rose of Freedom

New
For 1949

Rose of Freedom

Here is a new rose which is going to make a lot of people happy. It has one of the most beautiful rose plants that can be grown—tall, strong and luxuriantly covered with big, handsome, broad leaves, so thickly clustered that you can hardly see the canes. It's a great bloomer. The big ovoid buds are a rich Cardinal Red, opening into a large, rather flat, fully double bloom (60 petals) of Rose Red. One of the most outstanding features of the rose is its heavy penetrating fragrance. Only three or four others in our entire list can equal it in this respect. The color is a little hard in some weathers as the flower ages. Plant Pat. No. 791.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Bush Roses

Rose Gardens

Mrs. Sam McGredy

This wonderful rose is a beautiful copper-orange in color, heavily flushed with Lincoln Red. The buds are long-pointed and sweetly fragrant, unfolding slowly into richly colored high-centered flowers. An added attraction is a beautiful bronzy green foliage which covers the low, robust, and many-branched plant. Particularly in the cooler climates, no rose garden is complete without Mrs. Sam McGredy.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.




Mrs. Sam McGredy

Picture

There just are not adequate adjectives nor color plates good enough to do justice to the perfect pink buds and flowers of Picture. Even if they could give you some idea of the color, they would still fail to suggest the warmth of the rich salmon undertones which make this color cheerful and glowing. Each flower is heavily petaled, substantial and long-lasting, and the strong, vigorous plants produce continuously.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.

Mme. Chiang Kai-Shek


 The top All-America Winner for 1944, and unquestionably one of the finest light yellow roses of all time. Great long buds of Primrose Yellow open into huge, many-petaled flowers of delicate creamy ivory. The bush will become one of the tallest in your garden, and it will delight you with a long procession of spicily lemon-scented buds and flowers on long straight stems. Plant Pat. No. 664.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Picture



The Chief

 The extremely long buds are gigantic in size, yet they are saved from awkwardness by their graceful perfection of form and rich color. With changes in the weather the color of the bud varies from deep rose to flame. The open flowers are magnificent, fully double, and strikingly colored in tones of flame, coral, and copper, changing to orange-pink as the flowers age. The flowers have a rich fruity fragrance which few roses can equal. All-America Winner for 1940. Plant Pat. No. 456.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Learn to Grow Better Roses

We've read a good many books on the selection and culture of roses, but, frankly, we don't know of a better book for either the experienced or the beginner on the selection and general culture of roses than in Dr. Allen's new book, "Roses for Every Garden." If you would like greater success in your rose-growing efforts, we suggest that you read it. Dr. Allen makes successful rose growing sound just as easy as it actually is. Shipped postpaid anywhere in the United States for \$3.50.



The Chief

Mme. Chiang Kai-Shek



Floribundas

Great clusters of flowers in a continuous procession that is almost unbelievable, hardiness, and an indifference to conditions, soil, and climate characterize the versatile Floribundas. They are superb for mass color or planted singly among evergreen shrubs. It is difficult to imagine anything more attractive than a bushy low hedge loaded with roses throughout much of the year. Wherever you plant them you can depend upon a show of gay color from spring until late fall. You'll never lack miniature buds for dainty bouquets or attractive flower clusters for larger arrangements.

Floribundas planted in mass display or for borders or hedges provide a grand show of color much easier and more satisfactorily than can ever be obtained with annuals and perennials.

Goldilocks

Something new—a true Floribunda in a rich shade of golden yellow. If you want to bring a mass of golden sunshine into some spot in your garden just plant Goldilocks. The compact, 18-inch bush is continuously bursting with golden masses of perfect little buds and many-petaled, long-lasting, open flowers. The aging flowers hold their brilliant color, and the delightful abundance of bloom is a breath-taking sight in any garden. Nearly any day during the season you can cut a bouquet of sunshine for indoors. Plant Pat. No. 672.

\$1.50 each, 3 for \$3.75, 10 for \$12.50,
25 for \$28.75.

Floradora



Call it a cinnabar-red, orange-scarlet, scarlet-vermilion—whichever sounds the most attractive to you.

The exquisitely formed buds are carried in sprays of from 6 to 12 and each opens slowly to a fully double 2-inch flower resembling a perfect little camellia. With Floradora in your garden you will always have plenty of perfect little flowers for corsages or small bouquets. The aging flowers fade to an unattractive color, but you will not be able to resist cutting them long before that. Plant is tall, 24 to 30 inches.

\$1.25 each, 3 for \$3.15, 10 for \$10.50,
25 for \$23.75.



Goldilocks

China Doll

Imagine a bushy, rounded 18-inch rose plant carrying 240 perfect pink roses at a time, each flower 1 to 2 inches across. We counted the flowers on several normal plants of this new Baby Rose and that was the average number. The rounded flower clusters so cover the plant that you cannot even see the leaves, and as one crop goes another comes on. The color is a bright, cheerful shade of China Rose, and the little double flowers last a long time. The petals always drop cleanly before they become unsightly. The dwarf, almost thornless plant with glossy mildew-resistant foliage and its bright, cheerful mass of color makes China Doll a wonderful low border rose. Plant Pat. No. 678.

\$1.50 each, 3 for \$3.75, 10 for \$12.50, 25 for \$28.75.

Floradora



Pinocchio

Pinocchio

Immense clusters of perfect Baby Roses in the brightest, cheeriest, yet daintiest shades of salmon flushed with gold that you can imagine. Every little bud in the cluster is a perfect garden rose in miniature, possessing a delightful fruity fragrance. Marvelous for boutonnieres, corsages, or small bouquets. The plant grows 20 to 24 inches tall, and requires no special care for splendid results. Plant Pat. No. 484.

\$1.25 each, 3 for \$3.15, 10 for \$10.50,
25 for \$23.75.

Simplify Your Planting

Instead of using annuals or perennials for that hedge or border, make it permanent with Floribundas. They take less work, less care, yet give far more in return. A wealth of color from spring until late fall, with plenty of roses for cutting, will be your reward the first year. Each succeeding year your returns in beauty and a mass of bright cheerful color will become even greater.


The Floribundas will bring more continuous color into your garden than any other flowering plants.



For Lots of Bloom

Pinkie

The All-America Baby Rose for 1948

 Although our 1948 All-America Winner, Pinkie, is illustrated on page 12, it belongs as a headliner among these petite everblooming stars. Never has there been a Baby Rose with such perfect form as have these dainty pink buds and flowers. Plant Pat. No. 712.

\$1.50 each, 3 for \$3.75, 10 for \$12.50, 25 for \$28.75.



Pinkie

Pink Bountiful

A tall vigorous Floribunda which will thrill you with great clusters of lasting soft pink blooms throughout the season. Handsome ovoid buds of deep pink unfold into perfect 3-inch flowers resembling a small Hybrid Tea. The open flowers of buff, salmon-pink, and deep-pink are large for a Floribunda yet delicate, and they possess a rich fragrance. The sturdy 2½ to 3-foot plant with its abundant display of bloom is unusual and effective in any garden. Plant Pat. No. 601.

\$1.25 each, 3 for \$3.15, 10 for \$10.50, 25 for \$23.75.



Pink Bountiful

Summer Snow

From spring to late fall this prolific white Floribunda will resemble an immaculate snowbank in your garden. Often it produces 15 or more buds to a cluster and the countless clusters are continuously unfolding new flowers. There is always a generous supply in the garden or for cutting. The bushy large plant grows 3 to 4 feet in height, making it excellent for "backing up" lower growing roses or a bed of brightly colored annuals or perennials. Plant Pat. No. 416.

\$1.25 each, 3 for \$3.15, 10 for \$10.50, 25 for \$23.75.



Summer Snow

Chatter

The brilliant crimson color is something unusual, new, and exciting in a Floribunda. Bushy and vigorous, the plant is literally smothered with clusters of glowing flowers. Each individual flower is 2½ to 3 inches across and possesses a delicate old-rose fragrance. Like other Floribundas, Chatter is hardy, easy to grow, and blooms generously. It grows to 2 to 2½ feet in mild climates, lower in colder areas. Ideal for a low or medium height hedge or border. Plant Pat. No. 739.

\$1.25 each, 3 for \$3.15, 10 for \$10.50, 25 for \$23.75.



Chatter

Tiny Miniature Roses

With these unique little roses you can have an enchanting rose garden in miniature either indoors or out. The plants, never getting over 9 inches tall, will bloom almost continuously and thrive for years in a pot, window box, or in the ground. If grown indoors, they must not be allowed to dry out and will not tolerate gas-heated indoor rooms.

Pixie, the Tiniest Rose

4-inch pots, 85¢; 3 for \$2.25.



Pixie

Perfectly formed tiny white rose buds, so small that you can put a whole bouquet of them in a vase 1-inch high. Plant Pat. No. 408.

Rosa Rouletti

The open flowers are just three-quarters of an inch across, fully double, and deep pink in color. Flowers almost continuously.

Sweet Fairy

This new miniature is the first with a true rose fragrance. Dark pink buds and very double 1-inch flowers of apple-blossom-pink. Plant Pat. No. 748.

Tom Thumb

The darkest of the miniature roses with deep crimson buds. The opening flowers are slightly lighter with a bright eye in the heart of each tiny flower. Plant Pat. No. 169.

Armstrong Bush Roses

A Complete List by Colors

Bright Red

- Charlotte Armstrong.** 1941 AARS Winner. See page 14. \$1.50.
Christopher Stone. Never fades. See page 21. \$1.00.
Florodora. Brick-red Floribunda. See page 26. \$1.25.
Grande Duchesse Charlotte. 1943 AARS. See page 23. \$1.50.
Red Rodiance. An old-time favorite. See page 29. \$1.00.
Rose of Freedom. Makes its debut this year. See page 24. \$1.50.
Rubaiyot. Strong growing 1946 AARS Winner. See page 24. \$1.50.
Son Fernando. Super-fragrant 1948 AARS Winner. See page 24. \$2.00.
Texas Centennial. Vigorous and free blooming. See page 29. \$1.50.

Deep Red

- Chatter.** Brilliant color, lots of blooms. See page 27. \$1.25.
Crimsan Glary. A long-time favorite red. See page 20. \$1.50.
Etoile de Hollande. Richly fragrant. See page 20. \$1.25.
Heart's Desire. 1942 AARS Winner. See page 19. \$1.50.
Mirandy. 1945 AARS Winner. Most fragrant of all. See page 16. \$1.50.
Night. The deepest red, maroon shadings. See page 29. \$1.00.
Nacturne. Striking, new 1948 AARS Winner. See page 11. \$2.00.
Piccaninny. Dusky red single blooms. See page 29. \$1.50.

Orange

- California.** Excellent in cool climates. See page 29. \$1.50.
Fred Edmunds. 1944 Regional AARS Award. See page 22. \$1.50.
Harace McFarland. 1945 AARS Winner. See page 23. \$1.50.
Irish Fireflame. One of the loveliest singles. See page 29. \$1.25.
Mrs. Sam McGredy. Fine coppery-orange. See page 25. \$1.50.

Multicolor

- Fiesta.** Gay and unusual. See page 17. \$1.50.
Forty-niner. Spectacular 1949 AARS Winner. See page 9. \$2.50.
Girana. Carmine-pink, and yellow. See page 22. \$1.00.
President Herbert Hoover. An old favorite. See page 29. \$1.00.
Saturnia. A glorious coastal rose. See page 29. \$1.50.
Signara. Vigorous and robust everywhere. See page 29. \$1.50.
Taffeta. Fascinating 1948 AARS Winner. See page 10. \$2.00.
Talisman. Excellent fragrance. See page 29. \$1.00.

A Perfect Rose Garden

You can't give (including yourself) a finer gift than a group of lovely roses which will live on in the garden year after year. It's a gift that keeps on giving, generously, freely, and beautifully. This year in particular we are proud of our Big 10 Collection because we honestly believe that you can find no better group of roses anywhere in the world. You will find the famous Armstrong Big 10 Collection fully described on pages 18 and 19.

The Elite of All-America Selections

It gives us a great deal of pleasure to be able to offer this collection of what we believe are the 5 best All-America Winners of the past 9 years. In this collection of All-Americas are Charlotte Armstrong and Peace, the two outstanding rose varieties in America today. To be sure of having the best of the newer roses in your garden see the All-America Collection, page 15.

Pink

- Cecile Brunner.** Old fashioned Baby Rose. See page 29. \$1.50.
China Doll. Tiny pink buds and flowers. See page 26. \$1.50.
Cauntess Vondal. Perfect buds in salmon-pink. See page 19. \$1.50.
Dointy Bess. The favorite single rose. See page 20. \$1.00.
Katherine T. Marshall. 1944 AARS Winner. See page 22. \$1.50.
Lulu. Long, slender, perfect buds. See page 29. \$1.25.
Mary Margaret McBride. 1943 AARS Winner. See page 22. \$1.50.
Miss Clipper. The most fragrant rose. See page 17. \$1.50.
Picture. "A perfect picture." See page 25. \$1.00.
Pink Bountiful. Vigorous Floribunda. See page 27. \$1.25.
Pinkie. New type Baby Rose. 1948 AARS. See page 12. \$1.50.
Pinocchio. A favorite Floribunda. See page 26. \$1.25.
Radiance. Grows nearly anywhere with ease. See page 29. \$1.00.
Sweet Sixteen. Every flower perfect. See page 16. \$1.50.
The Doctor. Enormous fragrant blooms. See page 29. \$1.50.

Deep Pink

- Applause.** Bagatelle Gold Medal Winner. See page 7. \$2.50.
Mme. Henri Guillaud. Magnificent foliage. See page 19. \$1.50.
Shaw Girl. Streamlined, perfect buds. See page 17. \$1.50.
Tallyho. Armstrong's new 1949 AARS Winner. See page 8. \$2.50.
The Chief. Rich, fruity fragrance. See page 25. \$1.50.

Yellow or Buff

- Debanair.** Perfect jaunty buds and flowers. See page 17. \$1.50.
Diamond Jubilee. Buff-colored 1948 AARS. See page 21. \$2.00.
Eclipse. Perfect streamlined buds. See page 21. \$1.50.
Golden Rapture. Rich and non-fading. See page 22. \$1.00.
Galdilacks. Dwarf yellow Floribunda. See page 26. \$1.50.
Lowell Thomas. Robust 1944 AARS Winner. See page 23. \$1.50.
Mme. Chiang Kai-shek. 1944 AARS Winner. See page 25. \$1.50.
Mrs. E. P. Thom. A popular performer. See page 24. \$1.00.
Peace. Gigantic 1946 AARS Winner. See page 15. \$2.00.

White

- Frou Karl Druschki.** Hybrid Perpetual. See page 20. \$1.00.
K. A. Victoria. Very free blomer. See page 29. \$1.00.
McGredy's Ivory. Delicate damask fragrance. See page 29. \$1.00.
Ondine. Delightful long, pointed buds. See page 29. \$2.00.
Snowbird. Outblooms other white Roses. See page 29. \$1.50.
Summer Snow. Bushy white Floribunda. See page 27. \$1.25.

Join a Rose Society

If roses are your hobby or if you want to know more about them, a membership in a rose society will be interesting, entertaining, and valuable because of the information you will receive from other planters' problems and suggestions.

The Pacific Rose Society

The Pacific Rose Society was organized in 1937 and since then has grown by leaps and bounds. It publishes 4 times a year the Pacific Rose Society News. The membership dues are \$2.50 a year. Send applications for membership to Fred. W. Walters, 1044-A Olive Lane, La Canada, California.

The American Rose Society

The American Rose Society is a national organization with a membership of many thousands of rose planters. The Society publishes a bi-monthly magazine, which is extremely valuable, and an annual, which not only gives information on rose culture but gives a very thorough report of the new rose varieties. Annual dues are only \$3.50. Send to Dr. R. C. Allen, Secretary, American Rose Society, Box 687K, Harrisburg, Pennsylvania.

There is a fine combination offer which comprises a membership in both the Pacific Rose Society and American Rose Society for only \$5.50 per year. Send to either of the above addresses.

The Best Standard Kinds From Everywhere

Described below are those roses which are not pictured on other pages of this catalog. They are just as good and just as important as other kinds but space does not allow us to picture every one of the varieties that we grow in full color. Whether you order the new 1949 All-America Winners, as described on the first few pages of this Catalog, or the old-time Radiances, described below, you can always be sure that you are getting garden tested, superbly grown Armstrong plants.

California

You will be thrilled with the unusual orange color found in the large buds of this rose. The giant, beautifully shaped buds open to unique flowers of ruddy orange, toned with saffron-yellow. Magnificent under coastal or cooler conditions. 1940 AARS. Plant Pat. No. 449.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Cecile Brunner

The miniature flowers of this favorite old Baby Rose, rose-pink shaded salmon, fill a niche which no other rose can occupy. It is a fine foliaged, strong growing plant, and always in bloom. It has been a favorite for many, many years.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Irish Fireflame

The buds are wonderfully rich in coloring, deep orange splashed with crimson, opening to a large single flower of satiny old gold. It blooms in great profusion. Fine for cutting.

\$1.25 each, 3 for \$3.15, 10 for \$10.50.

K. A. Victoria

Pure ivory-white, producing quantities of beautiful buds and full flowers. It blooms freely and continuously no matter what the weather, and has been a garden favorite for more than 40 years. See Climbing K. A. Victoria, page 31.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.

Lulu

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. You will always have perfect buds for your bud vase if you have a plant or two of Lulu in your garden.

\$1.25 each, 3 for \$3.15, 10 for \$10.50.

McGredy's Ivory

The flowers are creamy ivory white, turning to a clear white as they open, 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.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.

Night

It's the best of the deep, dark reds. The buds and flowers are well-shaped, quite double, and it has a spicy clove and cinnamon fragrance that you can imagine would be wafted on the balmy air of a tropical night. It is a good vigorous grower.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.

Ondine

Perfect white rose buds are scarce and you will be able to pick some of the most beautiful, long pointed, snowy white buds that can be imagined from this rose. The plants are upright, moderate in growth, with a profusion of sweetly fragrant blooms.

\$2.00 each, 3 for \$5.10, 10 for \$17.00.

Piccaninny

A delightful, medium-sized, single rose with five crisp overlapping petals of velvety deep red shaded with maroon. The long-stemmed flowers, with their spicy cinnamon fragrance, are marvelous for cutting. They are borne almost continuously on a tall, glossy-foliaged plant.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

President Herbert Hoover

Many would consider their rose planting incomplete without this wonderful, multicolored rose, combining shades of cerise, pink, flame, scarlet, and yellow. The long buds are beautifully formed, and open slowly into a gigantic bloom possessing a most delicious fragrance. It is a magnificent grower, four feet in one season being quite ordinary, and it is not a question of how long you want the stems to be, it is only how long you wish to cut them. Give it plenty of room, it will use it.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.

Radiance

Plenty of long-stemmed, silvery-pink, fragrant flowers under all conditions of soil and climate. This robust, disease-resistant variety never fails. A favorite in American gardens for nearly 40 years.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.

Red Radiance

Exactly the same as its sister, Radiance, except that the flowers are rich cerise-red.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.

Saturnia

A dazzling combination of cardinal-red, salmon-yellow, and copper. The vivid long-budded flowers fade rapidly in warm weather but along the coast they are glorious. Plant Pat. No. 349.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Signora

You seldom see this robust plant without breath-taking buds and flowers of intense scarlet-orange, shaded with tangerine and cerise, every one perfect regardless of the weather. The bloom is exceedingly attractive from the tightly rolled buds to the wide open flower. Plant Pat. No. 201.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Snowbird

Exquisite, small to medium, long, flaring, white buds open into snowy, many-petaled, high-centered blooms. Very fragrant. The vigorous free-branching plant will outbloom most white roses two to one.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Talisman

This vividly colored rose is probably better known as a florist's cut flower than any other. Exquisitely formed, orange-scarlet and golden-yellow buds are borne on long stiff stems and are richly fragrant. One of the best roses of its day but the newer Taffeta is better in this color range.

\$1.00 each, 3 for \$2.55, 10 for \$8.50.

Texas Centennial

A strong, tall, vigorous, 3 to 4-foot plant with heavy strong stems and magnificent large full buds and blooms. The color is a bright, glowing, carmine-red. It is a rosy red form of the famous President Hoover and has the same vigorous qualities. Give it plenty of room in your garden. Plant Pat. No. 162.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

The Doctor

Enormous, delicately colored, large-petaled, pink blooms which are sometimes so big you can hardly believe them real. The plant is modest in growth and you will have to give it a little extra attention, but it is certainly worth doing that to get those great, exquisite, silvery-pink flowers with an intensely sweet fragrance.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Armstrong



Climbing Golden Rapture

Belle of Portugal

No rose will grow more vigorously; 10 to 12 foot canes the first season are not at all unusual. The amazingly beautiful salmon-pink buds, too, are gigantic in size, often 3 or 4 inches in length. Do not expect it to bloom the first year after planting because it is too busy growing. But after that be prepared to enjoy its spectacular masses of bloom months before any other rose is in bloom.

\$1.25 each, 3 for \$3.15, 10 for \$10.50.

Billy Boiler

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 and quite double, the blooms are beautifully shaped and deliciously fragrant. The color does not fade in the hottest sun.

\$1.25 each, 3 for \$3.15, 10 for \$10.50.

Climbing Etalle de Hollande



Captain Thomas

This magnificent climber has myriads of single, creamy yellow flowers almost every week of the spring, summer, and fall. Its handsome glossy foliage is a beautiful covering for a fence or wall, practically mildew-proof, and, in California, ever-green. Plant Pat. No. 393.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Climbing Cecile Brunner

This famous Polyanthus has been a favorite climbing rose for over 50 years. Few roses can equal the continuous show of dainty, miniature, rose-pink, salmon-shaded bud clusters. Charming to old and new acquaintances alike. It is a strong grower, needs no special coaxing.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Climbing

Christopher Stone

The big velvety red flowers with waxy petals and delicious perfume so admired on the bush form of Christopher Stone can now be had on a climbing plant. Nothing makes a more beautiful display than a gorgeous red climber in the spring, and when this one is covered with its big, dazzling flowers, it is worth going a long way to see. Plant Pat. Pending.

\$2.00 each, 3 for \$5.10, 10 for \$17.00.

Climbing Dainty Bess

Everyone likes the dainty, single, suntan-pink flowers of the bush Dainty Bess. Imagine having a large climbing plant of that beautiful variety covered with hundreds of long-stemmed blooms in the spring instead of just a few. You can cut an armful of them most any day in spring and still have plenty left.

\$1.25 each, 3 for \$3.15, 10 for \$10.50.

Climbing

Golden Rapture

This glorious, rich, shining, yellow rose is fast becoming a favorite with rose growers everywhere. Not only will it produce hundreds of magnificent blooms in the spring, each one catching and reflecting the golden sunshine, but you can cut hundreds of long-stemmed beautifully formed buds and open flowers, and take that sunshine right into your house. Plant Pat. No. 508.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Mme. Gregoire Staechelin

For sheer exquisite beauty of color and form, this pink rose is unexcelled. The plant makes vigorous growth, produces an extraordinary abundance of good-sized, delicate pink blooms, shaded carmine. The long bud opens to a semi-double flower with a delightful fragrance.

\$1.25 each, 3 for \$3.15, 10 for \$10.50.



Mme. Gregoire Staechelin
Winner of the Famaus Bagatelle Gold Medal

Climbing Roses

Climbing Etoile de Hollande

Some of the finest big red buds and open flowers that we have ever seen are produced on this big, strong growing plant with its attractive great big fresh looking foliage. Actually the blooms are often larger and on longer stems than those of the bush Etoile de Hollande and they possess the same rich fragrance. We rate it as the finest red climbing rose that we grow and there are seldom enough plants to supply the demand because it is a difficult kind to propagate.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Climbing Hinrich Gaede

The color illustrated below does not begin to give you an idea of the richness and beauty of the brilliant orange-vermilion flowers. This climber does not stop with the spring blooming period but continues to produce occasional eye-catching blooms all through the summer and fall. An Armstrong Nurseries introduction. Plant Pat. No. 244.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Climbing Golden Dawn

In the spring the big handsomely foliaged plant is literally covered with large, fully double sunflower-yellow blooms and it will have many flowers right up to the late fall. You can expect from it just about everything desirable in a lighter yellow climber, including a rich, spicy fragrance. Plant Pat. No. 243.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Climbing K. A. Victoria

For over 40 years, K. A. Victoria has been considered one of the best white Roses of all because it blooms so freely and continuously no matter what the weather. This climbing sport will give you those same pure ivory-white buds and fully double flowers that have made this variety a leading white.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Climbing Mary Hart

Known as the Red Talisman, the bush rose Mary Hart has those outstanding Talisman buds in a velvety, blood-red shade. Now Mary has produced a climbing daughter with a complexion just as lovely but with so much vigor that she clambers over everything within reach. Each long-stemmed, beautifully formed bud is exquisitely fragrant.

\$1.25 each, 3 for \$3.15, 10 for \$10.50.

Climbing McGredy's Ivory


Good white climbing roses are hard to find. This one is just the answer to those who want a large-flowered white. Dozens of exquisite ivory white buds open to deliciously fragrant, big snowy flowers. Wonderful for cutting.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.



Climbing Hinrich Gaede

All-America Climber High Noon

 This new 1948 AARS Winner (see page 13) is a combination of intense, clear yellow buds that seem to have captured and held the bright golden rays of the midday sun. long, thornless stems, an 8-foot pillar of handsome glossy foliage, and a habit of blooming right on through the summer and fall. Originated in the Armstrong Research Department by W. E. Lammerts. Plant Pat. No. 704.

\$2.50 each, 3 for \$6.30, 10 for \$21.00.

Climbing Mrs. Sam McGredy

Marvelously formed buds and perfect flowers of rich coppery orange, an unusually striking color exclusively its own. The luxuriant, glossy, bronzy green foliage, the exceptional vigor, and those sensational long-stemmed blooms, make this a garden favorite. Plant Pat. No. 394.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.



Climbing Picture

Climbing Night

It is difficult to imagine anything more delightful than a big vigorous plant covered with exquisite deep dark red buds and large, velvety textured crimson flowers, shaded black and maroon. The flowers have a captivating cinnamon-clove fragrance. (Introduced by Armstrong Nurseries.) Plant Pat. No. 439.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Climbing Picture

Where you get dozens of blooms on the bush form of this popular pink variety, you will get hundreds of beautiful, long-stemmed, perfectly formed buds on this climber every spring. Each flower is a "perfect picture" in clear rose-pink with warm salmon undertones, each tangibly fragrant. (An Armstrong introduction.) Plant Pat. No. 524.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Climbing President Hoover

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 by leaps and bounds.

\$1.25 each, 3 for \$3.15, 10 for \$10.50.

Climbing Texas Centennial

The long, brick-red buds with their huge, rosy, open flowers are even larger, more lovely, and borne on longer stems than on the bush form of this popular rose. It is a big, vigorous grower, and will give you all kinds of long-stemmed, brilliantly colored buds for cutting. Plant Pat. No. 565.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

High Noon





Climbing Show Girl

Climbing Roses

New Beauty For 1949

Climbing Show Girl

Here is something really new. For the first time we are able to offer a climbing sport of that splendid deep pink rose which will furnish amazing quantities of the longest, most perfectly formed, deep-pink rose buds that you've ever seen. The plant is a vigorous grower and will produce enough long-stemmed flowers so that you can literally cut a bouquet nearly every day in the spring from this new pink climber. Just as the bush variety, described on page 17, is a vigorous grower with good luxuriant foliage, so this new climber will be the most vigorous and free-blooming climber in your garden. Originated in the Armstrong Research Department. Plant Pat. Appl. for.

\$2.50 each, 3 for \$6.30, 10 for \$21.00.

Gold of Ophir (Beauty of Glazenwood)

This is a marvelously beautiful thing in the spring when the vigorous plant is literally covered with masses of semi-double, old gold and apricot flowers. No one knows the age of some of the plants we have seen but the older they get, the more lovely they become.

\$2.00 each, 3 for \$5.10, 10 for \$17.00.

Climbing Talisman

It is difficult to imagine anything more striking than a fence or trellis with the marvelous buds and lovely red and gold flowers of Talisman. On a four-year-old plant we counted 311 perfect, long-stemmed buds and flowers at one time. How is that for a marvelous garden show?

\$1.25 each, 3 for \$3.15, 10 for \$10.50.

Marechal Niel

This superb old lemon-yellow Noisette, with its large, globular, delightfully scented blooms, is still very popular throughout the South and in California. It was introduced in France way back in 1864.

\$2.00 each, 3 for \$5.10, 10 for \$17.00

Paul's Scarlet



Mermaid

Grow it as a climber, as a pillar rose, or as a big rambling bush. It makes a great mass of glossy foliage the year around. Throughout the season it produces quantities of big, 5 to 6-inch, single flowers, pale sulphury-yellow with a gold center.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Paul's Scarlet

The flowers are 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 brilliant color until the last petal drops. For a brilliant mass of spring color this one is hard to beat. Hardy even in sub-zero climates.

\$1.25 each, 3 for \$3.15, 10 for \$10.50.



Cimbing Talisman

Rose Anne

A moderate grower, excellent where space is limited. The flowers of soft orange-apricot are borne on long 18-inch stems, making this one of the finest climbing roses of all for cutting.

\$1.25 each, 3 for \$3.15, 10 for \$10.50.

Sungold

Many lovely, long, slender, golden yellow buds with a hint of lemon, opening to full double flowers which hold shape and color well under all conditions. Hardy on the East Coast.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Old-Fashioned Charm

The Banksias

Banksia White. 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.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Banksia Yellow. The same as above but with little, button-like, soft yellow blooms which make a great show in their blooming season. Will climb all over trees, palms, or anything else.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

The Cherokees

We like to recommend the old-fashioned single flowered Cherokee Roses because they fit into informal landscapes so well. The foliage is a bright shining green, and the delicately colored single flowers are produced in great masses in the spring and to a lesser degree throughout the rest of the year. They do best when allowed to ramble over fence or wall without pruning. We have Pink Cherokee and Red Cherokee.

\$1.50 each, 3 for \$3.75, 10 for \$12.50.

Tree Roses

For lending the garden a touch of formality, few plants can equal the colorful tree roses. Standard, or tree-shaped roses are grown by budding the desired variety into a tall straight stalk at a height of 36 inches. The bushy head usually produces more flowers and larger ones than the bush type of the same variety.

Shipped Bare Root at Our Expense

During the months of January, February, and March, dormant, bare root tree roses may be safely shipped for immediate planting to Pacific Coast areas, warmer sections of the Southern States, and portions of the East Coast. Tree roses ordered during that period can be held in cold storage for delivery to colder sections at later planting time. We do not recommend them for sub-zero climates unless proper winter protection can be given.

Prices on all bare root, dormant Tree Roses, \$4.50 each, \$40.00 per 10. Ten assorted Tree Roses sold at the 10-rate.

Charlotte Armstrong

Long, blood-red buds and brilliant cerise flowers of astonishing size and beauty. Our finest rose.

Christopher Stone

Glowing, brilliant crimson-scarlet with deep, dusky shadings.

Countess Vandal

Salmon-pink shaded copper and gold. Vigorous and consistent.

Debonair

Beautiful, richly colored yellow buds against a background of glossy foliage.

Eclipse

Great quantities of long streamlined yellow buds.

Forty-niner

New 1949 All-America with contrasting petals of brilliant scarlet and yellow. See page 9.

Heart's Desire

Magnificent long red buds, extremely fragrant.

Horace McFarland

Orange-pink buds and fine big flowers of apricot-pink.

K. A. Victoria

Lovely buds and full high-centered flowers of snowy white.

Mirandy

Glowing, dark red buds and many-petaled flowers with a wealth of perfume. Magnificent warm weather rose.

Mrs. E. P. Thom

Fragrant buds of clear shining canary-yellow.

Nocturne

New 1948 AARS Winner with amazing streamlined buds and glorious flowers of cardinal-red, with darker shades.

Peace

Huge, yet perfectly formed and delicately colored flowers of yellow, pink, and cream.

Picture

Sparkling, warm pink buds and open flowers in great profusion.

Miniature Tree Roses

Here is something new and unusual for your garden. These many-flowered Floribundas, budded on 24-inch stalks, make splendid and unique all-season displays in your garden. They can be used to border your rose garden or as specimens. These little half standards can also be used as potted or tub plants for your patio or outdoor living room. As far as we know, you will find these distinctive little tree roses only at Armstrong Nurseries.

\$4.50 each, \$40.00 per 10.

Pinkie

Just as the bush of this 1948 AARS Winner keeps amazing one with its enormous quantities of pink, petite, perfectly formed buds and 2-inch open flowers, so will this tree-form of Pinkie give constant masses of color. The compact rounded plant makes a perfect little tree rose.

Chatter

The entire bushy head will be a mass of bright velvety crimson, 2-inch blooms.

Goldilocks

A true golden Floribunda Rose with great quantities of 2 to 2½-inch flowers constantly in bloom.



San Fernando

1948 AARS. Intense brilliant red, with rich fragrance. Flower long lasting, plants vigorous.

Show Girl

Great, long buds of deep rose-pink. More than satisfying, it is a spectacular rose everywhere.

Snowbird

Beautifully shaped white buds open into snowy, many-petaled blooms. Very fragrant.

Taffeta

1948 AARS Winner, displaying beautiful color combinations of carmine-rose, apricot, and yellow.

Tallyho

New 1948 AARS Winner. A spectacular bicolor, brick-red and cerise-pink. See front cover.



Ornamental Shrubs and Trees

Plant The Best

When you plant an Armstrong shrub or tree you get far more than an ordinary plant for extraordinary care is used in growing every Armstrong product.

How a plant is going to grow for you is determined largely by how that plant has been handled in the nursery. Some plants can be grown either from seeds or from cuttings or by budding or grafting. Growing from cuttings or by budding or grafting, makes them more costly to produce, but if it is a better plant for you, that's the way we grow it. Any plant or tree which you buy at Armstrong Nurseries must be grown by our approved methods and must measure up to our standards of quality. For 59 years these standards of quality have been maintained. That is why our mail order customers can order with confidence, even though they do not see the plants before they are delivered. A visit to any one of our salesyards will confirm what we're talking about.

Quantity Discount

All items in this catalog which do not show separate quantity prices are subject to the following table of quantity discounts. Plants in tubs, boxes or flats excepted.

Discount

10 plants or more of one variety 10% off listed each price
25 or more assorted plants 10% off listed each price
50 or more assorted plants 15% off listed each price

It Is Easy To Get

Armstrong Plants

If you live in Southern California, we strongly recommend that you select your ornamental plants at the nearest of the four Armstrong salesyards—Ontario, North Hollywood, Culver City, or Long Beach. Each salesyard carries a complete stock of Armstrong products. You'll enjoy looking at the many plants in bloom, and you'll be able to see what the various kinds look like. Full information on any planting problem is yours simply for the asking. Our salesmen are trained nurserymen who know what they are talking about. Every day is a flower show in each Armstrong salesyard. In the winter and spring, particularly, you'll see hundreds of camellias and azaleas in full bloom, and you'll always see something different that you've probably never seen before.

But if you cannot come yourself, you can send your order to us through the mail with complete confidence no matter whether you live in Southern California or anywhere else in the country. Our mail order customers are very important to us, and we select the material, pack it, and ship it with as much care as if you were on hand to supervise the job yourself. Your order will reach you by the best available means of transportation. See page 4 for detailed shipping information.

Armstrong Azaleas

For glorious masses of spring color the Azaleas have no equal. They are available in a wide range of delightful colors from snowy white through pastel shades of lavender, pink, rose, and salmon, to vivid oranges and fiery reds. They are most effective when several plants are grouped.

How to Grow Them

Azaleas prefer full shade or semi-shade and are particularly fine for planting on the north side of the house. They are excellent also under deciduous or evergreen trees where they are in filtered sunlight. The plants with their handsome glossy green foliage are always attractive even when they are not in bloom. Azaleas prefer an acid soil composed largely of peat moss or leaf mold. The soil can be kept in proper condition by frequent applications of an acid plant food. Give them plenty of water, especially during the warm, dry summer and fall. We send detailed planting instructions with every order.

See Them in Bloom

Every one of our four salesyards is a brilliant mass of color winter and spring. There are thousands of Azaleas in bloom. See for yourself what a spectacular show Azaleas can make in your own garden.

Shipping Weights

6-inch pots, approximately 3 lbs.; 9-inch pots, 8 lbs.; tubs, 50 lbs.; packed for shipment.

Azalea L. J. Bobbink

Kurume Azaleas

Kurume Azaleas will always be popular because they bloom so heavily. The leaves are not as large as those of the Rutherfordiana or Indica types, and they lose part of them during the early winter months. Before winter is over, and on into spring, the plants are indescribably lovely clouds of pastel-colored flowers. For enormous quantities and masses of bloom no other Azaleas can excel them. The plants reach 2 to 6 feet in height, and are hardy down to 10 degrees.

All varieties, blooming size: 6-inch pots, \$2.00; 9-inch pots, \$4.00; large specimens of some varieties in tubs, \$12.50.

Coral Bells. Beautiful semi-double flowers in the delightful shade of pink known as Chinrose. Because of its bright cheerful color and amazing quantity of blooms it is usually the most popular of all the Kurume Azaleas.
3785—6-inch pot. 3786—9-inch pot.

Coralie. This is the finest Kurume Azalea in the salmon shades. Medium size, semi-double flowers in glowing pastel salmon-pink, a very lovely and intriguing shade. Flowers grow in clusters on the tip of every branch.
3790—6-inch pot.

Firebird. One of those brilliant orange-scarlet shades that draws attention as far as you can see it. The semi-double blooms literally smother the plant. It blooms rather late in the season after some of the others are gone.
3795—6-inch pot. 3796—9-inch pot.

Laughing Water. Differs from most of the other Kurumes in having very large blooms, 2½ inches across. The finest of the white azaleas of this type with a delightful fragrance.
3800—6-inch pot.

Orchid. Another large-flowered single azalea in a rich orchid-purple shade. Spicily fragrant. While not as profuse as some, the flowers are big and showy.
3805—6-inch pot. 3806—9-inch pot.

Snowflake Double. Many small semi-double flowers of pure white. A fine contrast with other shades.
3810—6-inch pot. 3811—9-inch pot.

Vivid. A very brilliant shade of cardinal-red, vivid and spectacular. The compact spreading plants are exceedingly free in bloom.
3815—6-inch pot. 3816—9-inch pot.





Purity—A Large-Flowered Rutherfordiana Azalea

Azalea Rutherfordiana

Plant Pat. Nos. 145, 146, 147

These magnificent new hybrids combine all of the finest characteristics of other azalea types. The flowers are very large, and appear in clusters. The colors range from pure white to deep carmine and may be had in single, semi-double, and double varieties. Azalea Rutherfordiana keeps its splendid luxuriant foliage throughout the year and makes a handsome garden plant at all times. During the blooming season, which occurs during February and March, the 2 to 4-ft. plants are literally smothered with the beautiful flowers.

On the Pacific Coast they thrive readily in the garden, and are perfectly hardy down to zero, but the flower buds will be damaged if the temperatures go below 25°.

All varieties, blooming size, 6-inch pots, \$2.75; 9-inch pots, \$5.00; large specimens of some varieties in tubs, \$12.50.

Alaska Medium sized, semi-double, pure white with a light greenish throat. The plant is a very compact, low, bushy grower. Blooms early.
3670—6-inch pot.

Albion The most fragrant azalea that we grow. The snowy white semi-double blooms are usually at their best during the Easter season.
3675—6-inch pots. 3676—9-inch pots.

Constance Deep lavender-pink, paling to a light creamy pink in the center. Single. Blooms early to midseason.
3680—6-inch pots. 3681—9-inch pots.

Dorothy Gish Brick-red with rich red markings in the throat. Early to mid-season. Semi-double.
3685—6-inch pots. 3686—9-inch pots.

Firelight Bright cherry-red with markings of currant-red. Two rows of petals. Blooms early.
3690—6-inch pots. 3691—9-inch pots.

Glowing Sunset Brick-red with large, semi-double, wavy-petaled flowers. Vigorous and free blooming.
3693—6-inch pots.

L. J. Bobbink The big, semi-double blooms are a lovely lilac color and have a delightful fragrance. Blooms late.
3695—6-inch pots. 3696—9-inch pots.

Lambertus C. Bobbink The most brilliant of the Rutherfordianas. Rich glowing red-scarlet. In the middle of the blooming season the plant looks to be on fire. Semi-double. Plant Pat. No. 611.
3700—6-inch pots. 3701—9-inch pots.

Purity Large, pure white blooms, quite fragrant, 2 rows of petals. Blooms quite early. With Purity and Albion both in your garden you will have white azalea flowers during the entire blooming season.
3705—6-inch pots. 3706—9-inch pots.

Rose Queen Large, double, deep rose-pink. The early flowers are the brightest pink shade of all. A heavy bloomer.
3710—6-inch pots. 3711—9-inch pots.

Azalea Indica

These spectacular azaleas, with the large blossoms, 3 and 4 inches across, semi-double and double, are those that many of you have seen at the famous Magnolia Gardens and other renowned azalea gardens of the Carolinas and the Gulf Coast. It is easy to bring that Southern charm into our own gardens with the Indica Azaleas. The brilliant colors and large flowers which are characteristic of the Indicas give a generous supply of color in the spring.

The Indica Azaleas grow and thrive in the Pacific Coast gardens just as well as the Kurume and Rutherfordianas. The plants are extremely good looking, evergreen and tend to grow lower and more spreading than the others.

Price: 6-inch pots, \$2.75; 9-inch pots, \$5.00; large specimens of some varieties in tubs, \$12.50.

Varieties of Indica Azaleas

Albert and Elizabeth. Magnificent big blooms of deep pink, blotched, edged and flecked with white.
3715—6-inch pots. 3716—9-inch pots.

Hartlieb. Beautiful lavender-pink, lighter at the edges. Blooms early.
3720—6-inch pots.

Hollandia. The same vivid traffic-signal red color which is found in Wm. Van Orange listed below, except that the flowers are double. Blooms midseason to late.
3725—6-inch pots. 3726—9-inch pots.

Paul Schame. A large single flower sometimes to 3 inches. Deep salmon-orange, daintily flecked with crimson. Blooms early.
3740—6-inch pots. 3741—9-inch pots.

Pax. Large, fragrant, semi-double white. Three inches across.
3745—6-inch pots. 3746—9-inch pots.

Mme. Petrick Superba. Semi-double blooms of rosy pink, with a margin of snowy white. Very early.
3730—6-inch pots. 3731—9-inch pots.

Mme. Van der Cruyssen. Big blooms of clear salmon-pink, crimson dots in throat. Blooms midseason.
3775—6-inch pots. 3776—9-inch pots.

Mrs. Fred Saunders. Big blooms of deep cherry-red. Blooms early and continues long into the season.
3735—6-inch pots.

Perts de Noisy. A dainty pale lavender shade. Large single flower. Blooms early.
3750—6-inch pots.

Pink Pearl. A single to semi-double with large flowers of light clear pink with darker markings.
3755—6-inch pots.

Pride of Mobile. A large, single, watermelon-pink with deep crimson markings. Late.
3760—6-inch pots. 3761—9-inch pots.

Schame Frize. Deep salmon-pink with flecks of red. Flowers are double and have daintily frilled petals.
3765—6-inch pots.

Snowdrift. A very late blooming pure white. The flowers are large, semi-double. Because of its lateness it is a welcome addition to the garden.
3770—6-inch pots.

William Van Orange. A sensational vivid traffic-signal red. Extremely showy. Blooms late.
3780—6-inch pots. 3781—9-inch pots.

Azalea Rutherfordiana Dorothy Gish





Anita—Sensational Striped Camellia

Armstrong Superior

There is a vast difference in the quality of camellias and much care goes into a properly grown plant. One look at the vigorous, bushy, Armstrong-grown plants and their shiny healthy foliage will convince you that here is quality. That isn't the whole story, however, for extra care in the selection of the parent stock plus many years of propagating experience make a big difference in the way in which these plants will grow and bloom in your garden.

We believe Armstrong-grown camellias are the finest that you can buy at any price. When you buy a camellia plant it is not only the price of the plant to be considered but the size of the plant, how long before it will bloom, and its trueness to name. You may be able to buy cheaper camellias, but we do not believe that you can buy better camellias.

Flowers and Foliage

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. The plant itself is handsome, with its glossy evergreen foliage forming a perfect setting for the bright colored blooms. Camellias are especially valuable because of their ability to produce such great quantities of winter and spring blooms when garden color is scarce. Camellias are unsurpassed in their adaption to shady or semi-shady places and they have a definite place in Southern California landscaping. They can be used for border or foundation planting and are practically pest-free. Their foliage alone far surpasses that of most other plants suitable for shady spots.

Where to Plant Them Camellias grow well everywhere on the Pacific Coast except on the desert, and nearly everywhere in the Southern States. Frost does not bother the plants since they are hardy down to 10°, but the flowers may be injured. Plant in a good well-drained soil and a sheltered, partly shaded location. We send planting instructions with each order.



Adolphe Audusson

A camellia that is outstanding because of its very large size, 4 to 5 inches across, and its startling turkey-red color. It is semi-double, opening to a large flat flower with a glowing cluster of brilliant golden stamens and the enormous size of the flower makes this kind outstanding. The tall upright growing plant is very free blooming—starts while small. Midseason.

3901—5-gal. tins, \$15.00.

Alba Plena *The Perfect White*

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, but it is still rare. Blooms very early.

3910—Gal. tins, \$3.00. 3911—5-gal. tins, \$9.00.

3912—Extra size, 5-gal. tins, \$15.00.

Anita

One of the most beautiful of striped camellias with medium sized, high-centered flowers having 4 rows of petals. The background color is pale pink, with many vivid stripes and splashes of red. Vivid coloring and an unbelievable number of blooms make this a most desirable kind. Midseason.

3930—Gal. tins, \$2.50. 3931—5-gal. tins, \$7.50.

Arajishi

It will often start to bloom as early as late September and will bloom all through the season. The currant to cardinal-red flower, about 4 inches across, somewhat resembles Prof. C. S. Sargent, illustrated on page 39, but is not as regular in form. The plant is very vigorous with an attractive pendulous habit of growth.

3951—5-gal. tins, \$9.00.

Soil Preparation The addition of some peat moss or leaf mold to most soils insures better results. Especially for Southern California soils, at least 50% peat moss is a good mixture.

When to Plant Camellias can be planted at any time during the year, but it is best to avoid planting in very hot weather.

Extra Large Sizes The extra size plants in 5-gallon tins listed here are at least one year older than the usual five-gallon size. Prior to the blooming season nearly all of them will have flower buds.

Shipping Weight Gal. tins weigh approximately 6 lbs.; 5-gal. tins, 30 lbs. For shipping costs and truck delivery information, see page 4.

Note: Solid colored camellias may occasionally show slight markings or may have a flower of an entirely different color and shape. This does not necessarily mean that it is incorrectly named because it is the nature of camellias to sometimes show variation.

Arthur Middleton

Deep pink with salmon shadings, 3 to 3½ inches across. The flower, fine for cutting, is of irregular rose form, slightly tufted in the center, with many petals. The upright plant is a good grower. Blooms midseason.

3962—Extra size, 5-gal. tins, \$15.00.

Elegans (Chandler) is Often 6 Inches Across



Camellias

From One Of The Finest Collections In America



C. M. Hovey

C. M. Hovey (Colonel Firey)

Near the top in red camellias because of the glowing rich crimson or cherry-red color and the beautifully shaped flowers, up to 5 inches across. The many petals open out beautifully into a broad, formal double bloom, similar to the famous Pink Perfection but much larger. Very lovely under artificial light. The plant is fairly slow growing as broad as it is high. It sets many perfect blooms during the late part of the season.

3970—Gal. tins, \$3.00. 3971—5-gal. tins, \$9.00.

Candida Elegantissima

The color illustration cannot equal the bright cheerful shade of pink which this fine camellia possesses. Very large, 4 to 6-inch, semi-double flower of bright rose-pink, heavily marbled with white. Has 10 or 12 extremely large petals with a few smaller ones in the center. Most informal and lovely. A slight sweet fragrance. Midseason.

3990—Gal. tins, \$2.50. 3991—5-gal. tins, \$7.50.
3992—Extra size, 5-gal. tins, \$12.50.

Cheerio

You may get four distinctly different colored flowers on one plant with Cheerio. (1) Sometimes solid pink, (2) pure white, (3) occasionally half red and half white, (4) but most often white, striped or flecked with red. It is a broad-petaled, semi-double flower of average size on a moderate growing, upright, bushy plant. Unique for dish display, it produces lots of blooms in early midseason.

4005—Gal. tins, \$3.00. 4006—5-gal. tins, \$9.00.

Covina

A tall, compact, vigorous plant and a tremendous producer of medium sized, semi-double, clear rose-pink blooms which open over a long period. One of the easiest of all camellia varieties to grow. Blooms midseason.

4010—Gal. tins, \$2.00. 4011—5-gal. tins, \$6.00.

Czarina

Look farther on page 38 at the description of Emperor of Russia and just imagine that variety with a few white spots on the flowers which many people think is more interesting. Early to midseason.

4021—5-gal. tins, \$7.50.

Daikagura

Its large, double peony form, deep rose-pink flowers (sometimes blotched with white) would be beautiful at any season, but are doubly valuable because it is the earliest camellia to bloom. Flowers often appearing in October and continuing for many weeks.

4031—5-gal. tins, \$9.00.

Dante

It is sometimes called "White Pine Cone" because the half open flower with its high center bears a striking resemblance to a pine cone. The flower has 8 to 10 rows of imbricated petals standing almost erect, and each petal is pointed, giving a very unique effect. This is an excellent variety for dish display. Blooms late.

4040—Gal. tins, \$3.50.

Debutante

This lovely shell-pink camellia is going to be one of the most popular of all varieties wherever camellias are grown because of the charm of its delicate soft coloring and its graceful pleasing form. It is a typical and perfect example of the peony form type. For corsage or flower arrangement or just to admire on the plant. Debutante captures the affection of everyone who sees it. The plant is exceptionally vigorous, grows with great rapidity and freely produces the stunning pink flowers early in the season.

4050—Gal. tins, \$3.50. 4051—5-gal. tins, \$15.00.
4052—Extra size, 5-gal. tins, \$25.00.

Eleanor Hagood *New, Rare, Lovely*

Regardless of how many adjectives we may use, it would be impossible to adequately describe the appealing beauty of Eleanor Hagood. We believe it is the finest camellia of its form and color. When better known this will unquestionably be one of the most popular of camellia varieties. The large flower, 4 to 5 inches across, is fully double with petals in a formal arrangement. Moderately wide at the outside, the petals diminish in length and width to very small petals in the center. The color is a delightful shade of clear, soft pink, deeper than the favorite Pink Perfection. It is a perfect cut flower for corsage or arrangements. The plant grows quite rapidly having slender, slightly arching branches—a graceful good-looking plant. The plants are scarce, so order early. Blooms mid to late season.

4070—Gal. tins, \$7.50. 4072—5-gal. tins, \$30.00.

Elegans (Chandler)

One of the largest and most spectacular of all camellias. The great 6-inch rose-pink flowers, lightly splashed with white, will astonish you with their size and beauty. The slow-growing, comparatively dwarf plant produces its gigantic beautifully colored blooms in great profusion, setting an amazing number of buds even on very small plants. The anemone-formed flower is a wonderful cut bloom for bowl or corsage. Blooms early to midseason.

4080—Gal. tins, \$3.50. 4081—5-gal. tins, \$12.50.
4082—Extra size, 5-gal. tins, \$20.00.

Elena Nobile

An uncommon variety, outstanding because of the extraordinarily rich color of the blooms—brilliant turkey-red, almost the color of poinsettias. The medium sized, semi-double blooms keep well after cutting, and are splendid for corsage or bowl arrangements. A vigorous, upright bushy plant. Blooms late after most kinds are gone.

4090—Gal. tins, \$3.00. 4091—5-gal. tins, \$9.00.

Ella Drayton

This deep rose-pink bloom, so deep that it is almost red, has the ideal form and size for a cut flower. The 4-inch blooms are fully double, with perfectly imbricated petals. If you like perfection in form, you'll like this one. A tall slender plant. Blooms midseason.

4101—5-gal. tins, \$9.00.

The gorgeous pink and white flowers of Candida Elegantissima are 4 to 6 inches across.



Camellias



Camellia Debutante

Emperor of Russia

The large 3½ to 4½-inch flowers have very large petals around the outside, with smaller wavy petals in the center, making a high-centered bloom of great beauty. The color is brilliant scarlet (Geranium Lake). Plant semi-dwarf, beautifully foliaged. Blooms early to midseason. Peony form. One of the finest of red camellias. 4111—5-gal. tins, \$7.50. 4112—Extra size, 5-gal. tins, \$12.50.

Enrico Bettoni

One of the largest and most beautiful of the deep rose-pink camellias. flowers are high-centered and full. 4120—Gal. tins, \$2.00. 4121—5-gal. tins, \$6.00.

Fancy

The 3-inch peony-form flowers are very double and high-centered. The color is a brilliant shade of red, enhanced in startling fashion by the satiny finish of the petals. Plants large-foliaged, slow growing, spreading in habit. 4140—Gal. tins, \$2.50. 4141—5-gal. tins, \$7.50.

Fanny Bolis

Big red flowers, blotched with white, the enormous petals loosely arranged. The flower becomes 4 to 6 inches across and is one of the largest and most beautiful of the variegated camellias. The handsome plant always has plenty of flowers. Blooms midseason. 4150—Gal. tins, \$2.50. 4151—5-gal. tins, \$7.50.

Fimbriata

A rare and beautiful white camellia, larger than average, with formal double, high-centered, many-petaled flowers. Each snowy white petal is delicately frilled or fimbriated around the edges. The plant is somewhat dwarf, slow-growing, with a spreading habit. We consider it to be one of the most beautiful camellias in our entire list, resembling the famous Alba Plena except for the frilled petals. See illustration on page 39. Midseason. 4171—5-gal. tins, \$15.00. 4172—Extra size, 5-gal. tins, \$20.00.

Firebrand

This is probably the most brilliantly colored red camellia in our entire list. The large, semi-double flowers are a brilliant, dazzling Orient-red. They have 4 rows of large petals, sometimes with some additional petaloids and sometimes without, but nearly always showing a beautifully contrasting cluster of bright buttercup-yellow stamens. The plant is a strong, bushy grower with handsome dark green foliage, blooming with great freedom. Midseason. 4190—Gal. tins, \$3.00. 4191—5-gal. tins, \$9.00.

Francine

If you like the very large, anemone-formed flowers of the popular Elegans, illustrated on page 36, then you'll certainly like this one too, because it is simply a solid pink form of that great camellia. The flowers are very large and variable in shape, but usually have a few large petals surrounding a tuft of petaloids in the center. The plant is dwarf and slow growing. Early to midseason. 4220—Gal. tins, \$3.50. 4221—5-gal. tins, \$12.50.

General Douglas MacArthur

One of the darkest red camellias which we have. The flowers are very double, of medium size, 3½ to 4 inches in diameter, and are variable in form. At times the center petals vary in size and are mixed, giving a peony form effect. The strong growing plant is one of the best foliaged of all camellias. Blooms early midseason. 4230—Gal. tins, \$3.00. 4231—5-gal. tins, \$9.00.

Gigantea

If you like your camellias huge and the plants large foliaged, and extremely vigorous in growth, then you should plant this one. The flowers are gigantic, semi-double, with very large petals of bright red, marbled, blotched, and dotted with white. The plant is very tall and strong growing with leaves probably larger than those of any other camellia variety that we grow. A startling variety, one that every camellia lover will want to own. Blooms midseason. 4250—Gal. tins, \$3.50. 4251—5-gal. tins, \$12.50.

Glen 40

This is the red camellia that everyone wants. When you see the bloom you will understand why. The very large flower, 3 to 5 inches across, is quite double, with many broad, beautifully imbricated petals of deep red. The orange-scarlet undertone gives a unique brilliant effect. The color plate illustrating this variety, shown below, falls far short in giving an idea of the spectacular color of Glen 40. We have seen blooms on young plants before they were 6 inches high. The plant is semi-dwarf, beautifully foliaged with lustrous dark green leaves. There has never been enough Glen 40 to go around, so we feel very fortunate in being able to have enough to offer to you for the first time this season at a very reasonable price. It is one of the varieties in the very special All-Star Trio described at the left. Blooms late midseason to late. 4260—Gal. tins, \$6.00. 4261—5-gal. tins, \$20.00.

Camellia Glen 40



The All-Star Trio

These three remarkable camellias offered as our All-Star Trio are not just ordinary kinds but the finest in their class—they are rare and lovely. For those who want something special, of which they can be exceedingly proud, we offer these three kinds in one group. 3899. One each of Alba Plena, Debutante, Glen 40, in gal. tins for \$11.25.

Glen 40. This perfect, new, double red camellia is very much sought-after today. Fully described above, at right.

Debutante. See page 37 for full description of this lovely pale-pink camellia, one of the best of the newer kinds.

Alba Plena. No collection of the best in camellias would be complete without this famous, perfect, white camellia. See page 36.

Herme

The large, 4-inch, semi-double flowers of bright rose-pink, have a broad irregular border of white around each big petal and occasionally stripes of bright red. This is one of the few fragrant camellias, possessing a delicate sweet perfume. The illustration below will give you an idea of the lovely form and striking color scheme. The tall slender plant is a splendid vigorous grower with fine looking foliage.

4280—Gal. tins, \$2.00. 4281—5-gal. tins, \$6.00.
4282—Extra size, 5-gal. tins, \$10.00.

Kumasaka

Giant, 4 to 5-inch, rose-pink blooms of informal, irregular form, with some very large outside petals and many smaller petaloids in the center. Sweetly fragrant. The tall, slender, vigorous plant produces many perfect blooms over a long period. Midseason to late.

4320—Gal. tins, \$2.50.

Lady Clare

Spectacular best describes this giant, semi-double, pink camellia (Tyrian Rose), for it is among the showiest in pink shades. With its 15 or 20 large satiny petals, surrounding a tuft of bright golden stamens, the big 4 to 5-inch bloom is a marvelous sight. The flower is at first cup-shaped, becoming wide and flat as it ages. Too big for a corsage flower but a beauty for bowl display. A spreading plant. Midseason to late.

4330—Gal. tins, \$3.00. 4331—5-gal. tins, \$9.00.

Lady Vansittart

The large, semi-double, vivid deep pink blooms have 3 rows of broad, wavy-edged petals, symmetrically arranged. The glossy wavy foliage is among the most beautiful in camellias, and the plant sets buds by the dozens. Midseason to late.

4340—Gal. tins, \$2.00. 4341—5-gal. tins, \$6.00.

Lotus

This extraordinary camellia opens a beautiful long slender white bud into an enormous cupped flower resembling a gigantic water lily, with 3 rows of large snowy white petals. Nor do you have to wait for these flowers because Lotus starts to bloom while quite young. The best flowers will develop on plants growing in full shade but all of them make a great show on the bush and are fine for cutting. Compact handsomely foliaged plant. Blooms midseason.

4380—Gal. tins, \$3.50. 4381—5-gal. tins, \$12.50.

Lorelei

This seedling produced in the Armstrong Research Department has a unique flower form, makes an outstanding plant, and has a very definite fragrance. The flowers are large, 4 to 5 inches in diameter, rose-pink to crimson in color. The outer petals are broad, fully imbricated, with the edges being distinctively crimped. Toward the center the petals become smaller and the flower when fully opened has a tuft of very small crimped petals and petaloids with stamens intermingled. It is difficult to adequately describe Lorelei because it is so distinctive and unusual in form that it has no comparison. The variety grows quickly into a very compact heavily foliaged plant producing large quantities of flowers almost immediately. Blooms late midseason.

4375—Gal. tins, \$3.50. 4376—5-gal. tins, \$15.00.

Marchioness of Exeter

In size, brilliancy of coloring, and perfection of form, this beautiful pink camellia—salmon-pink with occasional white markings—is possibly the loveliest in its color. The gigantic 4 to 5-inch peony-form flowers are crowded with petals, gracefully arranged. Spreading, willowy plant. Blooms early.

4390—Gal. tins, \$2.50.
4391—5-gal. tins, \$7.50.

Mathotiana Rosea

Perfectly formed flowers, 3 to 3½ inches across, large-petaled, formal double, of dainty clear pink without other shadings. A big vigorous plant with large showy foliage. Flowers are best in the cooler coastal areas. Blooms late.

4430—Gal. tins, \$3.50.
4431—5-gal. tins, \$12.50.
4432—Extra size, 5-gal. tins, \$20.00.

Monjisu

In a competition to determine the variety producing the most blooms per plant, we would place a bet on this fine kind. The plant is semi-dwarf in habit making it especially useful for growing in tubs or in places where you want a lot of bloom and do not have too much space. The flower is of medium size, rosy red with white spots. It has an open rose form with a very high center. The velvety textured petals, wavy and undulating, offer a delightful contrast with the bright golden yellow stamens. Even very small plants will carry dozens of flowers and you will not have to wait for blooms on this variety. Year in and year out the plant maintains its compact, formal shape. While some camellia varieties have more outstanding flowers, none will out-produce or give more general satisfaction than Monjisu. Blooms midseason to late.

4460—Gal. tins, \$3.00. 4461—5-gal. tins, \$9.00.



Professor C. S. Sargent—One of the Finest of Reds
See page 40

Lila Lee A Spectacular New White

A new snowy white camellia produced in the Armstrong Research Department by J. S. Armstrong, President of the Armstrong Nurseries. Lila Lee is a peony form flower, 3 to 3½ inches across. We believe this is one of the finest white camellias for corsage use because the flower has good substance and will last a long time and the lovely texture and delightful form give the bloom more daintiness and charm than can be found in any other camellia. The plant is very vigorous with glossy medium sized foliage and it has a habit of setting so many flower buds that it may be necessary to remove part of them to get size of bloom and proper opening of flowers. If you would like one of the finest white camellias for corsage or cutting in your garden, something that is new, rare and unusual, you will want Lila Lee. Blooms early midseason. Plant Patent Applied for.

4370—Gal. tins, \$6.00. 4371—5-gal. tins, \$20.00.

Mathotiana (Julia Drayton)

By far the largest red camellia that we grow. The huge flowers, sometimes 6 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 (young plants sometimes carry flowers with an open center). Its clear bright color and enormous size make it one of the most spectacular and magnificent of all camellias. One glance at the color illustration on the next page will give you some idea of what we mean. The plant is possibly the strongest and fastest growing that we have, with very large, luxuriant foliage. This variety is one of 4 kinds included in our Cornerstone Collection described on page 41. Blooms midseason to late and the flowers keep opening for many weeks.

4410—Gal. tins, \$3.00.
4411—5-gal. tins, \$9.00.
4412—Extra size, 5-gal. tins, \$15.00.

Fimbriata—The Frilled Beauty



Camellias

Prince Charming

For beauty of form and clarity of color, we think this brand new Armstrong seedling is one of the finest camellias we have seen in a long while. The flower measures $3\frac{1}{2}$ inches across and is of clear deep rose-pink. Its big waxy petals form a high-centered semi-formal arrangement with the rose bud center unfolding into a tuft of tiny petaloids. The plant of medium height is extremely vigorous and handsome. Mid to late season.

4540—Gal. tins, \$6.00.

Pink Splash

Another new Armstrong seedling with semi-double flowers in a high-centered informal arrangement. The color scheme is intriguing with stripes and flecks of crimson against a white background. A large number of widely spread stamens make a very brilliant bright yellow spot in the center of the flower. Midseason.

4526—5-gal. tins, \$12.50.

Prince Eugene Napoleon (Pope Pius IX)

Huge salmon-red flowers up to 4 inches across in a beautiful high-centered, fully double arrangement which never shows the stamens. A camellia that is rare and lovely, different in color and different in form from any other. Easier to grow than any of the large completely double camellias. Early to midseason.

4550—Gal. tins, \$3.50. 4551—5-gal. tins, \$15.00.

Princess Bacciochi

Among the very double, peony-form camellias, this is one of the best. The color is a rich velvety carmine-red and the variety is one of the best consistent performers of all camellias. This is also included in our Cornerstone Collection—see opposite page.

4560—Gal. tins, \$2.50. 4561—5-gal. tins, \$7.50.

4562—Extra size, 5-gal. tins, \$12.50.

Prof. C. S. Sargent

This will be one of the most satisfactory red camellias in any garden. The deep scarlet flower, 2 inches across, is crowded with many small petals and is full and round almost like a pompon chrysanthemum. The flower often carries more than 200 petals and the color is extremely deep and rich. The small-growing plant blooms very freely and is one of the hardiest of all camellias. Midseason to late.

4570—Gal. tins, \$2.50. 4571—5-gal. tins, \$7.50.

4572—Extra size, 5-gal. tins, \$12.50.

Purity

Its name describes it. Symmetrical, exquisitely formed, double, snow-white blooms of large size, $3\frac{1}{2}$ inches across, are perfect for a cut flower and being a late bloomer flowers are nearly always available at Easter time. This is another camellia included in our Cornerstone Collection. See opposite page.

4580—Gal. tins, \$2.00. 4581—5-gal. tins, \$6.00.

4582—Extra size, 5-gal. tins, \$10.00.

Regina dei Giganti

A lovely salmon-pink color distinguishes this beautiful camellia. The large flower is $4\frac{1}{2}$ inches across with two rows of large outer petals and the center of the bloom is filled with long petaloids. It blooms with great abandon, even young plants producing many fine flowers. The plant is compact, well branched, and upright in habit with large glossy leaves. Midseason.

4600—Gal. tins, \$2.50. 4601—5-gal. tins, \$7.50.

Camellia reticulata

An entirely different species of camellia than the other varieties described in this catalog. This kind has aroused great interest and has been long impossible to obtain because of propagation difficulties. The flowers are very large, sparkling bright pink, semi-double, with broad, wavy frilled petals. There is a rich iridescence to the color which is found in no other camellia and once you have seen it you can understand why everyone is so excited about it. The plant has interesting long light green foliage unlike that of *Camellia japonica*.

4610—Gal. tins, \$7.50. 4611—5-gal. tins, \$17.50.

Rosy Dawn

This is just like Herme, described on page 39 except that the flowers are a clear sparkling pink with no other shadings. Midseason.

4646—5-gal. tins, \$7.50.



The Famous Pink Perfection

Mrs. John Laing

A splendid symmetrical, fully double, formal flower of clear carmine-rose, $3\frac{1}{2}$ inches across. Fine for cutting or for corsages. Midseason.

4480—Gal. tins, \$2.00. 4481—5-gal. tins, \$6.00.

4482—Extra size, 5-gal. tins, \$10.00.

Panache

Pale pink heavily striped with deeper pink. The largest, glossiest, and handsomest foliage of all camellias. Plant in full shade. Blooms late.

4500—Gal. tins, \$2.50. 4501—5-gal. tins, \$7.50.

Pink Perfection (Frau Minna Seidel)

The most popular camellia ever grown. Its formal double, medium-sized blooms of delicate light pink are always charming and it blooms from Thanksgiving right through to late spring. An extremely vigorous plant. No camellia planting is complete without this fine variety. Incidentally, it is included in our Cornerstone Collection described on the opposite page.

4520—Gal. tins, \$2.00. 4521—5-gal. tins, \$6.00.

4522—Extra size, 5-gal. tins, \$10.00.

Mathotiana (Julia Drayton)—The Largest of All Red Camellias





Mathotiana Rosea



Princess Bacchiachi



Mrs. Jahn Loing

Rose Dawn

The very lovely flowers of this variety are perfectly formed, full formal double, about 3½ inches in diameter. Warm deep pink in color, they remain perfect from the opening bud stage until the last petal drops. One of the finest features is the abundance of very handsome foliage. Shining dark green, long-pointed, and deeply serrated, it is holly-like in appearance. A moderate grower. Blooms midseason.

4642—Extra size, 5-gal. tins, \$20.00.

Ruby Glow

The 4-inch peony-type flower is a brilliant shade of deep red, with broad petals, full and high-centered. The vigorous plant grows tall and slender. The color is variable, but whether it is currant-red, garnet-red, cherry-red, or ruby-red, it's always beautiful. Midseason to late.

4650—Gal. tins, \$2.00. 4651—5-gal. tins, \$6.00.

Camellia saluensis Judith

A beautifully foliaged camellia plant that is literally loaded with little, 2-inch, single flowers in a rich shade of phlox-pink. Blooms early in California (November and December) and makes a lovely show in the garden.

4671—5-gal. tins, \$9.00.

Shangri-La

A peony-type flower, 3½ to 4 inches across, full and high-centered. This is a variation of the delightful Daikagura with the many small petals and a striking rich crimson color. Delightfully fragrant and blooms early, like Daikagura.

4700—Gal. tins, \$3.00. 4701—5-gal. tins, \$9.00.

4702—Extra size, 5-gal. tins, \$15.00.

Spotted Mathotiana

This is exactly the same as the giant red-flowered Mathotiana illustrated at the bottom of the opposite page, but the flowers have some white spots on them. It is a magnificent camellia in its own right, spectacular in the extreme. Midseason.

4711—5-gal. tins, \$9.00. 4712—Extra size, 5-gal. tins, \$15.00.

Te Deum

The most brilliant color imaginable, a vivid blood-red and a flower strikingly beautiful in form characterize this remarkable kind. The large outer petals are beautifully imbricated and they frame a rather loose cluster of many small petaloids. A strong vigorous grower, the rather open plant is clothed with big shiny leaves. When in flower the rich color draws every eye like a magnet.

4721—5-gal. tins, \$15.00.

Vanity Fair

Exactly like Lady Vansittart, but the broad velvety-textured petals are a brilliant cardinal-red. Has the same attractive glossy foliage. Midseason to late.

4730—Gal. tins, \$2.00. 4731—5-gal. tins, \$6.00.

Victor Emanuel (Blood of China)

The petals of this marvelous flower are informally arranged in a flower, breath-taking in its brilliant scarlet-orange color. Full and high-centered, the bloom is interesting with its large folded wavy petaloids, loosely packed. From among them peep an occasional brilliant yellow stamen. The plant is vigorous and spreading with rounded, deep green glossy foliage. Blooms midseason to late.

4740—Gal. tins, \$3.50. 4741—5-gal. tins, \$12.50.

The Cornerstone Camellia Collection

This is named the Cornerstone Collection because we planned it primarily for those who are just starting to grow camellias or for those who have room for only a few plants. We think it is important that such a collection should include only the most dependable kinds and at the same time kinds that will give you flowers the equal of any. We think that these are four of the loveliest and easiest to grow of camellia varieties. We know that those of you who have never grown camellias will get a lot of pleasure from these, and to make it possible for everyone to enjoy them, the special price is very low.

3898—Cornerstone Camellia Collection one each of the four fine kinds listed below in gal. tins, for only \$7.50.

Mathotiana (Julia Dayton)

Take a look at the beautiful big red camellia illustrated at the bottom of the opposite page. Wouldn't you like to have dozens of those on a plant in your garden? It is fully described on page 39.

Pink Perfection (Frau Minna Seidel)

The most popular camellia ever grown. Its formal double, medium-sized blooms of delicate light pink are a kind that everyone wants.

Princess Bacchiochi

Among the very double, peony-form camellias this is one of the best. The color is rich velvety carmine-red. Midseason.

Purity

Its name describes it. Symmetrical, exquisitely formed, double snowy white blooms of large size. Blooms late.

Purity—The Most Popular White Camellia



Evergreen Shrubs



Flowers of *Abelia grandiflora*

Important—Please Read: We try to make this catalog an accurate, thorough and interesting guide to the plants that we grow. 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. If it is possible for you to visit one of our display yards you will find well trained salesmen to aid you in the proper selection or to give you the answer to your planting problems.

Where to Plant: Each description includes the approximate average height to which the plants will grow, whether the plant prefers sun or shade, and the approximate minimum temperature at which the plants will be damaged by frost. These temperatures are 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 be injured if the temperature reached the figures mentioned for several hours, but often the plant would recover. In other states where the temperatures may reach these figures many times in a season such plants should not be used. See planting guide on page 5.

Easy to Order by Mail: It is easy to order Armstrong plants by mail and just as easy to get delivery on them. See page 4 for delivery and shipping information.

Shipping Weights: Packed for shipment, plants in gallon tins weigh approximately 10 lbs. each; 5-gal. tins, 50 lbs. each. Balled plants average 70 lbs. each. Important! See page 4 for information as to how we get your order to you.

Plant Shrubs Any Time: The black squares under every month indicate that you can plant evergreen shrubs every month in the year.

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

Quantity Discount: All items in this catalog which do not show separate quantity prices are subject to the following table of quantity discounts, excepting plants in flats, tubs, and boxes:

	Discount
10 plants of one variety	10% off listed each price
25 assorted plants	10% off listed each price
50 assorted plants	15% off listed each price

Abelia grandiflora

"Glossy Abelia." The small, shiny, bronze-green foliage, and arching stems continually clothed with clusters of little fragrant rosy white flowers make this plant exceedingly valuable for mass or foundation planting. It will grow to over 6 feet in height, but can be kept low by pruning. Since flowers are produced on new wood, it can be pruned severely without harming the plant. It is perfectly hardy anywhere. Evergreen in warmer sections, it may go partially deciduous in colder areas. Plant in full sun or partial shade. 6 ft. 0°.

4800—Gal. tins, 90c. 4801—5-gal. tins, \$3.25.

Abelia schumannii

"Pink Abelia." Similar to *A. grandiflora* but the pinkish lilac blooms with a yellow throat are larger and brighter. Does not grow as rapidly or as tall as the above. It makes a most satisfactory flowering shrub, perfectly hardy, thriving in any soil. Plant in sun or part shade. 5 ft. 0°.

4805—Gal. tins, 90c. 4806—5-gal. tins, \$3.25.

Abutilon vitifolium Vesuvius

"Red Flowering Maple." This is the showiest of all the Flowering Maples. Its outstanding characteristic is the large 2-inch, bell-shaped flowers of brilliant orange-scarlet. Almost always in bloom, the bright colored flowers are spectacular against the light green maple-like foliage. A fast-growing plant which should be in shade or part shade. 5 ft. 24°.

3000—Gal. tins, \$1.00.

Agapanthus africanus Blue

"Lily-of-the-Nile." We have listed this shrub with our border plants, but because the handsome, deep green, straplike leaves maintain their perfect foliage the year around on the Pacific Coast, we believe it belongs with these evergreen shrubs. It produces large 8-inch heads of sparkling blue flowers on 2-foot stems. The foliage blends well with foreground plantings and the long-stemmed flower heads are spectacular. 15°.

4830—Gal. tins, \$1.00.

Arbutus unedo

"Strawberry Madrone." A bushy, spreading, medium sized shrub with rich green foliage very similar to the native Madrone. Has many delightful little, pearly white, bell-shaped flowers in summer, followed by clusters of brilliant red fruits, resembling strawberries which ripen about Christmas time. Stands heat, cold, and drought. Sun or part shade. 6 to 10 ft. or larger. 15°.

4850—Gal. tins, \$1.00. 4851—5-gal. tins, \$3.50.

6885—Balled, 2 to 3 ft., \$7.50. 6886—Balled, 3 to 4 ft., \$10.00.

Arbutus unedo compacta

"Compact Strawberry Madrone." Very similar to the above but has a more upright, compact, rounded form. A little slower growing, it has the same holly-like leaves, dainty flowers, and red fruits. Flowers and fruits heavily while quite young. Grows anywhere. Sun or part shade. 6 to 8 ft. 15°.

4855—Gal. tins, \$1.50. 4856—5-gal. tins, \$4.50.

Bauhinia galpini is Covered with Red Orchids All Summer—
See Next Page





The Brilliant Flowers of Bouvardia Fire Chief Red Are Just About the Brightest of Any

Adenocarpus foliolosus

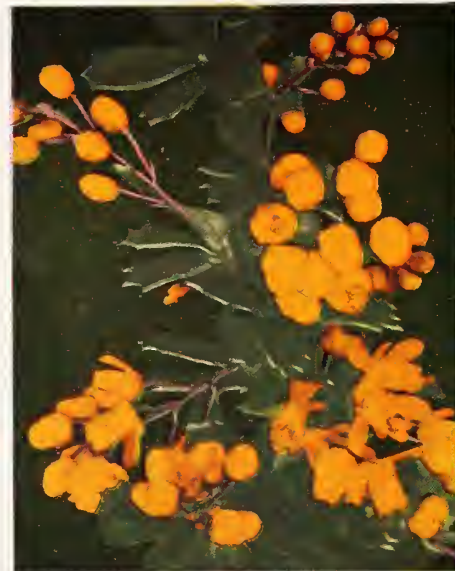
"Canary Island Lupine." The feathery bright green foliage is attractive throughout the entire year, but the plant fairly sparkles during April, May, and June, when the tip of every bright green branch is a glowing mass of brilliant yellow flower spikes—each one resembles a giant yellow lupine. Can be used as a specimen plant, as a large background shrub, or can be used as a large hedge. Especially valuable in dry desert areas. Plant in full sun, fairly dry soil. 8 to 10 ft. 15°.

4825—Gal. tins, 90c. 4826—5-gal. tins, \$3.25.

Azara lanceolata

"Lanceleaf Azara." This handsome plant, with gracefully arching branches and bright green, glossy, narrow leaves, is covered in spring with tiny yellow vanilla-scented flowers, followed by mauve porcelain-like berries. Sun or half-shade. 6 ft. 15°.

4875—Gal. tins, \$1.25. 4876—5-gal. tins, \$4.00.



Flowers of Berberis darwini

Aster fruticosus

"Shrub Aster." A permanent evergreen shrub, unlike perennial Asters. The dark evergreen foliage is completely covered from April to June with masses of deep lavender or rosy mauve flowers, each 1 to 1½ inches across. A magnificent garden display with lots of flowers for cutting. Fairly dry soil, full sun. Prune back after flowering season. 3 ft. 20°.

4870—Gal. tins, 90c. 4871—5-gal. tins, \$3.25.

Bauhinia galpini

"Red Bauhinia." Glorious, spidery, red orchid-like flowers, borne in clusters of six to ten from spring to late autumn. A handsomely foliaged half-climbing shrub with butterfly-shaped leaves. There is no lovelier plant to clamber over a low wall, fence or rocks. Will climb right up a post with a little support. Best within 30 miles of the coast. Sun or half-shade. See color illustration on page 42. 8 ft. 24°.

3021—5-gal. tins, \$5.00.

Beloperone guttata

"Shrimp Plant." The handsome little compact plant bears odd but attractive flower spikes of coppery bronze bracts, enclosing small cream and purple flowers throughout the year. Excellent for cut flowers. Sun or half-shade. 2 ft. 24°.

4890—Gal. tins, \$1.00.

Barberries

The Barberries are useful ornamentals because of their fine foliage and slow compact habit of growth. They fit well into our California landscape when used as foreground or foundation plants.

Berberis darwini

"Darwin Barberry." 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 medium sized evergreen flowering shrubs for California because of its richly colored, handsome flowers, and showy berries. Plant in sun or shade. 6 ft. 0°.

4895—Gal. tins, \$1.00. 4896—5-gal. tins, \$3.50.

Berberis gracilis

Similar to Berberis darwini, but much smaller and more compact. Without pruning, it will remain a low, rounded mound of dense attractive foliage. Fine for border or low foreground planting. Sun. 2 ft. 10°.

4900—Gal. tins, \$1.50.

Berberis pruinosa

"Hollygreen Barberry." We think this is one of the most beautiful Barberries because of: (1) the beauty and grace of its arching branches. (2) Long 2-inch, dark green, glossy leaves. (3) A few leaves become brilliant red in the fall. (4) Bright yellow flowers in late winter. (5) Big, beautiful, blue-black berries. Sun or half-shade. 6 ft. 0°.

4905—Gal. tins, \$1.00. 4906—5-gal. tins, \$3.50.

Bergenia cordifolia

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. The foliage, something like that of Tuberous Begonias, has a bronzy-green tinge. Fine for edging or border plants in full shade. 15°.

4910—Gal. tins, \$1.50.

Bouvardia Albatross

"White Bouvardia." Few flowers are as fragrant as the dainty, long, tubular, snowy white blooms of this fast growing informal little plant. The flowers are borne in clusters continuously throughout the year and are intensely fragrant with a delicious jasmine scent. The tubes of the flowers are three or more inches in length, and the open face of the petals about 1½ inches across. You'll pay big money at the florists for these flowers in a corsage. Why not grow them yourself? Prune the plants severely once or twice a year to keep them in bloom. Full sun or semi-shade near the coast; shade inland. 2 to 3 ft. 27°.

6680—Gal. tins, \$1.25.

Bouvardia ternifolia Fire Chief

"Fire Chief Red." The tubular flower clusters on this almost everblooming little 3-foot plant have the same glowing brilliant red color that the Fire Chief uses on his car. Color takes the place of fragrance in this showy Bouvardia. Prune severely once or twice a year to keep the flowers coming. Full sun or semi-shade near coast; shade inland. 25°.

6685—Gal. tins, \$1.50.

Fruit, Flowers and Foliage of the Strawberry Modrone (Arbutus)



Evergreen Shrubs



The big red berries of Parnay's Red Clusterberry (*Cotoneaster lactea*) cover the plant at Christmas time and for many weeks before and after. See page 47.

Brunfelsia calycina floribunda

"Yesterday, Today and Tomorrow." A lovely shrub with broad, rich, deep green foliage and compact habit, just the right size for most gardens. Every day for over half the year it opens lovely intensely fragrant, beautifully textured flowers which change color as they age. Yesterday's flowers were deep violet, today they are lavender, and tomorrow they will be white. Few flowers are more fragrant, few shrubs are more attractive. Plenty of moisture, sun or part shade. 6 ft. 20°.

4925—Gal. tins, \$1.50.

Buddleia davidi "Ile de France"

If you want flowers quickly, plant Buddleias. This "Summer Lilac" type of Buddleia has deliciously fragrant, violet-tinted flowers borne on spikes 6 to 12 inches long. Perfectly hardy anywhere. Prune almost to the ground each winter. 8 ft. 10°.

4940—Gal. tins, 80c.

Buddleia asiatica

"White Summer Lilac." Similar to above but with white flowers, most fragrant of all. 0°.

4930—Gal. tins, 80c.

Buddleia "Charming"

The finest of all the pink Buddleias. All through the summer and autumn you will have fragrant lavender-pink blooms on long 12 to 16-inch sprays. Grows fast, blooms the first summer after planting. 8 ft. 10°.

4935—Gal. tins, 80c.

Calliandra guildingi

"Trinidad Flame Bush." One of the most vivid and spectacular shrubs on our list is this "Flamer" from Trinidad. The large pompon-like heads of vivid scarlet stamens cover the plant like sheets of fire during the spring and summer months. Its feathery, fernlike, evergreen foliage makes a beautiful background for the brilliant flowers. Full sun. 8 ft. 18°.

4955—Gal. tins, \$1.25. 4956—5-gal. tins, \$4.00.

Buxus microphylla japonica

"Japanese Box." For a low, dense, compact 2 to 3-ft. hedge with glossy, bright green, small leaves, there is nothing finer. An occasional trimming will keep it to any shape you desire. Useful for formal trimmed pyramids or globes for garden or patio. 2 to 4 ft. 10°.

4950—Gal. tins, \$1.00. 4952—Flats, \$6.00.
6912—Balled pyramids, 2 to 2½ ft., \$6.00.

Buxus harlandi

"Harland's Boxwood." A fine new boxwood for hedges or borders where something very low-growing is desired. It grows quickly to 18 inches, becomes dense and compact at that height, and keeps its shape with almost no pruning. 2 ft. 5°.

4947—Flats, \$6.00.

Carpenteria californica

"Fragrant Carpenteria." A handsome Californian with large, good-looking foliage, and very fragrant five-petaled white flowers. 2 to 2½ inches across. The flowers remind you of a single white camellia. They are borne in such profusion that the plant looks like a mound of snow. Best in filtered sunlight, with good drainage. 6 ft. 15°.

5050—Gal. tins, \$1.50. 5051—5-gal. tins, \$4.50.

The Colorful Buddleias Quickly Fill Your Garden With Color



Calliandra haematocephala

"Redhead." The flaming crimson flower heads of this new, unusual shrub are similar to those of the Trinidad Flame Bush above, but they are larger and appear in continuous succession through much of the year. It differs also in its more graceful spreading habit and the considerably larger, more abundant foliage. Full sun. 8 ft. 27°.

4960—Gal. tins, \$1.50. 4961—5-gal. tins, \$4.50.

Calliandra inequilatera

"Pink Powder Puff." A newcomer from Bolivia which is certain to become very popular in Southern California because it is one of the most beautiful and unusual of all flowering shrubs. For several months of the year the graceful branches are clouded with striking flower heads which look just like big fluffy 3-inch powder puffs of delicate rose-pink. The vigorous spreading shrub, with its long, arching branches, is beautiful clothed in lustrous, large evergreen foliage, with the new growth showing an interesting bronzy tint. Excellent as a large spreading shrub, and particularly good against a garden wall. Full sun. 8 ft. 25°.

4965—Gal. tins, \$1.50. 4966—5-gal. tins, \$4.50.

It is "blooming season" almost every day in the year at your nearest Armstrong salesyard. No matter when you pay us a visit there is always something interesting to see.

Callistemon Red Chico

"Firefall Bush." With this showy plant in your garden, you'll have a real Fourth of July display for the 4-inch flowers, in a brilliant, vivid shade of red, hang down from the arching branches like particles of glowing red fire. Blooms from April to July. Really a hot number! Full sun. 6 to 8 ft. 15°.

4970—Gal. tins, \$1.25. 4971—5-gal. tins, \$4.00.

Callistemon viminalis

"Scarlet Bottle Bush." 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. Full sun. 15 ft. 15°.

4975—Gal. tins, 90c. 4976—5-gal. tins, \$3.25.



The Gorgeous Flowers of Trinidad Flame Bush
See Page 44

Cassia artemisioides

"Feathery Cassia." A graceful plant with finely cut silvery gray foliage. The sweet-scented flowers of clear yellow look like big bumblebees perched all over the plant. It likes little water, but plenty of sunshine and thrives in desert sections as well as near the coast. Full sun. 8 ft. 15°.

5055—Gal. tins, \$1.00. 5056—5-gal. tins, \$3.50.

Cassia splendida

"Golden Wonder." We are very enthusiastic about this large shrub, which is spreading, much branched, and becomes 6 to 8 feet in height and as much across. From November to January it bears spectacular quantities of big golden yellow flowers at a time that is difficult to get bright color in the garden. Does well both on the coast and inland. Its compact shape fits into almost any sunny spot. Full sun. 20°.

5060—Gal. tins, \$1.00. 5061—5-gal. tins, \$3.50.

Cestrum parqui

"Night Blooming Jessamine." Just a good-looking, evergreen shrub with shiny light green foliage during the daytime. It makes you keenly aware of its presence in the darkness by the ravishing fragrance from its small greenish white flowers. The pleasing perfume will permeate the entire hacienda. The pearl-white berries make splendid indoor decorations, too. Full sun. 5 ft. 22°.

5100—Gal. tins, 90c. 5101—5-gal. tins, \$3.25.



Buxus japonica makes a fine trimmed hedge or can be used as a trimmed accent plant, as shown here.

Ceratostigma willmottianum

"Chinese Plumbago." 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 and always furnishing a brilliant spot of color in the garden. In colder sections it drops its leaves in winter, but it should be pruned back once a year wherever planted, anyway. 3 to 4 ft. 15°.

5095—Gal. tins, \$1.00. 5096—5-gal. tins, \$3.50.

Ceratostigma plumbaginoides

"Dwarf Blue Plumago." A dwarf, spreading plant (6 to 8 inches) which is welcome anywhere in the garden for its flowers of intense blue. Blooms during summer and fall. See page 68. Sun or semi-shade. 15°.

5090—Gal. tins, 80c.

Choisya ternata

"Mexican Orange." A dense, globular shrub with bright glossy green foliage profusely covered in spring with snowy-white, sweetly scented blooms resembling orange blossoms. It is very effective grown against a wall or as a medium sized hedge. Hardy anywhere in Southern California. Sun or part shade. 5 ft. 15°.

5145—Gal. tins, \$1.25. 5146—5-gal. tins, \$4.00.

California Lilacs

In the springtime the California foothills are gloriously dotted with the native lilac in full bloom. It is easy to bring the delicate blue flowers and refreshing fragrance into your garden for they thrive anywhere in well drained soil. Full sun.

Ceanothus gloriosus

"Point Reyes Ceanothus." A low, dense mat of glossy evergreen foliage, becoming 6 to 8 feet across. In late spring it carries masses of bright lavender-blue flowers, very fragrant and lovely. In Southern California it does best in light shade, with plenty of moisture. In the coastal areas north of Santa Barbara it will grow in full sun. 16°.

5065—Gal. tins, \$1.50.

Ceanothus La Primavera

A new hybrid wild lilac from Santa Barbara Botanic Gardens. Early in spring the 8-foot plant carries many large, long spikes of very deep rich blue flowers, exceedingly fragrant. A handsome compact plant which seems long-lived and easy to grow. 12°.

5070—Gal. tins, \$2.50.

Ceanothus thyrsiflorus griseus

"Deep Blue Wild Lilac." We consider this one of the very finest of the California Wild Lilacs because of the magnificent deep blue color of the very fragrant flowers. Easy-to-grow and long-lived. It will be a source of delightful spring color. Full sun. Dry soil. 6 ft. 10°.

5075—Gal. tins, \$1.25. 5076—5-gal. tins, \$4.00.

Yesterday violet, today lavender, tomorrow white, but always sweetly fragrant are Brunfelsias



Geraldton Wax Flower (Chamaelaucium) makes a fine show in the garden and its sprays of lacy foliage work well into flower arrangements with or without the bloom.

Chorizema varium

"Flame Pea." A most useful shrub because it is low growing, will provide a spot of really bright color, and it has handsome foliage on slender graceful branches. Throughout the winter and spring the low mound of holly-like foliage is covered with countless brilliant small pea-like flowers of vivid orange-red. Plant in sun or semi-shade. 2 ft. 24°.

5150—Gal. tins, 90c.
5151—5-gal. tins, \$3.25.

Camellia sinensis

"Tea Plant." Do you know that the true tea plant is a camellia? You can use the tender young leaves to make your own tea. The plant is handsomely foliaged and in spring it bears a multitude of fragrant 1½-inch single white camellia-like blooms. Part shade. 4 to 6 ft. 12°.

4985—Gal. tins, \$1.50.
4986—5-gal. tins, \$4.50.



Evergreen Shrubs

Chamaelaucium ciliatum

"Geraldton Wax Flower." Attractive heathlike foliage, a graceful open habit and sprays of lovely little waxy pink blooms have made this the most popular shrub to be introduced in Southern California in recent years. The blooms have a little waxy cup in the center which is first green, soon changing to a rich maroon. From January to April the continuous bloom furnish great quantities of sprays to cut for dainty graceful bowl arrangements. Chamaelauciums will grow in any soil, prefer a sunny location. Prune back rather severely after the blooming period to get lots of blooms next season.

Chamaelaucium Blush White. This is a very fine, large-flowered, heavy blooming variety. Almost white, with just a blush of pinkish lavender to make it effective.

5105—Gal. tins, \$1.25. 5106—5-gal. tins, \$4.00.

Chamaelaucium Cameo Pink. Has slightly smaller flowers in a much more pronounced shade of dainty pink tinged with lavender. A profuse bloomer, unsurpassed for cutting.

5110—Gal. tins, \$1.25. 5111—5-gal. tins, \$4.00.

Chamaelaucium Cameo Rose. The richest in color, deep rosy lavender. Blooms very freely.

5115—Gal. tins, \$1.25. 5116—5-gal. tins, \$4.00.

Chamaelaucium Dwarf Rose. The lowest growing Wax Flower we have (3 to 4 ft.) and the deepest in color. Lavender-rose.

5120—Gal. tins, \$1.25. 5121—5-gal. tins, \$4.00.



Flowers of Pink Australian Fuchsia (*Correa pulchella*)
See page 47

Free Blooming 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 beauty of crepe-like flowers and the great profusion of them. They require almost no pruning, little water, and plenty of sunshine. They bloom for many weeks in spring and early summer. It is hard to keep them looking their best in containers but when planted in the garden they soon become very attractive.

Cistus cyprius

"Brown-eyed Rockrose." The handsome, low, spreading plant is ideal for a sunny spot where a low, compact shrub is needed. In early summer it becomes a mass of snowy white 3-inch blooms with each petal having a dot of maroon-crimson at its base like a spot of blood. Full sun. 3 ft. 10°.

5175—Gal. tins, \$1.00.

Flowers of *Cistus Purpureus*—
3 to 4 inches across

Cistus corbariensis

"White Rockrose." One of the most useful plants in California gardens because of its all-year foliage, small size, and long blooming period. It makes a low bank of sage-green foliage studded with 2-inch white flowers. Stands dry soil, sea-spray or hot sun, yet is always fresh looking and luxuriant, and is never-failing with its many beautiful blooms in spring and early summer. 3 ft. 10°.

5170—Gal. tins, 90c.
5171—5-gal. tins, \$3.25.



Echium Fastuosum, "Pride of Madeira"—
3 to 4 ft. high. See page 48

Cistus ladaniferus maculatus

"Crimsonspot Rockrose." With unfailing regularity each June the graceful erect plant becomes a mass of pure white flowers about 3 inches across, with golden stamens in the center, and a spot of maroon-crimson at the base of each petal. Although it likes the sun, it will do well in partial shade. 5 ft. 10°.

5181—5-gal. tins, \$4.50.

Cistus purpureus

"Orchid Rockrose." A handsome compact plant seldom becoming more than 4 feet high but often more than 6 feet across. For many weeks in spring and early summer it is 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. Whether you use it as a specimen plant or around a wall or as a foreground or foundation plant or a hedge or border, it is sure to make one of the most attractive shows in your garden. All of the rockroses are especially valuable for planting along the driveway or any other place where plants may receive rather severe punishment from dust or other causes. They will give satisfaction under the most trying conditions. 3 ft. 10°.

5185—Gal. tins, \$1.00. 5186—5-gal. tins, \$3.50.



Clerodendron bungei

"Rose-Glorybower." A showy shrub with big, heart-shaped leaves and rosy red hydrangea-like flower heads, 8 inches across, and deliciously fragrant. May freeze down in cold sections but comes right up again and starts blooming. Semi-shade. 3 to 5 ft. 20°.

5200—Gal. tins, \$1.00.
5201—5-gal. tins, \$3.50.

Clerodendron fragrans

"Fragrant Glorybower." Like 20 or more Cecile Brunner roses in one cluster, the gorgeous pink flower heads appear during the summer and fall, against a background of great big bright green hydrangea-like leaves. For added interest, the many-flowered clusters have an intoxicating gardenia-like perfume. The shrub is just a nice size for most gardens and we think it is just about tops for a semi-shady spot. In colder areas, it may drop its leaves for a short time during the winter. 4 ft. 10°.

5205—Gal. tins, \$1.75.
5206—5-gal. tins, \$5.00.

Clivia grandiflora Hybrids

"Kafir Lily." This large flowered strain of Kafir Lily will reward you with a bright spot in your garden all winter. From a clump of broad, heavy, dark green, strap-like foliage, sturdy 18-inch stems rise to be crowned with glorious flower clusters of flaming orange-scarlet. Fine to grow under trees, with camellias, or as a tub or potted plant for patio or even indoors. Needs shade. 24°.

3070—Gal. tins, \$1.50.

Comarostaphylis diversifolia planifolia

"Summer Holly." A beautiful large native California shrub with long, narrow, notched leaves. The dainty little flowers like Lily-of-the-Valley, are followed by clusters of red berries. The delightful combination of flowers, berries, and foliage make this shrub a point of continuous interest in any garden. Begins to bloom and berry when 4 to 5 feet high. Likes a semi-shady spot with reasonable summer moisture. 15 ft. 15°.

5230—Gal. tins, \$2.50.

Coronilla glauca

"Honey Coronilla." A neat compact little plant that forms an attractive mound of silvery green foliage. In the winter it brings cheerful color into the garden when the plant is smothered with small, pea-shaped, canary-yellow flowers. Grows nearly anywhere in California. Sun or half-shade. 3 ft. 15°.

5240—Gal. tins, \$1.00.

Berried Cotoneasters

Cotoneasters are valuable foliage plants, but another of their characteristics is the quantity of cheerful red berries that brighten the bushes in autumn and winter, and which are excellent cut material for bowl arrangements.

Cotoneaster conspicua decora

"Necklace Cotoneaster." A low, spreading shrub, with arching branches which is handsome throughout the year. In April, every branch is strung with little white flowers like gems, and the plant is just as attractive in the fall and winter when those flowers have turned to bright red berries. 3 to 4 ft. 10°.

5270—Gal. tins, \$1.00.

Cotoneaster horizontalis

"Rock Cotoneaster." A prostrate, half deciduous shrub, with angular branches hugging the ground. In the autumn it has spray upon spray of glowing crimson berries, which combined with its deep red leaves (red in fall only), are a beautiful sight. 2 ft. 0°.

5275—Gal. tins, \$1.00.

Cotoneaster lactea

"Parnay's Red Clusterberry." This is the most popular of all the cotoneasters which we grow because of its large, luxuriant, evergreen foliage and enormous clusters of brilliant red berries. It does not overgrow like so many of the larger growing cotoneasters, seldom exceeding 6 feet in height. Illustrated in color on page 44. 5 to 6 ft. 12°.

5280—Gal. tins, 90c. 5281—5-gal. tins, \$3.25.

Coleonema album

"White Breath of Heaven." This shrub is very popular in California gardens from Oregon to Mexico, with its sweet-scented, heathlike foliage and literally thousands of little starlike white flowers in late winter and spring. The foliage, when rubbed, releases a most entrancing aromatic fragrance. 4 to 8 ft. 20°.

5220—Gal. tins, 80c.
5221—5-gal. tins, \$3.00.

Coleonema pulchrum

"Pink Breath of Heaven." Very much like the White Breath of Heaven above, this plant has the same sweet-scented foliage. It does grow a little more compact, low and bushy, and the flowers are a bright pink instead of white. It is covered with the bright pink flowers in late winter and early spring. Full sun. 3 to 5 ft. 22°.

5225—Gal. tins, 80c.
5226—5-gal. tins, \$3.00.



Rosy Flowers of Christmas Heather,
Erica canaliculata rosea

Correa pulchella

"Australian Fuchsia." One of the finest foreground shrubs for California. It stays small, 18 inches high, and makes a dense mat of foliage which may spread to 4 or 5 feet. The waxy little bell-shaped flowers are a beautiful soft pink. Blooms from November to April, does not mind extreme heat and rather likes dry soil. A fine shrub to plant in front of Chamaelaucium (see page 46). Sun or shade. 1½ ft. 24°.

5250—Gal. tins, \$1.00. 5251—5-gal. tins, \$3.50.

Correa alba

"White Correa." An upright plant with handsome silvery grey foliage with many little bell-shaped white flowers about one-half inch long hanging all over it in the summer time. Does well in any soil and the hottest sun does not bother it. 4 ft. 20°.

5245—Gal. tins, 90c.

Crotalaria agatiflora

"Canary-Bird Crotalaria." This unusual fast growing shrub will be the most striking and spectacular in your garden. 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 if they were full of gorgeous chartreuse canary birds. When cut, they make truly intriguing arrangements or table decorations. Grows so fast you will probably have to cut it back frequently but that just brings on a new crop of "birds." Sun, plenty of moisture. 6 to 10 ft. 25°.

6695—Gal. tins, \$1.25. 6696—5-gal. tins, \$4.00.

Bright Canary-Bird Flowers of the Crotalaria



Armstrong Evergreen Shrubs

Daboecia cantabrica alba

"White Bell Irish Heath." Right from the green sod of old Ireland comes this beautiful little heath. In the summer and early fall the dense mound of olive-green leaves is covered with attractive little white bell-shaped flowers which resemble Lilies-of-the-Valley. Sun or semi-shade. Use peat moss and plenty of water. 2 ft. 10°.

5355—Gal. tins, \$1.25.

Daphne odora

"White Daphne." It is difficult to realize that one small plant can radiate such an intense, delightful and deliciously sweet perfume. The small flower heads of creamy white are borne profusely all over the plant throughout the winter. The handsome plant with its shiny long green foliage does best in partial shade with plenty of moisture but good drainage. 2 to 3 ft. 10°.

5361—5-gal. tins, \$9.00.

Daphne odora Rose Queen

"Large Pink-Flowered Daphne." This Daphne is much admired because the flowers, the glossy green foliage and the plant are all larger than those of other varieties. The deep pink flowers have all of that intense Daphne perfume. 3 to 4 ft. 10°.

5366—5-gal. tins, \$9.00.

Daphne odora Yellowedge

"Gold-Edged Daphne." The flowers are big, much like those of Rose Queen above, but each glossy bright green leaf is margined with gold. Partial shade, plenty of moisture, and good drainage. 2 to 3 ft. 10°.

5371—5-gal. tins, \$9.00.

Dianella tasmanica

"Blue Dianella." We enthusiastically recommend this permanent little plant for a semi-shady spot. The 2-foot clump of grassy foliage is beautiful the year around. In spring it produces spikes of the most brilliant sky-blue flowers, which later in the summer turn to big 1½-inch oval berries of lovely plum-blue. It is hard to decide whether the flowers or the berries are the lovelier. Both are fine for bowl arrangements. 10°.

5385—Gal. tins, \$1.25.

Dierma pendula

"Fairy Wands." During the spring lovely, pink, bell-shaped flowers nod and sway at the end of 3-foot slender, wiry stems. Not only a dainty attractive garden subject, but you will find it to be an excellent cut flower as well. The little 2-foot clump of grasslike foliage is attractive the year around. Sun or semi-shade. 15°.

5390—Gal. tins, \$1.00.

Duranta stenostachys

"Brazil Skyflower." Here is a beautifully foliaged, graceful arching plant which becomes about 5 feet high and as much across. Almost all summer long it bears attractive little 4 to 6-inch sprays of lovely lilac-purple blooms, each one a half inch across. Sun or half-shade. 4 to 6 ft. 24°.

6700—Gal. tins, \$1.00. 6701—5-gal. tins, \$3.50.

Echium fastuosum

"Pride of Madeira." Each plant makes a large clump of interesting foliage 3 or 4 feet high and 4 feet across. Rising from the plant in June are enormous blue flower spikes. Likes an open warm sunny location where drainage is good. See illustration on page 46. 15°.

5415—Gal. tins, \$1.00.

Cymbidium Flowers
The flowers pictured below are about one-half natural size. Shown here is only a partial spray. Often cymbidiums will produce as many as 30 blooms on a single spray, and those sprays become more numerous as the plants mature. The varieties listed at right are all good kinds and we are offering these large plants at a price which will enable anyone to grow cymbidiums.



Garden Orchids

You can easily grow spectacular orchids in your own garden by planting Cymbidiums. Like most people, you will probably become more enthused each year, and want to add newer and more unusual varieties to your collection. In the fall, you will find yourself eagerly watching the clumps of grassy, swordlike foliage for the start of each flower spike, which will ultimately become a 1 to 3-foot spray of magnificent orchids, with as many as 30 blossoms on a single spray. The sprays become more numerous as the plants mature, and we have seen as many as twenty on a single plant. Cymbidiums grow well along the coast, from San Diego to San Luis Obispo, and in all inland valleys, except desert areas. They should be planted in filtered sunlight in a fibrous soil, mixed with plenty of coarse leaf mold or peat moss. Be certain that they have good drainage. They will ordinarily stand temperatures down to 28° without damage. We cannot guarantee a specific shade, because the colors vary considerably even in the same variety; however, they are all beautiful.

All varieties below in 6-inch pots, \$6.00 each.

Cymbidium Butterfly. Shades of yellow, bronze or mahogany, with an occasional pink. Midseason. 5307.

Cymbidium Capella. Varies from pink to crimson-rose. Large, many flowers to the spray. Midseason. 5308.

Cymbidium Curlew. Large fragrant flowers, usually white, with delicate veining of reddish brown or light pink. 5309.

Cymbidium Dotterel. Free-blooming, beautifully colored in tones of brownish lavender, lavender-pink or lemon-yellow. Mid to late season. 5311.

Cymbidium Feu de Joie. Quite variable in color, ranging from greenish bronze to red-bronze with darker lips. 5314.

Cymbidium Gold Mohur. Various shades of yellowish gold. Mid to late. 5316.

Cymbidium Hugh Evans. Usually greenish gold with red lips. Mid to late. 5317.

Cymbidium Insigne. Very upright sprays with many flowers, usually of medium to deep pink. 5318.

Cymbidium Jessica. Varies from pink, greenish yellow to deep yellow. 5319.

Cymbidium Madeline. Quite variable. Deep pink or chartreuse. Midseason. 5322.

Cymbidium Merlin. Varies considerably from deep pink to yellow. Late. 5323.

Cymbidium Palermo. Blooms all season. Flowers light to deep rose-pink, with heavy purple spots. 5325.

Cymbidium Pauwelsi. Varies from light creamy yellow to deep rich bronze. A strong grower with long spikes. 5326.

Cymbidium Penelope. Light to dark greenish buff shaded rose; red lips and lighter throat. Mid to late season. 5327.

Cymbidium Plover. Chartreuse through light yellow to pale pink; heavily spotted lips. Mid to late season. 5328.

Cymbidium Schlegeli. Usually in pink or lavender-pink tones. Early. 5329.

Cymbidium veitchi. Ranges from light pink to pale straw-yellow through buff to orange. Blooms late. 5330.

Cymbidium Victor. Varying tones of yellow and bronze; free flowering. 5332.

Cymbidium Wheatear. Quite variable but mainly straw color. Mid to late. 5333.

Cymbidium Zebra. Various shades of lavender-pink. Very free-blooming with short spikes. Mid to late season. 5334.

Elaeagnus pungens Fruitland

"Fruitland Silverberry." A large spreading shrub with the 4-inch leaves and the 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. 8 ft. 10°.

5420—Gal. tins, \$1.00.

5421—5-gal. tins, \$3.50.

Eranthemum nervosum

"Blue Winter Eranthemum." 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. Sun or part shade. Plenty of moisture. 4 ft. 24°.

6705—Gal. tins, \$1.00.

Euonymus japonicus

"Evergreen Euonymus." Its resistance to heat and cold and its dense glossy foliage make it a most useful foliage ornamental anywhere in the Southwestern States. Makes a splendid hedge or specimen plant which can be easily pruned to any desired shape.

5512—Flat, \$6.00. 5510—Gal. tins, 80c.

6950—(Pyramid), 1½ to 2 ft., Ball, \$6.00.

6951—2 to 3 ft., Ball, \$7.50.

Euphorbia pulcherrima

"Poinsettia." The well known scarlet "Christmas Flower" so popular for sunny positions in milder sections. Always be sure to plant poinsettias in full sun. 28°.

3090—Gal. tins, \$1.00.

Euphorbia Henriette Ecke Improved

"Giant Peony-Flowered Poinsettia." Here is the most spectacular of all poinsettias, with an enormous, brilliant red flower, fully double like a peony. Until you have seen these gigantic flowers, which get to be 9, 10, or even 12 inches across, you have no idea how magnificent they can be. 28°.

3100—Gal. tins, \$1.25. 3101—5-gal. tins, \$4.00.

Grevillea banksi

"Crimson Comb Flower." A medium to large shrub from Australia with a nice compact habit and dense silky fern-like foliage. Almost every month in the entire year it produces large, comb-like deep crimson flowers 4 inches long. Sun or part shade. 6 to 8 ft. 20°.

5680—Gal. tins, \$1.00.

Gardenia Mystery, Armstrong's Finest
The flowers are often 4 to 6 inches across—See page 52



Escallonia rubra

"Red Escallonia." Escallonias will take the salt air and their splendid foliage is particularly luxuriant under coastal conditions. The Red Escallonia produces over most of the year sweetly fragrant spikes of deep red flowers. Plant in sun or part shade. Plenty of water. 6 ft. 15°.

5460—Gal. tins, \$1.00.

5461—5-gal. tins, \$3.50.

Escallonia Apple Blossom

"Apple Blossom Escallonia." Similar to the above, but the flowers are a dainty blush-pink, produced freely on a somewhat lower and slower growing plant. 5 ft. 15°.

5465—Gal. tins, 90c.

5466—5-gal. tins, \$3.25.

Eugenia paniculata australis

"Australian Brush Cherry." 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.) 24°.

6720—Gal. tins, 80c.

6721—5-gal. tins, \$3.00.

6722—Trimmed pyramids, 5 to 6 ft.,

5-gal. tins, \$7.50.



Oronge Ginger-Lily (*Hedychium gardnerianum*)—See page 51

Erica blanda

"Red Everblooming Heather." A low rounded plant, with a compact habit and typical heather foliage. It produces clusters of tubular red flowers throughout the entire year. What flowering shrub will do more? Full sun. 3 ft. 15°.

5425—Gal. tins, \$1.25. 5426—5-gal. tins, \$4.00.

Erica cruenta

"Dwarf Scarlet Heather." A bushy low growing plant with 6 to 8-inch spikes of slender, tubular, flame-red flowers throughout the fall and winter. 3 ft. 18°.

5440—Gal. tins, \$1.25. 5441—5-gal. tins, \$4.00.

Erica canaliculata rosea

"Rosy Christmas Heather." This is the most popular and best known of all the heathers in California and it is certainly one of the most beautiful of all our winter flowering shrubs. From November to March the plant is 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. Likes to be planted in full sun with good drainage. 6 to 8 ft. 12°.

5430—Gal. tins, \$1.00. 5431—5-gal. tins, \$3.50.

6946—Balled, 3 to 4 ft., \$5.00.

Erica lusitanica

"Spanish Heather." So covered in late winter with snowy white flowers that it looks like a young snow drift. Three or four plants massed together are especially effective for showy winter bloom. 4 ft. 18°.

5445—Gal. tins, \$1.00.

Erica mediterranea

"Biscay Heath." A compact and bushy heather with stiff stems and purplish pink flowers from March to June. Grows easily almost anywhere. 4 ft. 5°.

5450—Gal. tins, \$1.00. 5451—5-gal. tins, \$3.50.

Erica melanthera rubra

"Fall Blooming Heather." Similar to the rosy Christmas Heather but a low growing plant with deeper colored, rosy red flowers. It has a much earlier blooming period, too, from October to December. 3 to 4 ft. 15°.

5455—Gal. tins, \$1.25. 5456—5-gal. tins, \$4.00.

Please include on your order sheet the stock number as well as the name of each item. It will help us in filling your order correctly.

Evergreen Shrubs

Euryops athanasiae

"South African Daisy Bush." The tall, slender evergreen plant carries big, bright yellow daisy-like flowers, 8 inches across, on long stems in mid-winter. Full sun. 18°. 5515—Gal. tins, \$1.25.

Euryops pectinatus

"Silver and Gold Bush." A compact little plant with handsome silvery-gray leaves. Covered in late winter and spring with bright golden yellow flowers. Full sun. 2 to 3 ft. 18°.

5520—Gal. tins, \$1.25.

Armstrong Hibiscus

Hibiscus are one of the showiest shrubs for Southern California, with large glossy leaves and immense bright-colored flowers. They like plenty of sunshine and moisture and are hardy down to about 28°. Under these conditions they grow easily and bloom throughout the entire year. They are at their best in coastal regions, but thrive in the foothills and interior valleys where the temperatures do not get too low. All varieties below are single unless otherwise noted in the description.

Agnes Galt. The huge deep coral-pink flowers of this strong growing variety have long been a favorite with California gardeners. Out-blooms all others.

3210—Gal. tins, \$1.00.

3211—5-gal. tins, \$3.50.

Arnottianus. One of the loveliest. Snowy white flowers with no other color except the long flaming red pistil. Deliciously fragrant.

3220—Gal. tins, \$1.50.

3221—5-gal. tins, \$4.50.

Brilliante. Immense brilliant scarlet. No other red Hibiscus can beat it. It blooms prodigiously and is the hardiest of the lot, grows almost anywhere.

3230—Gal. tins, \$1.00.

3231—5-gal. tins, \$3.50.

Bronzino. The entire flower, almost 6 inches across, is a brilliant orange-bronze with a tinge of red in the center.

3240—Gal. tins, \$1.00.

3241—5-gal. tins, \$3.50.

Fireside. A magnificent, richly colored new Chinese Hibiscus from Hawaii. The magnificent 5-inch flower has broad overlapping petals, with a flaming red center, suffusing toward outer edges into a rich deep chrome-yellow.

3300—Gal. tins, \$1.50. 3301—5-gal. tins, \$4.50.

Butterfly. A large bronzy yellow flower with a rich red center.

3250—Gal. tins, \$1.00.

3251—5-gal. tins, \$3.50.

Double Yellow. Large, many-petaled flowers of clear yellow without other shadings.

3290—Gal. tins, \$1.00.

3291—5-gal. tins, \$3.50.

Chartreuse. A beautiful, dainty bloom, 5 to 6 inches in diameter with a very unusual color scheme. The outer tips of the petals are chartreuse, shading to near white at the base.

3260—Gal. tins, \$1.50.

3261—5-gal. tins, \$4.50.

Crown of Bohemia. The most spectacular double Hibiscus that we have ever seen. Enormous many-petaled bronzy orange flowers, with tints of cerise, apricot and amber in the center of the bloom.

3280—Gal. tins, \$1.75.

3281—5-gal. tins, \$5.00.



Hallowe'en is a Brilliantly Colored Hibiscus

Hallowe'en. Can you recall the rich orange-scarlet of a ripe Hachiya Persimmon? That is the color that covers the greater portion of the petals of this Hibiscus. This brilliant tone emerges into copper and shining gold. Plant Pat. No. 698.

3310—Gal. tins, \$1.50. 3311—5-gal. tins, \$4.50.

Kona. A fully double flower with daintily frilled petals of warm rosy pink and deeper rosy stamens. Golden anthers dot the center.

3320—Gal. tins, \$1.00. 3321—5-gal. tins, \$3.50.

Red Monarch. We have found this to be one of the largest flowered and the richest colored of double Hibiscus. The flower is a very rich dark crimson, and the many petals are gracefully arranged. The plant is vigorous and produces flowers continuously.

3330—Gal. tins, \$1.50. 3331—5-gal. tins, \$4.50.

Sophisticate. Big white petals, heavily blushed with deep pink. Very lovely coloring.

3340—Gal. tins, \$1.00. 3341—5-gal. tins, \$3.50.

Spotlight. A recent arrival from Hawaii which will certainly stop you, for it is difficult to imagine a more vivid color. The wide flaring petals overlay each other with geometrical precision forming a huge flower of brilliant cerise-red, rich, clear and sparkling. Because of its striking color, unusual in Hibiscus, its size and perfection of form, Spotlight promises to be one of the best varieties in our list.

3350—Gal. tins, \$1.75. 3351—5-gal. tins, \$5.00.

Sunshine. Big flowers of golden yellow with a deep pink throat. The plant is a vigorous grower, producing many flowers.

3360—Gal. tins, \$1.00. 3361—5-gal. tins, \$3.50.



The New Hibiscus Fireside

Bronzino Hibiscus is One of the Most Beautiful—Illustration about one-half natural size





Leptospermum Sanders, the "Pink Sparkler"
See page 53

Fremontia mexicana

"San Diego Fremontia." A fine large native shrub with attractive, grey-green foliage and a graceful spreading habit. In late winter and spring it is covered with masses of 3-inch flowers in clear sparkling tones of orange-yellow. It does best in a rather out-of-the-way place where it does not get too much attention. Plant in full sun with good drainage and not too much water. Eventually grows to 15 or 20 ft. 12°.

5630—Gal. tins, \$2.50.

Galvesia speciosa

"San Clemente Snapdragon." From the 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. Grows easily almost anywhere. Full sun or semi-shade. 3 ft. 20°.

5640—Gal. tins, \$2.00.

Hedychium gardnerianum

"Orange Ginger-Lily." For something really startling in the way of exotic color and fragrance, try this new Ginger-Lily from India. The 8 to 12-inch flower spike is a complicated affair with long tubes of saffron-yellow, contrasted with long filaments which are orange, shading to orange-scarlet at the top. See illustration, page 49. It has an intoxicating sweetness which fills the garden with fragrance or the house if you want to cut the sprays. It blooms with great freedom in spring and summer. Plenty of moisture. Sun or shade. 4 to 5 ft. 24°.

6750—Gal. tins, \$1.50.

6751—5-gal. tins, \$4.50.

Hedychium coronarium

"White Ginger-Lily." Similar to the above but with exceedingly fragrant 3-inch white blossoms, used by the ladies in the South Sea Islands for their leis. The fragrance is extremely powerful. It likes good soil and you can't give it too much water. Sun or part shade along the coast, part shade inland. 6 ft. 24°.

6745—Gal. tins, \$1.25.

6746—5-gal. tins, \$4.00.

Halimium libanotis

"Rosemary Sun-Rose." Dainty compact little plant with fine, gray-green, rosemary-like foliage, covered in spring with quantities of little ¼-inch pure white blossoms. Sun or shade. Plenty of moisture. 6 ft. 24°.

5720—Gal. tins, 90c.

Halimium ocymoides

"Spanish Sun-Rose." In early spring and summer this little rounded plant with its gray-green foliage is a glorious mass of bright yellow flowers, each bloom with a maroon-red center. Likes sun, not too much water. Prune back after flowering season. Grows easily anywhere. 3 ft. 10°.

5725—Gal. tins, 90c. 5726—5-gal. tins, \$3.25.

Holmskioldia sanguinea

"Chinese Hat Plant." In a warm, sunny spot, this unique plant will produce great long clusters of bright red flower bracts, during almost the entire year, even through the middle of winter when you can use it for Christmas decorations. A beautiful thing when trained flat against buildings or wall facing south. It likes plenty of sunshine and water. 8 ft. 22°.

5805—Gal. tins, \$1.25. 5806—5-gal. tins, \$4.00.

Freeblooming Fuchsias

No other shade-loving shrubs bloom so profusely and with so much color over such a long season as the fuchsias. They like a cool, moist, shady situation, and are hardy to 22°.

Price on all varieties below: 80c each.

Tall Growing

Aviator. Single pure white, with long rose-red sepals. 2 to 4 ft. 3115.

Blue Gown. A brilliant blue cup in a bright scarlet saucer. Large double, 3 to 4 ft. 3120.

Cardinal. Sepals deep rose to cardinal-red, with purple petals. Climbs to 15 feet. 3125.

Glendale. Dainty coral-pink flowers. Stands full sun on coast. 4 to 5 ft. 3140.

Mrs. Lovell Swisher. Fast growing for a showy garden effect. The flowers are small but are borne profusely. Petals are rosy-red, and the sepals white shaded with light pink. 3 to 4 ft. 3160.

Otto. A brilliant purple cup (the petals) in a bright scarlet saucer (the sepals). 4 to 5 ft. 3165.

Pasadena. Small, semi-double, white with striped pink petals and deep pink sepals. Small, densely foliated plant. 6 to 8 ft. 3170.

Storm King. Petals waxy white, with crimson veins at the base, brilliant scarlet. Quite double. 3 to 4 ft. 3190.

Tubular Flowered Fuchsia

Souv. de Henry Henkel. Long, tubular, scarlet flowers. Plum-colored foliage. 2 to 4 ft. 3185.

Hanging Basket Fuchsia

Cascade. Coral-rose sepals, bright rose petals. 1 to 2 ft. 3130.

Aurora Superba. Single, orange-salmon. 2 to 4 ft. 3110.

Low Growing Fuchsia

Melody. Large, single flowers with cup of pale purple and saucer of rose. 2 to 4 ft. 3155.

Pasteur. Double, with white petals; scarlet sepals. 1 to 2 ft. 3175.

Hardy Ferns

Nothing is finer than a few hardy ferns to enhance a bed of Azaleas or other shade-loving plants. If you have a cool shady nook in your garden you can transform it into a luxuriant fern glen by planting easy to grow hardy ferns. Use leaf mold or peat moss in planting.

All varieties below: Gal. tins, \$1.00.

Adiantum O'Brien. "Maidenhair Fern." Well-known delicate lacy favorite. 12 to 18 inches. 5545.

Cytomium falcatum. "House Holly Fern." Dark glossy fronds, 2½ feet long. 5°.

Dryopteris dentata. "Downy Wood Fern." Fronds 3 feet long and 1 foot wide. 15°.

Dryopteris hirtipes. Long, feathery, 18-inch fronds, graceful and arching. 15°.

Pellaea viridis. Small, rock-loving ferns, with fronds to 2 feet long. 5575.

Polystichum adiantiforme. Fronds triangular, 2 feet long and 8 inches wide. 15°.

Polystichum setiferum. A close compact clump of graceful, feathery fronds, 12 to 18 inches. 15°.

Polystichum setiferum Proliferous. Similar to the above with more fronds. Fast growing. 15°.

Pteris cordifolia erecta. Long, 2 to 3-foot fronds, 4 to 6 inches wide at the base. Prostrate grower. 5595.

Pteris cretica Riverton. Feathery, fine-cut, green fronds to 1 foot long. 15°.

Pteris tremula. "Australian Brake Fern." Long, feathery, bright green fronds, 2 to 3 feet long. 15°.

Woodwardia fimbriata. A big clump of broad arching fronds, 3 to 6 feet long. 0°.

5610—Gal. tins, \$1.00. 5611—5-gal. tins, \$3.50.

For a Medium or Tall Hedge—Plant Privets
See page 53





Burford Holly (*Ilex cornuta* Burford) shown here two-thirds natural size

Evergreen Shrubs

Colorful Hydrangeas

Everybody loves the big, old-fashioned *Hydrangea macrophylla* described below, but you will enjoy these new hybrids with their richer, deeper colors more. Part shade.

Price on all varieties: Gal. tins, \$1.25; 5-gal. tins, \$4.00.

Avalanche. Immense pure white flowers borne in great profusion.
5835—Gal. tins. 5836—5-gal. tins.

Triomphe. A very fine deep pink hydrangea.
5825—Gal. tins. 5826—5-gal. tins.

Matador. Deep rich rose-red.
5815—Gal. tins. 5816—5-gal. tins.

Rouget de Lisle. Normally this is a 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.
5820—Gal. tins. 5821—5-gal. tins.

Hydrangea macrophylla. "Old-Fashioned Hydrangea." Long a favorite in California gardens. It has large bold foliage and the immense heads of pink flowers are striking indeed. The flowers turn blue in soils containing iron. It is not unusual to see both pink and blue flower heads on the same plant.
5810—Gal. tins. 5811—5-gal. tins.

Gardenias

Gardenias, or as the better known varieties are often called, Cape Jasmynes, are unequalled for their rich sweet perfume and their snow-white blooms which are produced in continuous succession throughout the year. Gardenias do best in partial shade or in filtered sunlight, with good drainage and a slightly acid soil. This condition is 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. Gardenias should be heavily fertilized.

Gardenia jasminoides "Mystery"

During the last several years this gardenia has become the most popular variety in Southern California. Its popularity is due largely to the fact that it has the biggest, glossiest, and most luxuriant foliage and the biggest and most spectacular blooms. The magnificent fragrant snowy white blossoms often measure 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 gardenias sold under the name "Mystery", but we feel that the Armstrong Mystery Gardenia is superior to any other type. It has larger foliage, more perfect blooms, and a more robust habit. 15°.

5650—Gal. tins, \$1.25. 5651—5-gal. tins, \$4.00.

Gardenia citriodora

"Orange Blossom Gardenia." Here is a rare new gardenia which you folks in the coastal and foothill sections of Southern California are going to have a lot of pleasure trying. It is primarily a foliage plant with large, dark, glossy green leaves having a wavy texture. The little white flowers appear in clusters, 3 or 4 inches across and have a most delightful orange-blossom scent. They are followed by interesting little bright orange fruits. Probably best in part shade. 4 to 6 ft. 26°.

5645—Gal. tins, \$1.50. 5646—5-gal. tins, \$4.50.

Gardenia veitchi

Although the flowers are smaller (2 inches) and the plant is less beautifully foliated than that of *Gardenia Mystery*, few if any of the gardenias will bloom as freely as this. Once established it will provide you with great quantities of blooms, and each flower is heavy with that sweet gardenia perfume.

5655—Gal. tins, \$1.25.

Gardenia radicans

"Dwarf Gardenia." Small glossy foliage and miniature blooms only 1½ inches across. Grows 12 to 18 inches high.

5660—4-inch pots, \$1.00.

Hollies

Below is a selected list of Hollies, most of which do well in Southern California. Hollies fit very well into our California landscape, and can be used for specimens, hedges, or foundation planting.

Ilex alticolaensis wilsoni

"Broad-Leaved Holly." The glossy typically holly leaves of this type are the biggest of any variety in our collection. It makes a compact, magnificent shrub and the beautiful, big red berries are on a par with the handsome foliage. Shade or part shade in Southern California, sun in the North. 6 to 8 ft. 5°.

5860—Gal. tins, \$1.75. 5861—5-gal. tins, \$5.00.

Ilex aquifolium Fertile

"Fertile English Holly." Ordinary English Hollies grown from seed do not all produce berries. 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. In Southern California it should be planted in shade or semi-shade. In the northern part of the state or in other states where the winter temperatures are low enough so that English Holly does well, it can be placed right out in the open. Always needs plenty of moisture. 5°.

5865—Gal. tins, \$1.75. 5866—5-gal. tins, \$5.00.

Ilex aquifolium Silver Queen

"Silver-Edged English Holly." These are grafted plants which are similar to English Holly, but the foliage is variegated with silver and light green. 5°.

5870—Gal. tins, \$2.50.

Ilex cornuta Burford

"Burford Holly." The finest Holly for Southern California because the foliage is large and glossy, deep green in color. The plants bear plenty of big, bright red berries like those illustrated above. It will make a big shrub in time, but not for many years will it reach ultimate height. Will grow well in either sun or shade. 6 to 10 ft. 10°.

5875—Gal. tins, \$1.75. 5876—5-gal. tins, \$5.00.

Ilex cornuta Fertile

"Fertile Chinese Holly." This is one of the best Hollies for California because it is more adapted to warmer climates than the English Holly. You can grow it right out in the sun in most parts of the State. The magnificent big dark green spiny leaves make one of the most beautiful plants that can be grown. These are cutting grown from a special heavy berry-producing type.

5880—Gal. tins, \$1.75. 5881—5-gal. tins, \$5.00.

Hypericum moserianum

"Gold Flower." A particularly valuable low foreground shrub, covered in early spring and summer with big 2-inch golden yellow flowers. Easy to grow anywhere. Full sun or part shade. 2 ft. 10°.

5850—Gal. tins, 80c.

Hypericum patulum henryi

"Henry's Golden Cup." Plenty of bright golden 2-inch flowers like the above, but it gets up to 4 feet in height and makes a beautifully rounded, compact plant blooming over most of the spring and summer. Grows with the greatest of ease in any soil. Sun or part shade. 4 ft. 10°.

5855—Gal. tins, 80c.

Jasminum sambac Grand Duke

A rare and beautiful, semi-reclining shrub with double 3-inch flowers of pure white. It has a powerful and refreshing sweet perfume. Quite hardy, but prefers some shade and blooms almost the year around. The flowers look like perfect many-petaled gardenias and exceed gardenias in the intensity of their sweet perfume. Part shade. 2 to 5 ft. 22°.

3380—Gal. tins, \$1.75. 3881—5-gal. tins, \$5.00.

Jasminum sambac Maid of Orleans

Closely related to the jasmine above, since they are both forms of the Arabian Jasmine. This one grows much faster than Grand Duke and makes a bushy, upright plant, carrying in the late summer and fall dozens of the little, creamy white, double flowers 1 to 1¼ inches across. The flowers are heavy with sweet, rich jasmine fragrance. Carries many more flowers than the Grand Duke Jasmine, although they are smaller. Plant in part shade. 3 to 6 ft. 24°.

3390—Gal. tins, \$1.75.

Lantana

These brilliant, colorful shrubs have done so much to brighten Southern California landscapes. They are attractively foliaged, grow quite rapidly, and will probably be in continuous bloom from the day you plant them. We know of no other flowering shrub that will give you as many blooms over a year's time as will these colorful Lantanas.

All kinds in gal. tins, 80c.

Orange-Red. Dwarf. 1 to 3 ft. 3400.

Pure White. Semi-dwarf. 2 to 3 ft. 3405.

Clear Yellow. Dwarf. 1 to 3 ft. 3410.

Light Pink. Tall. 4 to 6 ft. 3415.

Orange-Red. Tall. 5 to 6 ft. 3420.

Mahonia aquifolium compacta—See page 54



Itea ilicifolia

"Holly-Leaf Sweetspire." The big-toothed polished, dark green leaves look more like Holly than even Holly itself. You will never find anything better than its foliage to use for your Christmas decorations. Holly-Leaf Sweetspire is one of the most magnificent foliage plants for any California garden. Grows tall and slender. Plant in sun or part shade along the coast, but only part shade inland. 8 ft. 15°.

5885—Gal. tins, \$1.00.

5886—5-gal. tins, \$3.50.

Colorful Geraniums

We have some new breath-taking color combinations in the new hybrids of famous old Martha Washington Geranium which you can see in our display yards in full bloom from about the first of April until late fall.

All plants in gal. tins at \$1.00 and \$1.25 each.



Nerium Oleander—See page 54

Trailing Lantana (Lantana sellowiana)

Nearly everywhere in Southern California you will find Trailing Lantana used to cover sunny banks and walls. A mass of lavender flowers during almost the whole year. It is fast growing and takes a very short time to cover a large area. 22°.

3425—Gal. tins, 80c. 3427—Flats of 100 plants, \$6.00.

Lavandula officinalis

"Old-Fashioned Lavender." An attractive little silvery mound of erect long slender leaves, carrying tall rosy purple flower spikes. 2 to 2½ ft. 5°.

5965—Gal. tins, 90c. 6995—Balled, 1 to 1½ ft., \$2.50.

6997—Balled, 2 to 3 ft., \$4.50.

Leptospermum laevigatum

"Australian Tea Tree." A large spreading shrub, handsome because of the gray-green foliage and quantities of little white flowers. Give it plenty of room, good drainage and little water. Full sun. 8 to 10 ft. 15°.

5970—Gal. tins, 90c. 5971—5-gal. tins, \$3.25.

Leptospermum Rose Double

"Dwarf Rose-Flowered Tea Tree." Here is one of the most beautiful little flowering shrubs ever offered for California gardens. It grows fairly erect but not too large and has soft, fine-cut evergreen foliage. In March and April it produces many little double pink blooms which look like Cecile Brunner Roses. Very unusual when cut for bowl arrangements. Grows easily anywhere, preferring dry soil and full sun. 4 to 6 ft. 15°.

5985—Gal. tins, \$1.00. 5986—5-gal. tins, \$3.50.

Leptospermum Sanders

"Pink Sparkler." One little spray will make you want it for cut flowers. Actually you will get a 6-foot plant, with long, slender arching branches covered with feathery, light green foliage. In the spring each branch is lined with lovely little ¾-inch lilac-pink flowers, shaded crimson. Illustrated, page 51. 6 ft. 15°.

5990—Gal. tins, \$1.25. 5991—5-gal. tins, \$4.00.

Ligustrum japonicum

"Waxleaf Privet." This privet has large, glossy deep green leaves and is hardy from seacoast to desert. For a dense, beautifully foliaged, medium sized hedge, we know of nothing better. While it will grow to 8 feet tall, it can be easily kept to 3 feet in height, if you like. If you want your privet hedge low and compact, put the plants close together; if you want it tall and slender, increase your planting distance. 3 to 8 ft. 10°.

6005—Gal. tins, 80c. 6006—5-gal. tins, \$3.00.

6007—Flats of 100 plants, \$6.00.

Ligustrum lucidum

"Japanese Privet." Leathery, dark green glossy leaves and white flowers. Best tall hedge plant, making fast, heavy, substantial growth. Hardy and drought resistant, it is excellent for Arizona or other desert areas. 4 to 12 ft. 10°.

6010—Gal. tins, 80c. 6012—Flats of 100 plants, \$6.00.

Ligustrum ovalifolium

"California Privet." A very popular hedge plant for severe climates. Strong growing; bright green foliage. Makes a compact hedge which can be pruned to any desired size. Partially loses its leaves in winter. 3 to 8 ft. 0°.

6017—Flats of 100 small plants, \$6.00. 6015—Gal. tins, 80c.

Evergreen Shrubs

Lippia citriodora

"Lemon Verbena." The cool delightful fragrance of its foliage is unequaled and the white flower spikes in summer are attractive. It is always found in the patios of the old Spanish gardens of Europe and America. 24°.

6025—Gal. tins, \$1.25.

Mahonia aquifolium compacta

"Dwarf Oregon Grape." Dark, lustrous, holly-like foliage and yellow flowers, borne in dense clusters in the early spring. The flowers are followed by small purplish berries. For a dense, compact, low bank of foliage, it is almost unexcelled. Grows easily anywhere, best in half-shade with plenty of moisture. See illustration, page 53. 2 to 4 ft. 10°.

6095—Gal. tins, \$1.25. 6096—5-gal. tins, \$4.00.

Malpighia coccigera

"Holly Malpighia." Dainty little dark green holly-like leaves $\frac{1}{2}$ to $\frac{3}{4}$ inch long, covered in late summer and fall with little pink and white frilled blooms which resemble the most beautiful tiny orchids. Shade or semi-shade. Use peat moss or leaf mold and plenty of moisture. 2 ft. 28°.

6770—Gal. tins, \$1.50.

Malvaviscus grandiflorus

"Red Lantern Plant." This shrub quickly becomes a big mass of handsome evergreen foliage, decked with large, bell-shaped, $2\frac{1}{2}$ -inch, bright crimson flowers like miniature Chinese lanterns. It blooms nearly all the year. Plant in sun or semi-shade. 8 to 10 ft. 24°.

6100—Gal. tins, 90c.

Murraya paniculata

"Orange Jessamine." The foliage is a luxuriant shade of green always glossy and fresh looking. In the spring and summer the plant has many panicles of exceedingly sweet scented white flowers like orange blossoms, often at the same time as the small, bright red fruits. It is one of the finest of fragrant flowering shrubs for Southern California. Plant in sun or part shade. 6 to 10 ft. 20°.

6140—Gal. tins, \$1.00. 6141—5-gal. tins, \$3.50.

Myrtus communis

"True Myrtle." Valuable for either single specimens or hedge. Foliage is shiny green and highly aromatic. Has creamy white flowers in spring followed by black berries. Does well anywhere. 4 to 8 ft. 15°.

6152—Flats of 100 small plants, \$6.00.

6150—Gal. tins, 80c. 6151—5-gal. tins, \$3.00.

Myrtus communis Compact

"Dwarf Myrtle." One of the finest low evergreen hedge plants for California or Arizona. Extremely dense and compact, with small dark shining leaves. 3 to 6 ft. 15°.

6157—Flats of 100 small plants, \$6.00.

6155—Gal. tins, 80c. 6156—5-gal. tins, \$3.00.

Note: Armstrong Myrtles are cutting-grown and are therefore uniform in size and shape. Most Myrtles sold are grown from seed and vary greatly.

California Holly (*Photinia arbutifolia*)—See page 55



Plant and Berries of *Nandina domestica*

Myrsine africana

"African Boxwood." Retains its small compact form without pruning. Small, glossy, dense foliage. Splendid for low hedge or border. Full sun or part shade. 2 to 3 ft. 18°.

6145—Gal. tins, 80c. 6146—5-gal. tins, \$3.00.

Nandina domestica

"Heavenly Bamboo." The plant is densely clothed with compound leaflets, bronzy red when young, dark green at maturity, and coppery red in winter. Showy clusters of red berries in winter, but more than one plant is necessary to secure berries. Sun or part shade. 5 ft. 0°.

6160—Gal. tins, \$1.00. 6161—5-gal. tins, \$3.50.

Nerium (Oleander)

The Oleander with its brilliant, showy all-year blossoms, is a beautiful shrub throughout all of California. It does particularly well in the desert regions and warm inland valleys, but does equally well right on the coast. Grows quickly wherever planted.

All varieties: Gal. tins, 90c; 5-gal. tins, \$3.25. Balled plants available as indicated.

Double Salmon (Mrs. Roeding). 6180—Gal. tins. 6181—5-gal. tins. 7046—Balled, 3 to 4 ft., \$7.50.

Double Rose Pink. 6175—Gal. tins. 6176—5-gal. tins. 7042—Balled, 4 to 5 ft., \$7.50.

Double White. 6185—Gal. tins. 6186—5-gal. tins.

Single White. 6195—Gal. tins. 6196—5-gal. tins. 7052—Balled, 4 to 5 ft., \$7.50.

Single Large Red (Cherrytime). Deeper in color than the above, with larger flowers. 6170—Gal. tins. 6171—5-gal. tins. 7039—Balled, 3 to 4 ft., \$7.50.

Single Large Pink (Pink Beauty). A light shade of pink with extra large flowers. 6190—Gal. tins. 6191—5-gal. tins.

Ochna atropurpurea

A new compact shrub from South Africa. Handsome evergreen foliage enhanced in spring with a bronzy tinge. Bright yellow flowers cover it in summer followed by jet-black berries on a vivid red cushion. Plenty of moisture, good drainage. Part shade inland, sun near coast. 4 ft. 20°.

6201—5-gal. tins, \$5.00.

Olearia stellulata Cora

Here is a native of Australia which in spring, is covered with little, 1-inch, pink, daisy-like flowers. The centers of the flowers are bright pink at first, changing to cream and pink. The foliage of the plant is small, thick, gray-green, with a low compact habit of growth. Because of its very bushy and compact habit it will make an attractive display in foreground plantings. 4 to 5 ft. 24°.

6205—Gal. tins \$1.50. 6206—5-gal. tins, \$4.50.



Osmanthus fragrans

"Sweet Olive." Large, handsome, dark green foliage and small, white, extremely fragrant flowers in clusters, the cloying sweetness of these flowers, 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. Plant in the sun near the coast—part shade inland. 10 ft. 15°.

6225—Gal. tins, \$1.00. 6226—5-gal. tins, \$3.50.

Photinia serrulata Nova

"Compact Chinese Photinia." For California and Arizona there is no finer large evergreen shrub. It is always clothed with great, dark, shining, 8-inch leaves, which are dotted during fall and winter with occasional brilliant red leaves. In spring the plant becomes a solid mass of great 6-inch heads of white flowers. It grows anywhere with ease. 8 to 10 ft. 5°.

6330—Gal. tins, \$1.00. 6331—5-gal. tins, \$3.50.

Photinia arbutifolia

"California Holly." One of the finest native California shrubs is the Toyon, which is covered with great handsome clusters of brilliant red berries during the Christmas season. It makes a large, spreading bush or small tree attractive throughout the year but especially so when loaded with its handsome berries. The berries are fine for indoor decorations, too. This is a specially selected strain, grafted on special rootstock to insure success in your garden. Plant in full sun with good drainage. 6 to 10 ft. 15°.

6326—5-gal. tins, \$5.00.

Pittosporum rhombifolium

Small tree or large shrub of compact habit, with very fragrant white flowers, followed by clusters of large orange berries in fall and winter. 15 ft. 20°.

6355—Gal. tins, \$1.00. 6356—5-gal. tins, \$3.50.

Pittosporum tobira

A wide spreading, dense, round-headed shrub, with deep, glossy green foliage widely planted throughout California and Arizona. It thrives anywhere. 5 to 8 ft. 15°.

6360—Gal. tins, 80c. 6361—5-gal. tins, \$3.00.

Pittosporum undulatum

"Victorian Laurel." Large, deep green, glossy undulated leaves. The yellowish white flowers are very fragrant, especially at night and are followed by big orange berries. Widely planted in Southern California as a large shrub or small tree. 8 to 20 ft. 20°.

6365—Gal. tins, 80c. 6366—5-gal. tins, \$3.00.

Bush form, balled. 7061—3 to 4 ft., \$7.50. 7062—4 to 5 ft., \$10.00.
Tree form, balled. 7063—4 to 5 ft., \$10.00. 7064—5 to 6 ft., \$12.50.

Punica granatum Dwarf

"Carnation-Flowered Pomegranate." How would you like quantities of brilliant scarlet carnations followed by attractive big red fruits? This delightful shrub with its fresh bronzy green summer foliage will provide them. See illustration on page 56. It is an improved strain of the older dwarf pomegranate usually sold. May lose its leaves for only a short while during winter. Full sun, coast or desert. 3 to 4 ft. 15°.

6410—Gal. tins, \$1.00. 6411—5-gal. tins, \$3.50.

Pyracantha crenato-serrata Graber

"Graber's Firethorn." The finest red Pyracantha grown. The plant is large and vigorous, with big glossy foliage. The bright crimson berries, illustrated at right, are borne in clusters as big as your two fists. A single plant, grown freely or trained flat against a building or wall, is a spectacular sight in the fall, and the berries are at their best at Christmas time. The plant is covered in spring with many small white flowers. Give it plenty of room—it will use it. 8 to 10 ft. 10°.

6420—Gal. tins, \$1.00. 6421—5-gal. tins, \$3.50.

6424—Gal. tins (staked), \$1.50. 6423—5-gal. tins (tree), \$5.00.

6422—5-gal. tins (trellis), \$7.50.

Pyracantha coccinea lalandi

"Orange Firethorn." This popular orange-berried variety is on fire in the fall and winter, with great masses of brilliant orange berries. Hardier than other Pyracanthas. 6 to 8 ft. 0°.

6415—Gal. tins, \$1.00. 6416—5-gal. tins, \$3.50.

Pyrus kawakami

"Evergreen Pear." The fresh, luxuriant pear foliage is handsome and evergreen the year around. In the spring it is almost obscured by masses of fragrant white flowers. May be grown as a small tree, a large shrub, or very effective espaliered against wall or fence. 8 to 12 ft. 15°.

6431—5-gal. tins, \$4.00.



Pittosporum rhombifolium Makes a Fine Large Shrub or Small Tree

Plumbago capensis

"Blue Cape Plumbago." A clambering, semi-climbing shrub, covered all summer with lovely azure-blue flowers. Placed in a corner against a sunny wall it will fill the space quickly, and provide bright blue color all summer long. Very fast growing. Full sun. 5 ft. 24°.

6370—Gal. tins, \$1.00. 6371—5-gal. tins, \$3.50.

Prunus ilicifolia

"Hollyleaf Cherry." 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. 5 to 10 ft. 10°.

6385—Gal. tins, \$1.00. 6386—5-gal. tins, \$3.50.

Prunus lyoni

"Catalina Cherry." 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 tree. Grows easily anywhere in full sun and any soil. 15 to 25 ft. 12°.

6390—Gal. tins, 90c. 6391—5-gal. tins, \$3.25.

Berries of Graber's Firethorn Shown Here 2/3 Natural Size



Evergreen Shrubs

Rhamnus californica crassifolia

"Thick-Leaf Coffee Berry." A good looking permanent background shrub with its large broad leathery leaves and compact habit (it grows right down to the ground). It will grow almost anywhere with little care, almost no water and is always attractive. The coffee-like berries are first red, then black. 5 to 6 ft. 15°.

6455—Gal. tins, \$1.50. 6456—5-gal. tins, \$4.50.

Rhamnus crocea pirifolia

"Holly-Leaved Buckthorn." Big, glossy, 4-inch leaves and plenty of big, bright red berries in summer. You must have several plants to get berries. Easily grown anywhere. 15 to 20 ft. 15°.

6460—Gal. tins, \$1.50.

Rhus ovata

"Sugar Bush." Big, shiny green, 4-inch leaves that are thick and leathery, give this California native beautiful all-year foliage. The small creamy flowers in April are followed by deep red berries with a sugary covering. Grows anywhere and when other plants begin to look rusty from the heat, the Sugar Bush is fresh and brighter than ever. Full sun. Any soil. 6 to 10 ft. 18°.

6465—Gal. tins, \$1.50. 6466—5-gal. tins, \$4.50.

Bird of Paradise (Strelitzia)

Raphiolepis indica rosea

"Pink Indian Hawthorn." One of the finest flowering shrubs for California, it requires no pruning. Becoming as wide as it is high, it is covered in early summer with the most magnificent large 6-inch panicles of half-inch pink flowers like apple blossoms, sweetly fragrant. Its foliage is extremely handsome and the flowers are followed by interesting clusters of blue-black berries. Ours are cutting-grown plants. Ordinary seedlings, often sold under this name by others, will never even approach them in beauty. 3 to 5 ft. 15°.

6445—Gal. tins, \$1.75. 6446—5-gal. tins, \$5.00.

Raphiolepis delacouri

"Delacour Hawthorn." This plant makes a bushy, rounded, compact mound of rich olive-green foliage, the new growth being mahogany-red. In the spring it is covered with big 4-inch panicles of clear rosy pink flowers, deeper in color than those of the Pink Indian Hawthorn. Sun or part shade. 5 to 8 ft. 15°.

6441—5-gal. tins, \$5.00.

Romneya White Cloud

"Improved Matilija Poppy." This new hybrid is a great improvement over the ordinary Romneya with larger flowers and foliage. Snowy white 8-inch blooms, graceful in spite of their size, are held on the ends of 5 to 6-foot stems. The plant makes a wide-spreading, many-stemmed clump, clothed right down to the ground with big blue-gray 5-inch leaves. May freeze down in colder areas but will come right up again in the spring. Full sun. 6 ft. 15°.

6471—5-gal. tins, \$5.00.

The New Carnation-Flowered Dwarf Pomegranate (Punica). Attractive red fruits follow the bright scarlet flowers.



Rondeletia cordata

It makes a magnificent clump of glossy bright green foliage throughout the year. Covered in spring with big heads of richly colored blooms as shown in color illustration on page 57. The buds and flower tubes are deep reddish salmon, while the petals are flesh-pink with a yellow-bearded throat. The plants we have are so beautiful and so full of flower buds that we get a lot of pleasure sending them to you, and you'll get far more pleasure from them for many years to come. 4 to 6 ft. 26°.

6780—Gal. tins, \$1.00. 6781—5-gal. tins, \$3.50.

Rondeletia amoena

Another lovely foliaged, brilliantly flowered beauty with even more vivid flowers than the above kind. The flowers are rich pink with yellow-bearded throat. Both of these *Rondeletias* grow luxuriantly anywhere in the coastal and foothill regions of Southern California. 4 to 6 ft. 26°.

6775—Gal. tins, \$1.00. 6776—5-gal. tins, \$3.50.

Rosemary

Rosmarinus officinalis. A delightful little plant for its fragrant gray-green foliage and little light lavender blooms. 3 ft. 5°.

6480—Gal. tins, 90c.

Rosmarinus officinalis Prostrate. The same fragrance, blooms, and foliage as above but is a creeping form of Rosemary which becomes 2 or 3 feet across but never gets over 8 inches high. 5°.

6485—Gal. tins, \$1.00.

Salvias

Salvia leucantha. A 2-foot shrub with many spikes of woolly violet-purple and white flowers in late summer and fall. Full sun. Cut back in winter. 15°.

6490—Gal. tins, 90c.

Salvia mexicana. Tall and fast-growing with rich deep blue flower spikes in late winter. Prune back after blooming. Full sun. 28°.

6495—Gal. tins, 90c.

Sollya heterophylla

"Australian Bluebell Creeper." A trailing shrub with many slender twining stems. Splendid for covering banks, low fences, stumps and other objects. Brilliant blue, small, bell-shaped flowers. 1 ft. 22°.

5550—Gal. tins, 90c.

Spartium junceum

"Big Yellow Spanish Broom." Fast-growing with many slender, bright green branchlets almost devoid of leaves. Bears almost continually large pealike, bright yellow flowers. Very fragrant. Thrives in the salt spray of the seashore or the hot sun of the desert. 10 ft. 10°.

6555—Gal. tins, 90c.

Sphaeralcea umbellata

"Mexican Mallow." Fast growing with big, luxuriant leaves and bright crimson cup-shaped flowers two inches across, with a white splash at the base of the petals. Blooms all through the late winter, spring and summer and in September is still going. The hotter the weather, the better it likes it. You can leave it for six weeks without water, it doesn't mind it a bit. 4 to 6 ft. 19°.

6560—Gal. tins, \$1.00. 6561—5-gal. tins, \$3.50.

Stenobium stans angustatum

"Hardy Yellow Trumpet." 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. Fast growing. Full sun. 8 ft. 22°.

6575—Gal. tins, \$1.25.

Strelitzia reginae

"Bird-of-Paradise." The exotic, showy flowers of this striking plant resemble the crested head of a tropical bird. They are gorgeously hued in brilliant orange and bright blue and are among California's most magnificent blooms. The 3-foot flower 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. 2 to 4 ft. 24°.

6790—Gal. tins, \$2.00. 6791—5-gal. tins, \$6.00.



Streptosolen jamesoni

A favorite along the sea coast where the little spreading shrub does particularly well. Will grow in the inland valleys as well. It produces throughout much of the year masses of brilliant orange flowers. You don't have to wait for the blooms either, because it starts blooming almost as soon as you plant it and continues to produce great masses of those bright orange flowers. Plant in full sun. Likes plenty of moisture but good drainage. 3 ft. 29°.

6795—Gal. tins, \$1.00.

Teucrium fruticans

"Silver and Blue Germander." One of those useful little plants that grows well in any soil or climate and is particularly good for dry, rocky places. The handsome blue-gray foliage, silvery white stems, and many little light blue flowers make a pleasing color harmony all summer long. Full sun. 3 ft. 10°.

6605—Gal. tins, 90c.

Turraea has flowers like this from July to November.

Flowers of *Rondeletia cordata*

Viburnum burkwoodi

"Gardenia-Scented Viburnum." In early spring it bears large 3-inch flower heads of waxy white, pink-flushed flowers, with a gardenia-like fragrance. Beautiful shiny green foliage. Partial shade. 4 ft. 0°.

6630—Gal. tins, \$1.00. 6631—5-gal. tins, \$3.50.

Viburnum odoratissimum

"Sweet Viburnum." Big, shining 6-inch foliage, and fragrant, white, 4-inch flower panicles that are delightfully fragrant are followed by red berries. Best in shade or part shade. Plenty of moisture. 6 to 8 ft. 12°.

6640—Gal. tins, \$1.25. 6641—5-gal. tins, \$4.00.

Viburnum suspensum

Glossy dark green leaves and fragrant, white, rose-scented flowers in winter. The most popular foundation shrub. Best in light shade. 8 ft. 18°.

6645—Gal. tins, 80c. 6646—5-gal. tins, \$3.00.

Xylosma senticosa

"Shiny Xylosma." We believe this to be the finest foliage plant for sunny positions in Southern California. It needs no pruning to keep it in shape, and is not particular about soil or water. Extreme temperatures of 110° or 17° affect it not the least. 5 ft. 15°.

6655—Gal. tins, \$1.00 6656—5-gal. tins, \$3.50



The New Matilija Poppy (*Romneya*)

Tibouchina grandiflora

"Princess Flower." A vastly improved form of this colorful plant, with soft, velvety foliage and four-inch royal-purple flowers throughout most of the year. Needs a sheltered location, protected from wind, and good drainage. 6 ft. 28°.

6800—Gal. tins, \$1.00.

6801—5-gal. tins, \$3.50.

Turraea obtusifolia

"South African Star Bush." We think this South African plant is one of the most satisfactory small flowering garden shrubs. It makes a compact, handsomely foliaged plant, carrying many star-shaped jasmine-like pure-white flowers, 1½ to 2 inches across in the summer. It stands plenty of heat and will grow in either full sun or part shade. From July to November, every branch looks like the one illustrated at the left. 3 ft. 26°.

6805—Gal. tins, \$1.25.

6806—5-gal. tins, \$4.00.



Flowering Vines

Many exotic, beautifully flowered vines of the tropics are listed here in addition to the hardy vines of colder climates which thrive in California. You can select a vine for any purpose and the approximate minimum temperature will give you some idea of its hardiness. Most vines will stand temperatures several degrees lower than indicated if they are planted in the shelter of a building or another plant. Every vine listed is an evergreen unless otherwise stated.

Except for a few specified kinds, all vines listed here can be shipped and planted at any time during the year. Gal. tins weigh approximately 10 lbs.; 5-gal. tins, about 50 lbs. packed. For shipping costs see page 4.



Clematis jackmani

Bougainvilleas

Possibly the most colorful of all semi-tropical flowering vines are the Bougainvilleas. No vine will produce a mass of color for a longer period for they are almost everblooming. Particularly good in coastal areas where the display amazes the tourists.

Bougainvillea spectabilis

"Purple Bougainvillea." Hardest of the Bougainvilleas, bearing a mass of brilliant reddish purple flowers. Easily grown, but needs sun. 20°.

3030—Gal. tins, \$1.25. 3031—5-gal. tins, \$4.00.

Bougainvillea Crimson Lake

This is the spectacular brilliant crimson variety. Although it grows as vigorously as the purple bougainvillea, it is quite tender. Full sun. 28°.

3040—Gal. tins, \$1.25. 3041—5-gal. tins, \$4.00.

Bougainvillea praetorius

"Bronze Bougainvillea." The most unusual of the bougainvilleas with beautiful bronzy gold flowers changing at times to apricot or orange-yellow. Best near the seacoast. 28°.

3050—Gal. tins, \$1.25. 3051—5-gal. tins, \$4.00.

Bougainvillea San Diego

"Tremendous" would be a good word for this variety because everything about it is just that. The brilliant crimson bracts are similar in color to those of Crimson Lake, but they are much larger and even more spectacular. San Diego is one of the most vigorous and fastest growing bougainvilleas we have ever seen. 28°.

3060—Gal. tins, \$1.25. 3061—5-gal. tins, \$4.00.



Distictis Rivers
"Royal Trumpet Vine"
(considerably reduced in size)

Antigonon leptopus

"Queen's Wreath." This magnificent flowering vine from Mexico thrives almost anywhere in Southern California, including the mild-wintered desert sections. It grows very rapidly to 20 or 30 feet. From early spring to late autumn it is a mass of bright rose-pink heart-shaped flowers. Likes plenty of warm summer weather but will stand plenty of frost in the winter. The top dies clear to the ground, but comes up quickly every spring to make a magnificent display once again. Plants available from March 1st to December 1st. 20°.

3010—Gal. tins, \$1.50.

Campsis tagliabuana Mme. Galen

"Orange-Red Trumpet Vine." A fast growing trumpet vine with great clusters of large brilliant scarlet-orange flowers borne in gorgeous profusion in the spring and summer. Perfectly hardy anywhere, leafless in winter. See illustration on page 59. Bare root during January, February and March. Zero.

6821—5-gal. tins, \$3.50. 2660—Bare root, \$2.00.

Cissus capensis

"Evergreen Grape." One of the most luxuriant, picturesque and daintily foliaged of all vines for rambling over a large space is this wild grape vine. The all-year foliage is enhanced in the summer with quantities of reddish black edible grapes which make delicious jelly. Sun or part shade. 28°.

5160—Gal. tins, \$1.25. 5161—5-gal. tins, \$4.00.

Cissus hypoglauca

"Glossy-Leaved Creeper." An informal rambling creeper or climber which will spread over any kind of object in a short time. Particularly valuable in providing a mass foliage effect. We like it because the handsome shiny evergreen five-fingered leaves look as though they had been polished. They are just as beautiful in the middle of winter as they are during the spring, summer, and fall.

5165—Gal. tins, \$1.25. 5166—5-gal. tins, \$4.00.



Golden Hibbertia



Brilliant Flowers of the Orange-Red Trumpet Vine

Clematis jackmani

"Purple Clematis." This is the attractive large flowered Clematis with the showy bright purple flowers, which is so highly prized in the East and Middle West. It does not thrive quite so well here in California, but can be easily grown if desired. The tops should be cut off at the ground during the winter and allowed to start over in the spring. Part shade. Zero.

5195—Gal. tins, \$1.50.

Clytostoma callistegioides

"Violet Trumpet Vine." The delicate beauty of its flowers and its luxuriant dark green foliage make it one of California's most beautiful vines. In late winter and early spring it is covered with lovely big trumpet-like flowers of delicate violet. It will clamber over a fence, wall, building, or even over a shrub or tree if you want it to. Sun or shade. 20°.

5215—Gal. tins, \$1.50.

5216—5-gal. tins, \$4.50.



Fragrant Flowers of Hall's Honeysuckle

Distictis lactiflora

"Vanilla-Scented Trumpet Vine." One of the finest of all vines for the milder regions of California. It makes a dense mass of deep green foliage, covered almost all spring, summer, and fall with big trumpet-shaped flowers 3½ inches across. The flowers open a rich purple, lightening to various lovely shades of lavender as they age. Blooms almost 8 months in the year, the flowers carrying a delightful vanilla scent. 24°.

5400—Gal. tins, \$1.50. 5401—5-gal. tins, \$4.50.

Distictis Rivers

"Royal Trumpet Vine." 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 you can see on it clusters of long flaring trumpets, fully 6 inches in length. The tube of the trumpet is brilliant yellow and the open face a gorgeous royal purple, which changes as the flowers age to rich shades of violet and lilac. Always there is a vivid orange color in the throat. Its brilliancy is breath-taking and it is delightfully fragrant, too. Full sun. 22°. Plant Pat. No. 554.

5405—Gal. tins, \$1.50. 5406—5-gal. tins, \$4.50.

Doxantha unguis-cati

"Catclaw Yellow Trumpet." Large, brilliant yellow trumpet flowers 3 inches long and 4 inches across. The shoots cling to any surface making a dense mat of foliage. Excellent for the desert or anywhere else. Full sun. Zero.

5410—Gal. tins, \$1.25. 5411—5-gal. tins, \$4.00.

Ficus pumila

"Creeping Fig." 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. 15°.

5615—Gal. tins, \$1.00.

Gelsemium sempervirens

"Carolina Jessamine." A slender twining vine, rapid growing and hardy, covered in the spring with golden yellow, fragrant, bell-shaped flowers. Splendid for framing a small arch or gateway, or covering a low fence. Where moderate size is desired this dainty vine is just what you need. Grows well in all soils and climates and is always a cheerful mass of color in the spring. 15°.

5665—Gal. tins, \$1.25. 5666—5-gal. tins, \$4.00.



Scarlet Honeysuckle

Hibbertia volubilis

"Guinea Gold Vine." Grows rapidly to 8 or 10 feet and is densely clothed with the most handsome, heavy textured, dark-green foliage imaginable. For many weeks in the summer it bears quantities of brilliant yellow flowers of the size shown on the opposite page. Probably the best evergreen yellow-flowered climber that we offer. It grows very well in a tub for your terrace or patio, too. Sun or part shade. 20°.

5795—Gal. tins, \$1.50. 5796—5-gal. tins, \$4.50.

Evergreen Ivies (Hedera)

Hedera canariensis. "Algerian Ivy." We like it better than English Ivy because it grows faster and has bigger and brighter green leaves—6 inches across. 12°.

5737—Flat, \$6.00. 5735—Gal. tins, 80c. 5736—5-gal. tins, \$3.50.

Hedera canariensis Yellowedge. Beautiful big leaves handsomely blotched with light green, dark green, and creamy yellow. Shade or semi-shade. 15°.

5742—Flat, \$6.00. 5740—Gal. tins, 80c. 5741—5-gal. tins, \$3.50.

Hedera helix. "English Ivy." Excellent wall or bank covering in sun or shade. A good ground cover. 10°.

5747—Flat, \$6.00. 5745—Gal. tins, \$1.00.

Hedera helix Hahn's. "Hahn's Ivy." The best dwarf ivy for ground cover also excellent for indoor pot culture. 15°.

5752—Flat, \$6.00.

Giant Burmese Honeysuckle
The flowers in this illustration are less than one-half actual size.





Polygonum cuberti Produces a Mass of Bloom

Flowering Vines

Hardenbergia comptoniana

Among all blue flowering vines this is our favorite. It sends its dainty, tiny, slender, leaflets over and around any kind of a fence or other object and even shoots up into overhanging shrubs and trees. In late winter it is a marvelously beautiful sight when covered with its myriad 6-inch racemes of lovely violet-blue pea-shaped flowers. It is one of the few vines suitable for the north side of your house. 20°.

5730—Gal. tins, \$1.75.

Honeysuckles

Lonicera hildebrandiana

"Giant Burmese Honeysuckle." Gigantic in all respects, it will cover huge spaces and produce unbelievable 7-inch yellow flowers, deliciously fragrant, which change to orange, red, and buff as they age. Plants of this rare variety are often grafted on other roots and sucker badly. Ours are cutting grown and will always remain true. Grows especially well near the coast. Sun. 24°.

6041—5-gal. tins, \$5.00.

Lonicera sempervirens Scarlet

"Scarlet Woodbine." This variety does not get as dense in growth as Hall's Honeysuckle, but the large showy orange-scarlet flowers have the brightest color in Honeysuckles. Like all Honeysuckle, it thrives most anywhere and is tolerant of a wide range of soils and climate. Possibly it has a somewhat richer color in areas adjacent to the coast. Zero.

6050—Gal. tins, \$1.00.

Lonicera japonica halliana

"Hall's Honeysuckle." This is the common Honeysuckle familiar to almost everyone for the delightful fragrance of the white flowers which change from cream to deep yellow as they age. Thrives equally on the coast or desert, in sun or shade. For rapid growth, dense foliage, and quantities of fragrant flowers, this Honeysuckle is unexcelled. It makes a good fast growing ground cover, in sun or shade. Zero.

6045—Gal. tins, \$1.00. 6047—Flat, \$7.50.

— o o —

Parthenocissus tricuspidata veitchi

"Small-Leaved Boston Ivy." A vine which clings to any surface unaided and closely covers a wall, chimney, or stonework with a soft mantle of green. In the fall the leaves turn to gorgeous reds and yellows, and drop completely during the winter. Sun or shade. Zero.

6240—Gal. tins, \$1.25.

Phaedranthus buccinatorius

"Blood-Red Trumpet Vine." A splendid evergreen climbing shrub which sends its heavy, dark green foliage everywhere. All through the spring, summer and fall it 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. 24°.

6255—Gal. tins, \$1.50. 6256—5-gal. tins, \$4.50.

Philadelphus mexicanus

"Climbing Syringa." You won't have to pamper it because even with ordinary care it will thrive. It quickly covers a fence or wall, or it may be grown as an attractive spreading 6 to 8-foot shrub. For weeks during the spring you'll delight in a profusion of creamy white, 2-inch, double flowers, so marvelously fragrant that they will scent your entire garden. Sun or half shade. 12°.

6265—Gal. tins, \$1.00.

Polygonum cuberti

"Silver Lace Vine." This extremely fast growing, twining vine will often grow 25 feet or more in a single season. During late spring and again in the fall it becomes literally a cloud of tiny, fragrant, white flowers, hanging in panicles 6 to 8 inches long. The illustration at the top of the page will give you some idea of the profusion of bloom. It is very hardy and will grow almost anywhere, but loses its leaves during the winter. Zero.

6380—Gal. tins, \$1.25.

Jasmines

Jasminum dichotomum

"Goldcoast Jasmine." A real gem among the Jasmines is this lovely African species with its big, glossy, handsome foliage, rapid growth, and exceedingly fragrant white blooms. The snowy white flowers at the end of their long tubes are 1 inch across. 20°.

6755—Gal. tins, \$1.25.

Jasminum mesnyi

"Primrose Jasmine." 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. The flowers, almost 2 inches across, are only slightly fragrant. Zero.

6760—Gal. tins, \$1.00. 6761—5-gal. tins, \$3.50.

Jasminum officinale grandiflorum

"Spanish Jasmine." Extremely vigorous, rapid growing, resistant to heat and very hardy. The large pure white flowers are extremely fragrant. In fact, this variety produces the essence which forms the basis of the world's finest perfumes. Thrives from coast to coast. 15°.

6765—Gal. tins, \$1.00. 6766—5-gal. tins, \$3.50.

Mascagnia macroptera

"Green-Gold Vine." Enormous chartreuse butterflies among sprays and clusters of large, brilliant, golden yellow flowers. That's the way it looks when the attractive pale green seedpods appear among the brilliant late summer flowers. The fine looking honeysuckle-like foliage makes an attractive background for the flowers and butterfly pods. It is possible to make some striking floral arrangements from the two. A medium grower, it likes full sun and dry soil. 20°.

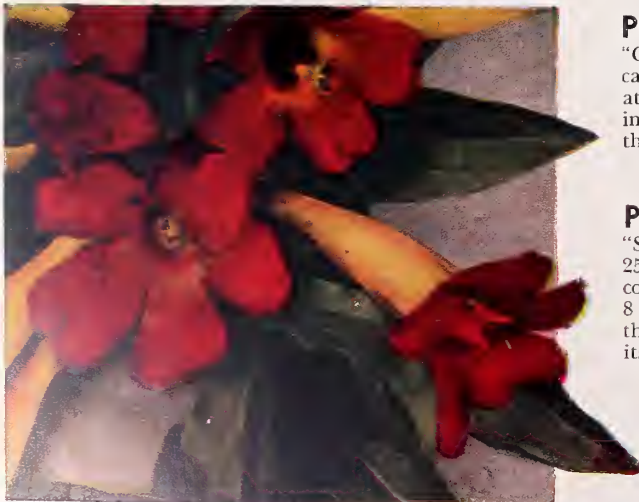
6115—Gal. tins, \$1.50. 6116—5-gal. tins, \$4.50.

Oxera pulchella

"Ivory White Trumpet Vine." In the fall of the year it is a mass of 2-inch, ivory white, trumpet-shaped blooms, so waxy and delicate in texture that you can hardly believe them real. The glossy dark green foliage sets them off to perfection. Best along coast or in sheltered foothills districts. Semi-shade. 25°.

6230—Gal. tins, \$1.50. 6231—5-gal. tins, \$4.50.

Blood-Red Trumpet Vine



Pyrostegia ignea

"Flame Vine." For brilliancy of color and abundance of bloom, this magnificent vine is difficult to excel. It is particularly valuable for throughout the winter months, when other flowers are scarce, it is a brilliant mass of vivid orange flaming scarlet flowers. It is easy to grow but it is rather tender and suited only to the warmer sections of California. Full sun. 26°.

6425—Gal. tins, \$1.50.

Vines That Fruit

If you feel that your vines should be fruitful as well as ornamental, there are some splendid grape varieties listed on pages 87 and 88. A very handsome ornamental vine for warmer sections is the Passion Fruit listed on page 102. There is also the Chayote or Climbing Potato which produces a starchless potato substitute on page 89.

Solandra guttata

"Cup of Gold." This native of Mexico grows to tremendous proportions and needs plenty of room. Everything about it is big, from the huge shiny polished leaves to the enormous trumpet-shaped golden yellow flowers, often 8 inches or more across, and quite fragrant. Although it is quite tender and best suited to frostless coastal areas, it is certainly a spectacular sight. 28°.

3600—Gal. tins, \$1.50. 3601—5-gal. tins, \$4.50.

Tecomaria capensis

"Cape Honeysuckle." We think this is one of the finest all-around plants which we grow, since it has many uses. It may be grown as a half climber and also makes an extremely attractive large shrub. It is one of the few things in bloom in the fall and winter when other flowers are scarce and it is certainly a sight when covered with clusters of bright red flowers resembling scarlet honeysuckle. The bright green foliage is attractive throughout the year. 24°.

6600—Gal. tins, \$1.00. 6601—5-gal. tins, \$3.50.

Chinese Wistaria Produces a Spectacular Moss of Flowers Before the Leaves Appear in the Spring

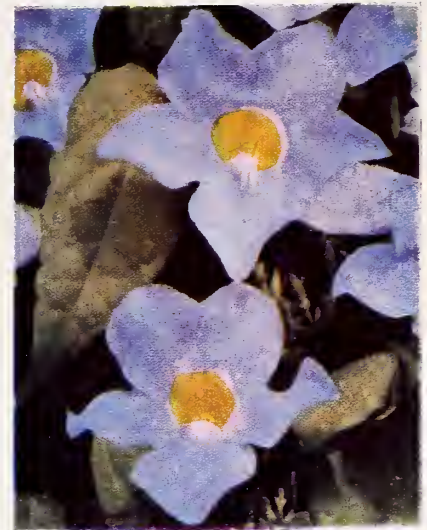


Stephanotis floribunda

"Fragrant Corsage Vine." Here is a rare and lovely vine with snow-white, exquisitely shaped blooms, 1 to 2 inches across, and a delightful fragrance so penetrating that it will fill an entire garden. Your florist will tell you that the waxy, long-lasting white flowers with their powerful fragrance are perfect for corsages. The vine is exceedingly attractive with its big, thick, 4-inch glossy leaves. You can grow it in your garden but you can also grow it for years in a large pot for your porch or patio. It is one of the very finest vines on our list, and it is seldom that we can grow enough to supply the demand. Unfortunately, Stephanotis is not suitable to all areas, but it does exceedingly well in the frostless areas along the coast. It requires plenty of moisture and is hardy to about 30°.

3612—9-inch pots, trellised, \$12.50.

3611—5-gal. tins, \$7.50.



Thunbergia grandiflora

Thunbergia grandiflora

"Sky Flower." In mild locations this is a magnificent vine. It is extremely rapid in growth with the large heart-shaped leaves overlapping to make a dense covering. The color of the flowers is one that is rare in the vines, bright sky-blue, about 3 inches across, they hang in clusters over the plant. Even if the plant is frozen down, it comes up and blooms again in the same season. Usually blooms in the fall, winter, or spring when other flowers (and particularly blue ones) are rare. Does best in semi-shade. 30°.

3630—Gal. tins, \$1.50. 3631—5-gal. tins, \$4.50.

Thunbergia gibsoni

"Orange Clock Vine." In brilliancy of color this vine is difficult to surpass. The golden orange flowers from 1½ to 2 inches across never fail to draw attention, and it is in bloom almost all during the year. You need nothing for it to climb over, for it will just wander along wherever you plant it, ambling over any stump, rock or fence in its path. Best near the coast. Full sun. 30°.

3620—Gal. tins, \$1.25.

Trachelospermum jasminoides

"Star Jasmine." It will absolutely dominate your garden in spring and early summer with the marvelous perfume from thousands of little star-shaped white flowers. It is worth planting for just one whiff of the delicate intoxicating fragrance. The vine is strong growing, but not rampant, and beautifully foliaged with big, leathery, glossy leaves. It thrives equally well in full sun, shade, or semi-shade, and is hardy almost anywhere in California. 18°.

6620—Gal. tins, \$1.75. 6621—5-gal. tins, \$5.00.

Wistarias

Wistarias are one of the most popular of the spring flowering vines because of the beauty of their long pendulous flower clusters. Give them plenty of room because they grow fast and large. They are leafless in winter. Plant in full sun. Bare-root plants available December to April only.

Wistaria sinensis

"Chinese Wistaria." One of the most popular of all Wistarias because it never fails to cover itself with giant, blue flower clusters before the leaves appear in the spring. 5°.

2675—Bare root, \$2.50. 6877—5-gal. tins, \$4.00.

Wistaria sinensis alba

"White Chinese Wistaria." This variety is very similar to Wistaria sinensis above, except that the flowers are white and have a honey-sweet fragrance. 5°.

2680—Bare root, \$2.50. 6879—5-gal. tins, \$4.00.

Wistaria floribunda macrobotrys

"Long Cluster Wistaria." A very beautiful Wistaria because the lilac flower racemes are often 2 feet long. Blooms later than the Chinese Wistaria, and not so heavily. 10°.

2665—Bare root, \$2.50. 6873—5-gal. tins, \$4.00.

Wistaria violaceaplana

"Double Chinese Wistaria." A beautiful variety with long violet-blue flower clusters. Very fragrant. 10°.

2685—Bare root, \$2.50. 6881—5-gal. tins, \$4.00.



Flowers of the Orchid Tree (Pink, Purple and Yellow)

Acacia baileyana

"Silver Wattle." 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. 30 ft. 10°.

4811—5-gal. tins, \$3.50.

Acacia longifolia

"Everblooming Acacia." A fast growing upright tree, making a dense round head. It has long narrow leaves and small creamy-yellow flowers in summer. If you want a neat, compact, good-looking tree in a very short time, and one that does not take very much care, this one will fill the bill. 25 ft. 18°.

4816—5-gal. tins, \$3.50.

Useful Small Trees

Many of the large shrubs listed in our Evergreen Shrub section can be used very successfully as small trees. Among these are *Pittosporum undulatum* which can be used as a lawn or parkway tree. Several other large shrubs which can be used as small trees are *Prunus lyonii* "Catalina Cherry" and *Pyrus kawakami* "Evergreen Pear." All of these are described on page 55.

Bauhinia variegata

"Orchid Tree." An exceedingly showy small tree with two-lobed leaves and quantities of magnificent large flowers of deep pinkish lavender, with brilliant markings of purple and yellow, 3 inches across. It grows easily except directly on the coast, stands a lot of heat and considerable cold. If you would like a whole tree of orchids in your garden, plant one of these beautiful Bauhinias. It takes little more room than a large sized shrub and will fit into almost any sunny corner of your garden. It partially loses its leaves in April so it can better display its beautiful flowers. 15 ft. 20°.

4886—5-gal. tins, \$4.00. 6900—Balled, 6 to 8 ft., \$15.00.
6901—Balled, 8 to 10 ft., \$20.00.

Evergreen Trees

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 trees here which are rarely seen in California because planters simply do not know how attractive they are. Such trees include the Pearl Acacia, Orchid Tree, Cape Chestnut, Shamel Ash, Sweetshade, Flowering Oak, and Dwarf Magnolia.

Shipping Weight: The average shipping weight of plants in gallon tins is 10 lbs. each, in 5-gallon tins, 50 lbs. each. See page 4 for complete shipping information.

Quantity Discount: You get a special discount on 10 or more trees of one variety or 25 assorted trees or plants. See page 34.

The black squares under each month in the calendar at right indicate that you can plant evergreen shade trees during every month in the year.

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

Shade and Fruit, Too

Some trees will give beautiful evergreen foliage for shade and fruit, too. Here are a few.

Avocados. Two or three selected from those varieties on page 96 will furnish fruit almost the year round.

Olives. For a fine picturesque shade tree the olives on page 100 are unexcelled.

Macadamia. Dark green leaves and delicious nuts make this an excellent shade and fruit tree. See page 102.

Flowers of the Cape Chestnut (*Calodendrum capense*)

Acacia podalyriaefolia

"Pearl Acacia." This unusual dwarf spreading Acacia with its striking pearl-grey foliage has the showiest and most spectacular flowers of all acacias. Blooms from November to February and is usually at its best at Christmas time when you can fill big vases with gloriously bright, fragrant, canary-yellow flowers. Plant in full sun. 15 ft. 18°.

4820—Gal. tins, \$1.50. 4821—5-gal. tins, \$4.50.

Calodendrum capense

"Cape Chestnut." The medium sized, compact, rounded head of glossy green foliage is covered solidly with great 6 to 12-inch particles of unbelievably beautiful rosy lavender blooms in early summer. Partially loses its leaves in April just before the flowering season. Likes full sun, a light soil, and little water. Protect it for the first two years where temperatures go below 22°. 25 to 40 ft. 15°.

4981—5-gal. tins, \$4.50.
6915—Balled, 4 to 5 ft., \$6.00.
6916—Balled, 5 to 6 ft., \$7.50.
6917—Balled, 6 to 8 ft., \$10.00.



Brachychiton acerifolius

"Flame Tree." This unique tree with its 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 it is one of the showiest flowering trees that can be planted. When it is a solid mass of dazzling color it makes a wonderful sight against the blue of the sky or mountains in June. 30 to 50 ft. 24°.

6691—5-gal. tins, \$4.50.

Brachychiton populneus

"Bottle Tree." Excellent for narrow parkways and dry soils because of its small, narrow pyramidal shape and deep-rooted habit. The pretty little, bell-shaped, cream-colored flowers add to its attractiveness. Excellent for the desert or anywhere else.

4921—5-gal. tins, \$3.50.

Ceratonia siliqua

"Carob Tree." Its symmetrical shape and dense, glossy, evergreen foliage; the same throughout the year, make 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 very satisfactory tree for most of Southern California. While it is only a moderate grower, it is well worth planting because it is a tree of which you will never tire. 40 ft. 12°.

5081—5-gal. tins, \$4.50. 5082—16-inch box, \$17.50.

Ceratonia siliqua Bolser

"Bolser Carob." This beautiful selected carob variety bears large quantities of long dark brown pods containing a sweet pulp, 60% sugar. The locusts which St. John the Baptist ate in the wilderness were carob pods, and the pods are sometimes called St. John's Bread. Bolser has been selected as the carob bearing the largest quantity of pods with the highest percentage of sugar, and it is, in addition, one of the most beautiful and vigorous shade trees that you could imagine. 30 ft. 12°.

5086—5-gal. tins, \$10.00.

Cinnamomum camphora

"Camphor Tree." The Camphor Tree often attains great size, but not for many years. 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 tinted with rich bronze in the spring. It is a clean, hardy, deep-rooted tree sure to give satisfactory results nearly anywhere. 75 ft. 10°.

5156—5-gal. tins, \$4.00. 5157—16-inch box, \$17.50.

Clethra arborea

"Lily-of-the-Valley Tree." This beautiful little evergreen tree from Madeira, with long, shiny 4-inch leaves, is loaded in the late summer and early fall with magnificent particles 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. 15 to 20 ft. 20°.

5211—5-gal. tins, \$4.50.

Crinodendron dependens

"White Lily Tree." Formerly called *Tricuspidaria dependens*. This is a small flowering tree from the canyons of the Andes in Chile which looks at first glance like one of our California Live Oaks. But no oak tree ever produced the quantities of little, white, bell-shaped flowers which this tree displays in great drooping clusters during the spring and summer. Easily grown, likes plenty of water. A good tree for planting in a lawn—a location which many trees dislike. 25 ft. 15°.

5286—5-gal. tins, \$4.50.

Eucalyptus citriodora



Scarlet Flowering Eucalyptus

Eucalyptus citriodora

"Lemon-Scented Gum." 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, you will not have to wait long for a tall tree. The long slender leaves are pungently lemon-scented. This slender, graceful tree somehow fits well into most California gardens, and its white trunk and fragrant foliage make it a pleasant tree to live with. 40 to 80 ft. 20°.

5475—Gal. tins, \$1.25. 5476—5-gal. tins, \$4.00.

Eucalyptus ficifolia

"Scarlet-Flowering Eucalyptus." One of the most glorious sights in California is one of these trees in full bloom. Its great clusters of brilliant scarlet flowers are 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. The trees usually bloom in the late summer, but may occasionally be seen in flower at almost any time during the year. Many shades of red may be seen in these blooms, but we take considerable pains to select those which will produce the most brilliantly colored flowers. 20 to 25 ft. 18°.

6710—Gal. tins, \$1.50. 6711—5-gal. tins, \$4.50.

Eucalyptus camaldulensis

"Red Gum." A rapid grower with long, narrow leaves which endures much heat, severe frost and considerable drought. Much harder than the Blue Gum, it is widely planted for windbreak and shade in California and Arizona where a large tree is needed and plenty of space is available. 80 to 120 ft. 12°.

5470—Gal. tins, \$1.00.

5471—5-gal. tins, \$3.50.

5472—Flat, \$6.00.

Eucalyptus globulus

"Blue Gum." One of the fastest growing trees in the world. Much used for orchard windbreak and fuel. It thrives except in very cold sections or desert. The young growth has a beautiful blue color. Plant it only where you have lots of room and want a tree that really gets big. 150 ft. 17°.

5480—Gal. tins, \$1.00. 5482—Flat, \$6.00.

Eucalyptus globulus compacta

"Bushy Blue Gum." A variety of the Blue Gum which has no main trunk but is very bushy and densely branched, forming a symmetrical, round, compact head. 20 to 30 ft. 19°.

5485—Gal. tins, \$1.00.

5486—5-gal. tins, \$3.50.

Eucalyptus polyanthemos

"Redbox Gum." Medium sized, spreading tree, with round leaves, thriving anywhere in California or Arizona. It is resistant to extreme frosts, heat or drought. 40 to 75 ft. 15°.

5490—Gal. tins, \$1.00.

5491—5-gal. tins, \$3.50.

5492—Flat, \$6.00.

Eucalyptus sideroxylon rosea

"Pink Iron-Bark." A tall slender tree of moderate size, with masses of delicate pink flowers contrasted with silvery gray leaves. The blooms are borne singly all up and down the tree. Thrives almost anywhere in California or Arizona. 20 to 40 ft. 15°.

5495—Gal. tins, \$1.25.

5496—5-gal. tins, \$4.00.

Eucalyptus viminalis

"White Gum." Has a smooth white trunk from which the bark sheds in long ribbons and a wide-spreading picturesque crown with long, pendulous, narrow-leaved branchlets. Fast growing and hardy from the sea-coast to the desert. Give it plenty of room. 125 ft. 12°.

5500—Gal. tins, \$1.00.

5501—5-gal. tins, \$3.50.

5502—Flat, \$6.00.

Evergreen Trees

Ficus retusa

"Indian Laurel." 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. Can be trimmed readily and kept any desired height. The more it is trimmed the better it looks. Grows readily coast or inland. 20 ft. 25°.

6736—5-gal. tins, \$5.00.

Fraxinus uhdei

"Shamel Ash." Mr. A. D. Shamel of the U. S. Department 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, tall slender shape, and its clean, cool, trim appearance. The tree grows quite rapidly and you will not have to wait long for shade. It always maintains a slender upright growth, making it a highly desirable shade tree. 25 to 30 ft. 15°.

5626—5-gal. tins, \$4.00.

Grevillea robusta

"Silk Oak." A tall, slender tree, with fern-like leaves, covered in the early summer with comb-like yellow flowers 6 inches long. Drought and heat resistant. Ontario's famous Euclid Avenue has the outer parkway of its double drive planted over much of its length with these Grevilleas. California Pepper trees line the center parkway. 75 ft. 15°.

5686—5-gal. tins, \$3.50.

Harpullia arborea

Here is a rare and handsome tree from the South Sea Islands. The foliage is large, luxuriant, and a bright glossy green color. The tree has a dense round head of magnificent proportions. Although the flowers are inconspicuous, just in time for Christmas great brilliant red seedpods cover the trees. Hardy only in the coastal and milder foothill sections. 40 to 50 ft. 24°.

6741—5-gal. tins, \$5.00.

Brilliant Red Seedpods of Harpullia



Magnolia grandiflora

"Southern Magnolia." This tree has beautiful dark green, heavy, shining foliage. In addition to its magnificent foliage, in the summer and fall it produces spectacular, 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, so give it plenty of room to grow. A tree that brings the glory of the old Southern gardens into our California landscape. Should have considerable amount of water when young. 60 ft. 5°.

6061—5-gal. tins, \$4.50.

7016—Balled, 4 to 5 ft., \$12.50.

7017—Balled, 5 to 6 ft., \$15.00.

Magnolia grandiflora exoniensis

"Dwarf Southern Magnolia." In this dwarf variety of the Southern Magnolia you can get all the beauty of foliage and flower of that popular and beautiful tree but have it in a small, compact form that will not get too big for the average small home place. It has the same big polished leaves, the same big, pearly white, fragrant blooms and attractive red seed cones, but grows quite slowly, stays comparatively small, and blooms while very young. These are especially grafted plants which insure their being the true dwarf variety. We think it is one of the most beautiful and useful of small evergreen trees. 15 to 20 ft. 5°.

6066—5-gal. tins, \$6.00.

7021—Balled, 4 to 5 ft., \$15.00.

7022—Balled, 5 to 6 ft., \$17.50.

7023—Balled, 6 to 8 ft., \$20.00.



Flowers, Foliage and Seedpods of Southern Magnolia

Hymenosporum flavum

"Sweetshade." This slender, small tree has handsome evergreen foliage all the year, and in spring and early summer produces masses of long, tubular, creamy yellow blossoms. The flowers are many times the size and have many times the fragrance of orange blossoms—believe it or not. Hymenosporum makes a fine small parkway tree or can be used against a wall or building to make a tracery effect where dense shade is not desired. Grows anywhere except in desert sections. 25 ft. 20°.

5841—5-gal. tins, \$4.50.

Jacaranda acutifolia

One of the handsomest of flowering trees. It forms a round, symmetrical head of light green, fernlike foliage which in June becomes a mass of light violet-blue tubular flowers. These trees in full bloom are one of the Southern California sights which amazes the Eastern visitor. Does not make a dense shade, but fits well into landscape effects because of its picturesque habit of growth and the showy flowers. 30 ft. 22°.

5891—5-gal. tins, \$4.50. 6966—Balled, 8 to 10 ft., \$17.50.

6967—Balled, 10 to 12 ft., \$20.00.

Oncoba routledgei

The glossy, bright green foliage is handsome throughout the year and during May and June the tree carries loads of lovely 2-inch white blooms, each with a button-like, bright yellow center. The flowers are pleasantly fragrant. Slender and beautifully foliated, it is ideally suited to a place where a small tree is needed. It is new, rare, and unusual. 15 to 20 ft. 24°.

6221—5-gal. tins, \$4.50.

Parkinsonia aculeata

"Jerusalemthorn." This beautiful native of the Colorado desert thrives in dry soil almost anywhere in the Southwest. During the early summer it becomes a mass of small bright yellow flowers, affording a striking contrast to the smooth bright green bark of the trunk and leaflets. Makes a modest little tree, not too large. If you have a hot, dry, sunny spot where a restful bit of shade is needed and some lovely color in the spring, this will give it to you. 18°.

6236—5-gal. tins, \$4.00.

Quantity Discount

10 plants of one variety—10% off listed each price.

25 assorted plants—10% off listed each price.

50 assorted plants—15% off listed each price.

These rates apply on material in containers only. See page 34 for full details.

Quercus agrifolia

"California Live Oak." 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. The California Live Oak is one of the most highly recommended trees by street superintendents for parkway planting. 50 ft. 10°.

6436—5-gal. tins, \$5.00. 6437—16-inch box, \$17.50.

Schinus molle

"California Pepper." This unique and beautiful tree has become so identified with California that it now stands as almost a symbol of the Golden State. Grows anywhere with little care. Its foliage and red berries stay on through the winter, and these with 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.

6516—5-gal. tins, \$3.50. 6517—16-inch box, \$17.50.

Schinus terebinthifolia

"Brazil Pepper." A much smaller tree than the California Pepper, having larger, broader leaves and greater quantities of scarlet berries. The leaves and branchlets are not pendulous, and it makes a neat, symmetrical, round-headed tree. Does equally well under the hottest desert conditions or on the coast. For the small home place it is much more satisfactory than the California Pepper because it does not get so large, and is a cleaner, less brittle tree.

6521—5-gal. tins, \$3.50. 6522—16-inch box, \$17.50.

Ulmus parvifolia Evergreen

"Evergreen Elm." 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 tree planted in Southern California at the present time. In very cold sections it may drop its leaves for a short time in winter. Many inferior seedlings of *Ulmus parvifolia* are often sold as Evergreen Elms. 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. We could go on extolling the praises of this tree for a whole page, but it is sufficient to say that we think this is the most satisfactory small shade tree that can be grown anywhere in Southern California. 25 ft. 10°.

6625—Gal. tins, \$2.00. 6626—5-gal. tins, \$4.50.
6627—16-inch box, \$17.50.

The Graceful Queen Palm



Evergreen Elm
One of California's Most Popular Small Trees

Vitex lucens

"New Zealand Chaste-tree." During the entire year the graceful, spreading branches are clothed with smooth, shiny, dark green foliage. This handsome native of New Zealand is well worth growing for its magnificent foliage alone, but it will delight you in late summer when it clothes itself with countless, rosy, 1-inch flowers in panicles of from 4 to 15. The flowers are followed by an abundance of intensely interesting, little bright orange-red berries. It is a small, long-lived, hardwood tree which starts rather slowly. Suitable for milder areas not subject to extreme changes in temperature. If you want something different in a shade tree, you will treasure this unusual little tree. 30 ft. 20°.

6811—5-gal. tins, \$5.00.

Nothing improves the landscaping of a home as much as the careful selection and use of Evergreen shade trees and you can plant these evergreen trees any time during the year.

Palms & Bamboos

Arecastrum romanzoffianum

"Queen Palm." Southern California's favorite palm, often called *Cocos plumosa*. It has a tall, slender, smooth trunk, topped with a plumelike crown of feathery graceful fronds. Once established it needs very little water, and for parkways, patios, and lawn planting, the Queen Palm lends an informal, tropical appearance. 17°.

6891—Balled, 5 to 6 ft., \$7.50. 6892—Balled, 6 to 8 ft., \$10.00.
6893—Balled, 8 to 10 ft., \$15.00. 6894—Balled, 10 to 12 ft., \$17.50.
6895—Balled, 12 to 14 ft., \$20.00.

Phoenix canariensis

"Ornamental Date Palm." An immense crown of beautiful curving fronds, 15 feet long, dark green in color, rapid in growth. 10°.

6321—5-gal. tins, \$4.00.

Bamboo

Bamboo clumps grow easily in almost every location and their graceful stems make them indispensable for certain landscape effects.

Bambusa multiplex Fernleaf (distichum)

"Dwarf Hedge Bamboo." Dwarf, with fernlike leaves growing to about 8 ft. 15°.
4881—5-gal. tins, \$4.00.

Sinocalamus oldhami (Dendrocalamus latiflorus)

"Giant Bamboo." Quickly makes an enormous clump of huge canes when once established. 40 to 60 ft. 20°.

6546—5-gal. tins, \$4.00.

Phyllostachys aurea (bambusoides)

"Giant Timber Bamboo." Tall and fast growing. 20 to 40 ft. 5°.
6336—5-gal. tins, \$4.00.

Coniferous Evergreens

The Conifers or Cone-bearing Evergreens include both trees and shrubs, almost all of them with needles 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. Most of those that we list do equally well anywhere in the California valleys or coastal regions. Several are native to California. Conifers may be planted at any time during the year.

Sizes: The sizes given in the descriptions below are ultimate sizes and slow growing kinds may not attain them for many years.

Shipping Weights: The average weights of the plants listed below, 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 4 for shipping and delivery information.



The Famous Deodar Cedar

Deodar Cedar

Cedrus deodara (California Christmas Tree)

"Deodar Cedar." This handsome cedar from the Himalaya Mountains is well known as the famous outdoor Christmas Tree of California. The frosty, blue-green foliage, the graceful conical shape, and its remarkable adaptability to southwestern conditions, make it very popular in Southern California plantings. These trees grow very large and take plenty of room. 25 to 50 ft. 15°.

6925—Balled, 3 to 4 ft., \$6.00. 6926—4 to 5 ft., \$7.50.

Cypress

Cupressus forbesi

"Tecate Cypress." A little known native California cypress which has almost displaced the Monterey Cypress because it is not susceptible to attacks of fungus and borers. There are many strains of this variety but the Armstrong selected strain is the fastest growing and best shaped tree of any we have seen. The plants grow rapidly and we have observed trees 6 inches high at time of planting which had in 30 months made a solid hedge 11 to 13 feet high. The nice compact habit and beautiful silvery green foliage make it a good hedge or a nice specimen tree. For windbreak plant 6 to 8 feet apart. 15 to 20 ft. 10°.

5295—Gal. tins, 80c. 5296—5-gal. tins, \$2.75.
5297—Flats, \$6.00.

Cupressus arizonica

"Arizona Cypress." A beautiful bluish green Cypress of narrow pyramidal form which makes a splendid medium sized windbreak or an attractive specimen tree. It is good on the desert and better for the immediate coast than Tecate Cypress above. 20 to 40 ft. 10°.

5290—Gal. tins, 80c. 5291—5-gal. tins, \$2.75.
5292—Flats, \$6.00.

Cupressus sempervirens

"Italian Cypress." The tall slender green spires are invaluable as accent points in a well designed landscape planting. Some strains have a tendency to become broadly irregular as they age, but ours is the true narrow type which holds its slender compact shape permanently. 20 to 60 ft. 5°.

5300—Gal. tins, \$1.25. 5301—5-gal. tins, \$4.00.

Spreading Junipers are Ideal for Foreground Planting



Junipers

Juniperus chinensis Armstrong

"Armstrong Spreading Juniper." One of the finest dwarf evergreens is this hybrid juniper, which makes a dense mass of soft gray-green foliage about 2 feet high, becoming 4 feet across. It is splendid for the foreground of any planting, thriving equally well in sun or shade in any climate. 10° below zero.

5895—Gal. tins, \$1.25. 5896—5-gal. tins, \$4.00.
6970—Balled, 1 to 1½ ft., \$4.00. 6971—Balled, 1½ to 2 ft., \$5.00.
6972—Balled, 2 to 3 ft., \$6.00.

Juniperus chinensis Richeson

"Richeson Juniper." A beautiful little low-growing compact juniper which has rich blue, delightfully soft-textured foliage. It is semi-spreading, branching diagonally to a height of 4 to 5 feet, and becoming 5 or 6 feet across. While untried in many sections, it should grow well anywhere. 4 to 5 ft. 10°.

5900—Gal. tins, \$1.50. 5901—5-gal. tins, \$4.50.

Juniperus chinensis Twisted

A semi-dwarf plant with densely crowded, tufted, twisted branches which looks as if it had been trained artificially. For picturesque beauty it is without equal. Grows to 6 or 8 feet but may be kept lower. Sun or half shade. 6 to 8 ft. 5° below zero.

5906—5-gal. tins, \$4.50. 6980—Balled, 2 to 3 ft., \$6.00.
6981—Balled, 3 to 4 ft., \$7.50.

Juniperus communis hibernica fastigiata

"Narrow Irish Juniper." A very narrow and erect plant, similar to Italian Cypress but it stays much smaller and has an entirely different color—gray blue-green. A fine conifer for framing doorways or accenting columns where great height is not desired. Becomes about 1½ to 2 feet in diameter, but seldom exceeds 6 to 7 feet in height. Full sun or semi-shade. 6 to 8 ft. 5° below zero.

5911—5-gal. tins, \$4.50. 6985—Balled, 2 to 3 ft., \$6.00.
6986—Balled, 3 to 4 ft., \$7.50.

Juniperus sabina Tamarix

"Spreading Savin Juniper." 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. 0°.

5915—Gal. tins, \$1.25. 5916—5-gal. tins, \$4.00.
6990—Balled, 1 to 1½ ft., \$4.00. 6991—Balled, 1½ to 2 ft., \$5.00.
6992—Balled, 2 to 3 ft., \$6.00.



Dwarf Golden Arborvitae

Incense Cedar

Librocedrus decurrens

"Incense Cedar." A native of the California mountains and one of our finest evergreen trees. The Incense Cedar makes a tall, dense, compact pyramid. The thick green foliage is delightfully pungent with a clean "woody" fragrance. It grows into a magnificent stately long-lived tree anywhere in the Southwest. Always trim and perfectly shaped no matter what its age, the Incense Cedar is particularly fine for adding a formal note to any landscape planting. Will ultimately grow 25 to 50 feet tall. 5° below zero.

- 6001—5-gal. tins, \$4.00.
7001—Balled, 3 to 4 ft., \$5.00.
7002—Balled, 4 to 5 ft., \$7.50.
7003—Balled, 5 to 6 ft., \$10.00.

Pines

Pinus canariensis

"Canary Island Pine." One of the most beautiful permanent pines for California. Extremely long needles in large tufts. The new growth is silver, changing to soft gray-green. Tall and slender. 80 ft. 10°.

- 6341—5-gal. tins, \$3.50.

Pinus halepensis

"Aleppo Pine." A rapid growing pine suitable for quick effects, particularly in dry locations. Longer-lived than the Monterey Pine, but similar in appearance. 50 ft. 5°.

- 6346—5-gal. tins, \$3.50. 7056—Balled, 4 to 5 ft., \$4.50.
7057—Balled, 5 to 6 ft., \$6.00.
7058—Balled, 6 to 8 ft., \$7.50.

Pinus radiata

"Monterey Pine." A native of the California coast, very bushy when young with bright green foliage. It is the fastest grower of all pines. Ideal along the coast and it will grow readily inland, but is not so long-lived there. 60 ft. 8°.

- 6351—5-gal. tins, \$3.50.

Narrow Irish Juniper
A Beautiful Compact
Column



Arborvitae

Because of their dense foliage and regular symmetrical habit, the Arborvitae add a formal touch of permanent green to any garden.

Thuja orientalis Berckmann's

"Dwarf Evergolden Arborvitae." The most popular dwarf conifer for the Southwestern States. Compact and broadly conical in form, with bright golden foliage throughout most of the year. Grows easily anywhere except in the hottest desert sections. Full sun. 6 ft. 0°.

- 6610—Gal. tins, \$1.25. 7080—Balled, 1 to 1½ ft., \$4.00.
7081—Balled, 1½ to 2 ft., \$5.00.

Thuja orientalis Beverly Hills

"Golden Column Arborvitae." The tallest and stateliest of the Arborvitae, growing to a narrow column of golden green foliage. Fine for framing a doorway or for specimen planting. Full sun. 15 to 20 ft. 0°.

- 7086—Balled, 3 to 4 ft., \$6.00. 7087—Balled, 4 to 5 ft., \$7.50.

Thuja orientalis Pyramidal

"Green Pyramid Arborvitae." A tall, narrow column of bright green foliage. Fast growing and thriving anywhere in any climate. 10 to 12 ft. 5° below zero.

- 7096—Balled, 3 to 4 ft., \$6.00. 7097—Balled, 4 to 5 ft., \$7.50.

Thuja orientalis Yellow Column

"Golden Pyramid Arborvitae." Similar to "Golden Column Arborvitae," but not as tall with a broader, more bushy base. The green foliage is tipped golden bronze. 5° below zero.

- 7101—Balled, 3 to 4 ft., \$6.00. 7102—Balled, 4 to 5 ft., \$7.50.

Podocarpus gracilior

"Fern Pine." A South African forest tree which in California gardens makes a beautiful medium sized plant with soft, fine-cut green foliage, fern-like in appearance. Making a dark green tracery against stucco walls, it fits beautifully into California plantings. Sun or half shade. 15 ft. 15°.

- 6376—5-gal. tins, \$5.00.

Chamaecyparis lawsoniana Scarab

"Blue Lawson Cypress." A small slow growing formal tree which everyone admires for the beautiful, metallic, silvery-blue color of the dense foliage, and its attractive compact habit of growth. Grows anywhere except in desert regions. 6 to 12 ft. 10°.

- 6940—Balled 2 to 3 ft., \$4.50.

Giant Sequoia

Sequoia gigantea

"Giant Sequoia." 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? Grows anywhere in California except desert regions. 5° below zero.

- 6526—5-gal. tins, \$5.00. 7070—Balled, 2 to 3 ft., \$10.00.
7071—Balled, 3 to 4 ft., \$15.00.

Sequoia sempervirens

"Redwood." The State tree of California is the well known California Redwood. It is among the largest and most picturesque of trees. Growing rapidly into a beautiful specimen, it thrives readily anywhere on the Pacific coast except the desert. 150 ft. 5°.

- 6530—Gal. tins, \$1.25. 6531—5-gal. tins, \$4.00.

Irish Yew

Taxus baccata Irish

"Irish Yew." The famous Yew is incomparable for any use where a narrow, upright, perfect green column is desired. It is trim, sedate, formal, and has beautiful red berries. Very slow growing, it will stay small and compact for years. Will grow in either sun or shade, but does not like reflected heat. Plenty of moisture. 5° below zero.

- 7078—Balled, 3 to 4 ft., \$17.50.

Tecate Cypress Hedge—2½ Years Old





Arctotis acaulis Hybrid—"Everblooming Daisy"

Arctotis acaulis Hybrid

"Everblooming Daisy." This bushy 1 to 2-foot plant is at its best in the winter and early spring, frequently carrying at one time 40 to 50 magnificent 3-inch flowers in many brilliant shades (see color illustration above). Each plant is different in color, and we can't guarantee to furnish any exact shade. Almost ever-blooming. Plant in full sun. 15°.

4850—Gal. tins, \$1.00.

Aster Frikarti

"Wonder of Staefa." 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 1st to December 1st, without a break. Not only a splendid show in the garden, but excellent for cutting. Grows easily anywhere. Full sun or part shade. 20°.

4865—Gal. tins, \$1.25.

Bletilla hyacinthina

"Terrestrial Orchid." A delightful, easily grown outdoor orchid, with grassy foliage 1 to 2 feet high, bearing in the 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. 20°.

4915—Gal. tins, \$1.25.

Campanula poscharskyana—
"Serbian Bellflower"



Ceratostigma plumbaginoides

"Dwarf Blue Plumbago." The deep rich blue flowers of this dwarf spreading plant, seldom over 8 inches tall, are welcome anywhere in the garden. Blooms in summer and fall, when its color is especially appreciated. Semi-shade or sun. 15°.

5090—Gal. tins, 80c.

Dimorphotheca ecklonis

"Star of the Veldt." Large spreading plant, 4 feet high and more across, with large, pale blue, 3-inch flowers in late winter and spring. 30°.

5395—Gal. tins, 80c.

Felicia aethiopica Compact

You will be amazed at the brilliant display of blue and gold that this 12-inch, compact gem of a plant will provide all 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. 15°.

5540—Gal. tins, 80c.

Colorful Permanent

On these two pages you will find plants which will bloom in your garden year after year without special care. They are much easier to grow than annuals, which have to be replanted every year. Many of these perennials have evergreen tops, while some die down to the ground every winter and come up again in the spring. At our four salesyards you'll find many more varieties than those listed here, as well as a complete supply of annual flowering plants.

Quantity Discount: You get a special discount on 10 or more of one variety, or 25 assorted trees or plants in containers. See page 34.

Agapanthus africanus Blue

"Lily-of-the-Nile." 8-inch heads of sparkling blue flowers on 2-foot stems, rising from a clump of deep green straplike leaves. The flowers are spectacular and the foliage fits well in the perennial bed. 15°.

4830—Gal. tins, \$1.00.

Anemone japonica

"Windflower." Delicate, 2-inch, waxy blooms on tall 2-foot stems over large handsome foliage. Nothing finer for September and October bloom. Plant in shade or half-shade.

Crested Pink.

4840—Gal. tins, \$1.00.

Whirlwind. (White.)

4845—Gal. tins, \$1.00.

Campanula poscharskyana

"Serbian Bellflower." We know of nothing finer as a border along the edge of the lawn, in front of shrubs, or hanging down over rocks or banks. It makes a beautiful little clump of violet-like evergreen 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. Shade or semi-shade. 10°.

4990—Gal. tins, 80c.

Cannas

Handsome big foliage and large spectacular flowers from early summer until frost. Plant in full sun. 10°.

Root divisions sold from December to April. 50c each; \$4.50 per 10 of one kind. Growing plants available balance of year in gal. tins, 80c.

Candelabra. Ruffled, pink, salmon, and orange. 3½ ft. 4995.

City of Portland. Ruffled, pink with peach throat. 3½ ft. 4997.

Eureka. White with yellow center. 3 ft. 4999.

Favorite. Golden yellow, dotted with red. 5 ft. 5001.

Mrs. Pierre S. DuPont. Clear light pink. 3 ft. 5003.

President. Orange-scarlet. 5 ft. 5005.

Wyoming. Orange blooms, bronze leaves. 5 ft. 5007.

Gerbera jamesoni Hybrids

"Transvaal Daisies." Gerberas are lovely cut flowers. You will like our selected large-flowered, long-stemmed strain. The colors range from straw through pink, yellow, orange to brilliant scarlet and crimson. We sell mixed colors only. Full sun. 18°. Bare root plants, October to April only, available during balance of year in gal. tins.

5672—Bare root divisions, 3 for 70c;

12 for \$2.00; 100 for \$12.50.

5670—Gal. tins, \$1.00.

Geum Prince of Orange

A beautiful clump of big, strawberry-like foliage surmounted in the spring with 2-foot flower spikes, each spike a mass of 2-inch brilliant orange blooms. Sun. Plenty of moisture. 28°.

5675—Gal. tins, 80c.

Helianthus angustifolia

"Perennial Sunflower." Hundreds of brilliant dark-centered, golden yellow flowers, 3 inches across on a 6-foot plant. This is not the coarse sunflower of the Black-eyed Susan type. Full sun. 15°.

5755—Gal. tins, 80c.

Border Plants

Heliotrope

There is no more delightful fragrance than that of heliotrope. A delightful spot of color all through the summer and fall. Good for cutting, too. Semi-shade. 30°. We have two kinds: **Heliotrope Queen Margaret.** Royal purple.

3200—Gal. tins, \$1.00.

Heliotrope King of the Blacks. Rich violet.

3195—Gal. tins, \$1.00.

Herbs

Mentha spicata. Mint to you. For mint sauce, mint jelly, and mint juleps. 10°.

6125—Gal. tins, 80c.

Salvia officinalis. "Green Sage." The kitchen favorite. 10°.

6500—Gal. tins, 80c.

Salvia officinalis variegata. A variegated sage. 15°.

6505—Gal. tins, 80c.

Thymus vulgaris. "Green Thyme." The favorite old fragrant-foliaged kitchen herb. Pretty little clump with lavender-blue flowers. 10°.

6615—Gal. tins, 80c.

Marguerites

Popular, free-blooming, fast growing winter and spring-blooming plant with lots of showy daisy-like flowers. They grow 3 to 4 feet high. Plant in full sun. 30°. We have 2 varieties:

Single Yellow. 6110—Gal. tins, 80c.

Single White. 6105—Gal. tins, 80c.

Moraea iridioides

"Iris Moraea." Iris-like plant, with white flowers marked yellow and blue. Blooms from spring to late fall. Full sun. 15°.

6135—Gal. tins, \$1.00.

Penstemon heterophyllus

"Blue Gem." Dwarf. 12 inches. Bright blue flowers, exceedingly effective for a blue border in a sunny place. 15°.

6245—Gal. tins, 80c.

Penstemon Sensation

2 to 3 ft. Giant flower spikes, many colors, white to deep crimson, mostly rose-pink. Almost everblooming. Sun. 0°.

6250—Gal. tins, 80c.

Transvaal Daisies Make Excellent Cut Flowers



Hemerocallis

"Day Lilies." 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. They grow 2 to 4 feet tall, and are hardy to 10°.

All varieties below in gal. tins at \$1.00.

Calypso. Fragrant, 5 to 6-inch, yellow flowers. 5765.

Gypsy. Rich, deep gold-orange color, with deeper golden brown markings. 5770.

J. A. Crawford. Apricot-yellow. 5775.

Kwanso Floreplena. Double bronze. Very showy. 5780.

Mahogany Red. Rich deep bronzy-red. Very large flowers. 5785.



Shasta Daisy Esther Reed

Phlox

For great masses of brightly colored bloom in summer and fall, and for cut flowers too, there is nothing better than these easily grown Phlox. 0°. Root divisions are sold from December to April, and most kinds are sold the rest of the year in gal. tins.

Bare-root divisions, 50c each; 3 for \$1.30; 12 for \$4.75 of one variety. Gal. tins, 80c.

Beacon. Brilliant cherry-red. 6275.

Border Queen. Enormous heads, pink. 6277.

Europa. Pure white with red eye. 6279.

Leo Schlageter. Orange-scarlet. 6281.

Morgenrood. Rose-pink, scarlet eye. 6283.

Mrs. Ethel Pritchard. Clear mauve. 6285.

Salmon Glow. Pink-shaded salmon. 6289.

Reinwardtia indica

"Yellow Flax." Grows 2 to 4 feet, and makes a brilliant flashy spot of sunshiny yellow in the middle of the winter; 2-inch bell-shaped flowers in great quantities. Plant in sun or shade. 15°.

6450—Gal. tins, \$1.00.

Calla Lilies

Zantedeschia aethiopica. "White Calla Lily." The best and most free-blooming form of this favorite white flower. Splendid for a shady spot. 10°.

6665—Gal. tins, \$1.00.

Zantedeschia elliottiana. "Gold Calla Lily." The flowers are a rich golden yellow and the large leaves are flecked with silver. 10°.

6670—Gal. tins, \$1.00.

Zantedeschia aethiopica Baby White. Dainty, miniature white blooms. Plant becomes only 12 inches high. 10°.

6660—4-inch pots, 80c.

Zephyranthes grandiflora

"Pink Zephyr." "Flower of the West Wind." A delightful and surprising little perennial with grassy foliage, 6 to 8 inches high. All through the summer and fall lily-like rosy-pink blooms appear on 12-inch stems. Likes a moist shady or semi-shady spot. 15°.

6675—Gal. tins, \$1.00.

Shasta Daisy

The new kinds listed below are becoming tremendously popular because of their more attractive flowers. 15°.

Esther Reed. 2 ft. A symmetrical pure white, medium sized double Shasta Daisy, with a full, white, double center. Cut blooms of this variety bring a better price on the cut flower market.

6535—Gal. tins, \$1.00.

Marconi. Big, double, white chrysanthemum-like flowers on 2½-foot stems. Full sun.

6540—Gal. tins, \$1.00.

Statice perezii

"Sea Lavender." Tufts of broad, shiny leaves and immense heads of purplish blue flowers. Fine near coast. 10°.

6570—Gal. tins, 80c.

Stokesia Blue Moon

Immense, light blue, dislike flowers, 4 to 6 inches across, borne on stiff 12 to 18-inch stems. Full sun. 10°.

6580—Gal. tins, \$1.00.



Fast Growing Silver Maple

Acer saccharinum

"Silver Maple." Many people from the East rate the Maple trees among the finest deciduous shade trees that can be grown. However, most of the eastern varieties do not do well on the Pacific Coast. This Silver Maple grows readily anywhere on the Pacific Coast, and in a short time makes a beautiful shade tree. Grows rapidly anywhere on coast, inland, or desert and it will put on a grand display of those glorious autumn colors every fall. Likes plenty of water. 30 to 60 ft. 20° below zero. 2780—Bare root, 6 to 8 ft., \$2.75.

Picturesque Weeping Birch



Deciduous Shade and

They Grow Anywhere These trees, which lose their leaves in winter, grow easily anywhere, including the desert regions. They give cool shade in summer but let the sunshine through in winter. Most of them grow quite rapidly. In addition to the sizes listed here we often have larger specimens of some kinds. See them at our display yards or write for sizes and prices.

When to Plant: As indicated on the calendar, most deciduous shade trees are available in the bare-root form only during the winter months. Some kinds are available in tins during the summer.

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

Shipping Costs and Weights: On orders consisting entirely of bare-root material we pay the shipping charges to any point in the States. Plants in tins carry a 10% packing charge and are shipped by express or freight with transportation charges collect. For truck delivery information and other shipping data, see page 4. 5-gal. tins weigh approximately 50 lbs.; gal. tins, 10 lbs., packed for shipment.

Quantity Discount: You get a special discount on 10 or more trees of one variety, or 25 or more assorted trees and plants. See page 34.

Betula alba

"European White Birch." 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, but also makes a beautiful little lawn tree. A group of three Birch trees planted at a corner of your lawn fits beautifully into the landscape picture. They grow just high enough to be a perfect foreground for the average California home. 30 ft. 20° below zero.

2785—Bare root, 5 to 6 ft., \$2.75.
6817—5-gal. tins, \$4.00.

Betula pendula laciniata

"Cutleaf Weeping Birch." This beautiful Weeping Birch is picturesque with its straight snowy white trunk from which the bark peels, its deeply cut leaves, and its slender pendulous branches. Just like the White Birch described above, these birches planted singly or in clumps, create a pleasing landscape effect at any season of the year. 20 ft. 20° below zero.

2790—Bare root, 5 to 6 ft., \$4.00.
6819—5-gal. tins, \$5.00.

Celtis occidentalis

"Hackberry." A fine shade tree for the hot, dry southwestern country forming a large head of light green foliage. It is not affected by any insects or diseases, and grows in any soil and under all conditions. We recommend it highly for Imperial Valley, Arizona, Nevada, and all desert areas. 60 to 80 ft. 10° below zero.

2795—Bare root, 4 to 6 ft., \$2.50.

Cotinus coggygia

"Smoke Tree." A handsome, small tree with good looking summer foliage, surmounted from July to October with many loose feathery panicles of minute purplish gray flowers. It gives the effect of a dense cloud of richly colored smoke. The leaves turn vivid golds and yellows in fall. Grows easily anywhere. Full sun. 12 to 15 ft. 0°.

2575—Bare root, 2-yr., \$2.75.

Cotinus coggygia Purple

This rare little tree or large shrub has the most vividly colored foliage imaginable—a striking purple. During the summer and early fall the tree is crowded with flower panicles of a deeper, richer purple than those of the common Smoke Tree described above. Grow it anywhere in full sun. 5°.

5261—5-gal. tins, \$6.00.



Spectacular Smoke Tree, Cotinus coggygia

Flowering Cherries

Flowering Cherries have an exquisite loveliness all their own. Every California garden should have at least one to welcome spring. The trees are easily grown and require little care, except plenty of water. In the warmer inland valleys they should be planted where they will have shade for at least a portion of the day. We have two kinds.

Price: 1-yr. trees, 3/8-inch caliper and up. \$3.50.

Kwanzan. Deep pink flowers, red buds, rich bronze foliage. 2887.

Mt. Fuji. Buds light pink, opening to very large, fully double flowers of snowy white. 2888.

Flowering Trees

Fraxinus velutina

"Arizona Ash." One of the very finest trees for planting in the arid desert regions of the Southwest, because it requires very little water and thrives in alkaline soil. It is just as suitable for coastal areas, too. A fine medium sized tree, with bright green foliage. Growing with great rapidity, in a few short years it makes a handsome shade tree. 30 ft. 0°.

2800—Bare root, 4 to 6 ft., \$2.50.

2801—Bare root, 6 to 8 ft., \$3.00.

Fraxinus velutina coriacea

"Montebello Ash." Our finest Ash for all sections, coast, valley, and desert. It has bigger darker green foliage, a more dense, compact head, and is not attacked by that enemy of the Ash, red spider. There are no bothersome seedpods to clean up and it is 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 tried other improved types of the Ash which have been discontinued in favor of this. 25 to 30 ft. 5°.

2805—Bare root, 4 to 6 ft., \$3.00.

2806—Bare root, 6 to 8 ft., \$3.50.

Flowering Crab Apples

Just one Flowering Crab in a garden will provide a delicate spot of color so delightful and picturesque that its blooming period every spring will be one of the most important garden events of the year. Crab Apples grow quickly into a small symmetrical tree; just the right size to fit into a home garden. They are hardy even below zero.

Price on all varieties below: 1-yr. trees, 3/8-inch caliper and up, \$2.50 each; 5-gal. tins, \$3.50 each.

Malus arnoldiana. "Arnold Crab." Dwarf and bushy, with very large rose-colored flowers, turning white as they age. 8 to 10 ft. 0°.

2815—Bare root. 6835—5-gal. tins.

Malus purpurea Ely. "Ely Crab." Beautiful, single, deep pink flowers. The leaves come out purplish red, turning to a delightful bronzy green, then turning red again in the fall. Exquisite in both flower and foliage. 8 to 12 ft. 0°.

2825—Bare root.

Malus ioensis Bechtel. "Bechtel's Double Rose-Flowering Crab." Just after the foliage appears, in early spring, the small rounded, bushy tree is covered with large, beautiful, fully double flowers. They look like roses in a soft delicate pink color, and are deliciously violet-scented. Exceedingly free-flowering. One of the finest of all Flowering Crabs. 8 to 12 ft. 0°.

2820—Bare root. 6837—5-gal. tins.

Flowering Peaches

For spring color nothing excels the Flowering Peaches, which grow with the greatest of 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. You can cut great armfuls of magnificently colored flower sprays from them every spring. Hardy to 0°.

Price on all varieties: 1-year, caliper 3/8-inch and up, \$2.00 each.

Early Rose-Pink. The earliest of all. 2050.

Early Red. A magnificent ruby-red. 2060.

Pure White. Immense snow-white blooms. 2065.

Peppermint. Striped pink, red, and white. Very showy and spectacular. 2055.

Liquidambar styraciflua

"Sweet Gum." This is one tree which provides just as much color in the fall in California as it does in the East. If you want to bring those gorgeous red and bronze autumn colors into your garden in November and December, this tree with its big maple-like leaves will do it for you. The tree grows into a slender attractive pyramid, splendid for a small parkway tree and fine for the small garden. Thrives anywhere from the ocean front to the desert valleys. One of the finest of all deciduous shade trees. 30 ft. 0°.

6031—5-gal. tins, \$4.00.

Pay Us a Visit

We'd like to meet you and we know a personal chat with one of our salesmen can help you immensely with any planting problem. There are Armstrong salesyards in Ontario, North Hollywood, Culver City, and Long Beach for your convenience.



Flowering Peaches Furnish Great Quantities of Colorful Sprays

Crepe Myrtles

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, crepelike flowers are produced in great profusion. The large kinds become almost treelike, and they make fine ornamental shrubs or small trees in the home garden. Plant them in a corner by wall or fence, and with very little care they will reward you all summer long with a profusion of bloom. Hardy to 12°.

Pink Crepe Myrtle. Lovely pastel pink. 10 to 20 ft.

5950—Gal. tins, \$1.75. 5951—5-gal. tins, \$5.00.

Red Crepe Myrtle. Rich watermelon-red. 10 to 15 ft.

5956—5-gal. tins, \$5.00.

White Crepe Myrtle. Big, snowy white blossoms. Rarely seen because it is difficult to propagate. Ours are grafted plants.

5961—5-gal. tins, \$5.00.

Dwarf Blue Crepe Myrtle. A beautiful dwarf lavender-blue. 8 to 10 ft.

5940—Gal. tins, \$1.75. 5941—5-gal. tins, \$5.00.

Bechtel's Double Rose-Flowering Crab



Deciduous Shade Trees

The trees listed below and those on the preceding two pages are available bare root during January, February, and March. Some kinds, as indicated in the descriptions, are available in 5-gallon tins during the summer. It is best to order in the dormant season, stocks are more complete and bare root trees are less expensive.



Salix Babylonica, "Weeping Willow"

Liriodendron tulipifera

"Tulip Tree." A favorite because the tall, well-formed pyramidal trees are deep rooted and well furnished with big, uniquely notched, 5-inch leaves. In the spring tulip-like flowers of yellowish orange shine out against the clear light bluish green foliage. The big leaves assume an attractive autumn color, a vivid shimmering yellow, in early fall. Insects and decay never bother it. 75 ft. 20°.

2810—Bare root, 4 to 6 ft., \$3.50.
6036—5-gal. tins, \$4.50.

Melia azedarach umbraculiformis

"Texas Umbrella." 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 fernlike leaves. In summer it hangs full of large panicles of lavender flowers. 30 ft. 0°.

2830—Bare root, 4 to 6 ft., \$3.00.
2831—Bare root, 6 to 8 ft., \$4.00.

Morus nigra

"Persian Mulberry." If you are planting a mulberry primarily for the fruit, then this is the variety you want. The Persian Mulberry has the finest and largest fruit of all, 2 inches long, juicy and aromatic. It produces so much fruit that cleaning away the berries which fall is sometimes a problem but the fruit is splendid for juice or preserves. The tree is smaller than the other mulberries but has big, luxuriant, bright green leaves. Because of its size it fits well into the small garden, and it bears enormous quantities of very useful fruit. 10 to 15 ft. 20° below zero.

2845—Bare root, 2 to 3 ft., \$2.50.

Morus rubra

"Hicks' Mulberry." A strong, upright, fast growing tree with dense foliage, thriving anywhere. The tree furnishes excellent shade in a short time and bears good sized delicious black berries. This mulberry makes a splendid shade tree for chicken runs—a tree for bird lovers, whether the birds be White Leghorns or robins. You will find the children like the fruit, too. 40 ft. 20° below zero.

2850—Bare root, 6 to 8 ft., \$3.00.
2851—Bare root, 8 to 10 ft., \$3.50.

Morus Kingan Fruitless

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. This variety is absolutely fruitless. Only the Chinese Elm can compete with it for vigor and all-around desirability in hot climates. 30 ft. 5° below zero.

2840—Bare root, 6 to 8 ft., \$3.00. 2841—8 to 10 ft., \$3.50.
6843—5-gal. tins, \$4.00.

Morus alba pendula

"Weeping Mulberry." From a height of 8 feet the branches of this beautiful little weeping tree curve gracefully right down to the ground, it forms a dense umbrella-shaped head which may be left to grow naturally as a beautiful lawn specimen. The branches may also be trained out horizontally over a framework to make a pergola roof of living green. It is a fine tree to use over driveways, outdoor living rooms, or any place where you need a canopy of cool summer shade. Grows anywhere with ease. 8 ft. 5° below zero.

2835—Bare root, 6 to 8 ft., \$3.50.

Chinese Elm



Platanus acerifolia

"European Sycamore." "London Plane." Its rapid growth, large, bright green, maple-like foliage, and its uniform and symmetrical shape, make this one of the finest deciduous shade and street trees in existence. You may prune it to be more spreading if a larger shaded area is desired. An all-purpose tree for summer shade, grows anywhere. 60 ft. 0°.

2861—Bare root, 6 to 8 ft., \$2.75.
2862—Bare root, 8 to 10 ft., \$3.50.
6845—5-gal. tins, \$3.50.

Platanus racemosa

"California Sycamore." The picturesque green foliage and irregular mottled white trunk make this one of California's most beautiful and popular native shade trees. It makes a particularly fine tree for lawn specimens because it is indifferent to soil or moisture. In addition to the regular bare root trees we also have some 2-year "clumps" which branch at the ground. These are much more picturesque for certain settings. 60 ft. 0°.

2871—Bare root, 6 to 8 ft., \$2.75.
2872—Bare root, 8 to 10 ft., \$3.50.
6847—5-gal. tins, \$3.50.
2865—Clumps, 2-yr., \$5.00.

Platanus wrightii

"Arizona Sycamore." More upright in habit than the California Sycamore, with smaller, narrower leaves, more deeply cut. Grows quite rapidly into a uniform symmetrical tree and is more resistant to blight than any other Sycamore. 50 to 60 ft. 0°.

2873—Bare root, 6 to 8 ft., \$3.00.
2874—Bare root, 8 to 10 ft., \$4.00.

Populus nigra italica

"Lombardy Poplar." The tall, slender, narrow poplar so valuable for lining driveways, for tall border planting, or for accentuating certain types of architecture. Grows very rapidly and is totally indifferent to soil conditions, moisture, heat or cold. 50 to 75 ft. 20° below zero.

2880—Bare root, 4 to 6 ft., \$2.50.

Salix babylonica

"Weeping Willow." The picturesque well-known tree that has been popular the world over since it was a conspicuous feature of the famous Gardens of Babylon. That's where it gets its name. Large and spreading, the graceful, long, pendulous branches hang to the ground. Thrives in dry or wet soils and grows rapidly anywhere with ease. 40 ft. 0°.

2890—Bare root, 6 to 8 ft., \$2.75.
2891—Bare root, 8 to 10 ft., \$3.50.

Ulmus parvifolia

"Chinese Elm." No tree in our list will exceed this one for rapid growth and it is being widely planted where quick shade is wanted. It is particularly adapted to the dry interior sections because it does well in any climate and is indifferent to extremes of heat, cold, drought and alkali. It is one tree which can be planted anywhere and which will be certain to succeed. A good looking tree, too, with fine compact foliage and symmetrical head. It gives plenty of shade in a very short time. 40 to 60 ft. 0°.

2895—Bare root, 6 to 8 ft., \$2.50
2896—Bare root, 8 to 10 ft., \$3.00.
2897—Bare root, 10 to 12 ft., \$4.00
2898—Bare root, 12 to 14 ft., \$5.00
6860—5-gal. tin, \$3.50.

Deciduous Shrubs



Apple Blossom Flowering Quince

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 everyone thinks is perfect. In California they bloom right in the middle of winter. You can cut twigs in the bud and they will open up slowly and beautifully in the house. A plant in the garden, of course, is a magnificent sight. The plants have handsome glossy foliage throughout the summer. Plant in full sun. Hardy down to 0°. All varieties listed below, bare root, 2-year plants, \$2.50 each. 5-gal. tins, \$3.50 each.

Chaenomeles Apple Blossom

Bring "Apple Blossom Time" into your garden and your home with the 1¾-inch rose-pink blossoms of our favorite Quince. In very early spring each twig is full of deep pink buds which suddenly burst into beautiful big blooms of dainty apple-blossom-pink and cream. See illustration above. 6 ft. 0°.

2550—Bare root. 6823—5-gal. tin.

Chaenomeles Rosea Grandiflora

"Rose Flowering Quince." The earliest deciduous shrub to flower. In California you can have their brilliant rosy-red flowers in January. In colder climates they bloom a little later. 6 ft. 0°.

2565—Bare root. 6827—5-gal. tin.

Chaenomeles Rubra Grandiflora

"Red Flowering Quince." The irregular bush is a glorious sight in midwinter when covered with bright pink buds and immense blood-red flowers. 6 ft. 0°.

2570—Bare root. 6829—5-gal. tin.

Fragrant Flowers of Philadelphus Belle Etoile



They Grow Anywhere You can enjoy the hardy spring flowering shrubs listed on these two pages no matter where you live because very few of them are particular as to climate. They produce almost immediately after planting, thousands of gay spring and summer flowers which make colorful cut sprays.

When to Plant: Those deciduous shrubs on these two pages which are sold with bare roots are available for planting from January 1st to April 15th only. Those listed in tins or as balled plants are available for planting at any time during the year.

Shipping Weights: Orders consisting entirely of bare root material are shipped anywhere in the States at our expense. Gal. tins weigh approximately 10 lbs., 5-gal. tins about 50 lbs., and balled plants average 75 lbs., packed for shipment. For information regarding shipping plants in tins or balls by express or freight, and for truck delivery information, see page 4.

Chilopsis linearis

"Desert Willow." 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 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. 10 to 15 ft. 5°.

5130—Gal. tins, \$1.50.

Chimonanthus praecox

"Wintersweet." It bursts into cheery bloom in midwinter when flowers are scarce. The waxy, 1-inch, light yellow flowers resemble miniature starlike magnolia blooms, and they scent the air with a sweet delicate perfume like jonquils and violets. Charming in the garden or as cut sprays for the house. All summer and fall the compact plant is clothed with lustrous bright green foliage. Grows anywhere. Sun or part shade. 6 ft. 10°.

5135—Gal. tins, \$1.50.

Hibiscus syriacus Coelestis

"Rose-of-Sharon." (Shrub-Althea.) This hardy hibiscus makes a large shrub with big 3-inch blooms of rich blue—one of the finest shades of blue to be found in flowers. Rose-of-Sharon is a familiar sight in the Southern and Eastern States but does just as well anywhere else, including California. Sun. 8-10 ft. 0°.

5800—Gal. tins, \$1.50.



Prunus Tomentosa
(Manchu Cherry)
A Dwarf Fruiting
Ornamental Cherry

Hydrangea quercifolia

"Oakleaf Hydrangea." A beautiful and striking shrub with its large 8-inch leaves, three-lobed like an oak leaf, and the great 12 to 14-inch heads of big, white flowers which appear in early summer. The leaves are so big and lush looking that they give a tropical appearance to the plant even though they will stand many degrees of frost. The first time that you see these enormous flower heads, you'll be amazed at their size and beauty. Must have shade and a reasonable amount of moisture. 6 ft. 5°.

5831—5-gal. tins, \$5.00.

Kolkwitzia amabilis

"Beautybush." A fine hardy flowering shrub from Central China. In the spring it forms a beautifully foliaged bush. Fountain-like in habit, every branch becomes a plume of lovely bell-shaped pink blossoms. Extremes of heat, cold and wind do not bother it, and it will thrive almost anywhere in sun or shade. It certainly provides a lot of spring beauty for what little attention it requires. 6 to 8 ft. 0°.

5935—Gal. tins, \$1.00.

5936—5-gal. tins, \$3.50.

Early Spring Color

In California where evergreen ornamentals grow so readily we sometimes forget about the beauty of these deciduous spring flowering shrubs. They do make highly satisfactory garden plants and they fit well into California landscapes. Most of them grow anywhere with ease, and give a wealth of winter and spring color with little care.

Deciduous Flowering Shrubs

Armstrong Deciduous Magnolias

In gardens all over the world deciduous Magnolias are admired for their beautiful burst of spring bloom which appears before the leaves. The mass of gorgeous fragrant flowers is one of the most welcome heralds of spring.

Magnolia stellata

"Star Magnolia." A charming dwarf Magnolia, first to bloom in the spring. The delightful 3-inch blooms have 12 to 18 narrow, snowy petals which look as if they had been cut from white suede. Blooms profusely when very young. See color illustration at right. 5-8 ft. 10°.

6086—5-gal. tins, \$10.00.

Magnolia stellata Pink

A rare Magnolia with all the fine characteristics of *Magnolia stellata* except that the flowers are a rosy pink, fading to lighter and more delicate shades as they age. A little slower growing than *Magnolia stellata* but blooms profusely while young. 8-12 ft. 10°.

6091—5-gal. tins, \$10.00.

Magnolia liliflora

"Purple Lily Magnolia." 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 is just the right size for the average garden, and it blooms in great profusion. The plants are covered for almost three months in March, April and May with the beautiful flowers. They become 5½ inches across when fully open, rich reddish purple on the outside and creamy white inside. The color illustration at left only hints at the spectacular beauty of the flower. 8-10 ft. 10°.

7025—Balled, 2-3 ft., \$12.50. 7026—Balled, 3-4 ft., \$15.00.
6071—5-gal. tins, \$7.50.

Magnolia soulangeana White

"Giant White Saucer Magnolia." A magnificent big bloom, often 7 to 8 inches across, pure white inside, tinted lightly with pinkish lavender on the outside of the petals. The huge cup-shaped flowers with their heavy waxy petals cover the entire plant, making it exceedingly spectacular when in full bloom. The robust plant makes a fine large shrub producing every spring quantities of magnificent flowers. The color illustration below will give you some indication of the beauty of the individual blooms. 8-10 ft. 10°.

7035—Balled, 2-3 ft., \$12.50.

6081—5-gal. tins, \$7.50.

Magnolia soulangeana Purple

"Purple Saucer Magnolia." Much like the White Saucer Magnolia described at right, except the big blooms are lilac-purple on the outside and a pastel mauve on the inside. Both the inside of the petals and the outside are more deeply colored. A robust grower, many-branched, bearing enormous quantities of its large blooms every spring. It is not unusual to see several hundred blooms in various stages of opening on a mature plant. One or two deciduous Magnolias planted in your garden will make it the envy of everyone. 8-10 ft. 10°.

6076—5-gal. tins, \$7.50.

White Saucer Magnolia



Star Magnolia

Philadelphus lemoinei Belle Etoile

"Purple Spot Philadelphus." One of the most beautiful late spring flowering shrubs for California and nearly every other section of the country. It is a shrub that will grow 5 or 6 feet high and fit easily into almost any garden. The little purple spot at the base of each snowy-white petal adds a distinctive note to the 1½-inch, white, saucer-shaped flowers. The flowers have a powerful and an exceedingly enchanting fruity scent. In May and June the arching stems are loaded with blooms to enjoy in the garden or to cut for indoors. It is one of those shrubs which is certain to be satisfactory in every location. *Philadelphus* are sometimes incorrectly called *Syringas*. See illustration of Belle Etoile on page 73. 6 ft. 0°.

6260—Gal. tins, \$1.00. 6261—5-gal. tins, \$3.50.

Philadelphus virginialis

"Virginal Mock Orange." A greatly improved form of *Philadelphus* with enormous snowy white flowers. The 3-inch flowers are so surpassingly fragrant that they perfume the air for many feet around the plant. It is one of the most delightful spring flowering shrubs, its great show of blooms every spring being an outstanding garden event. The cut sprays make wonderful indoor decorations that are fragrant and long-lasting. Grows easily anywhere in sun or part shade, requires only moderate moisture. Blooms from May to June 6-8 ft. 0°.

6270—Gal. tins, \$1.00. 6271—5-gal. tins, \$3.50.

Prunus tomentosa

"Manchu Cherry." This shrub to us typifies the virtues possessed by its homeland, ancient China. Here is why we think so: (1) Fruitful: The delicious little red cherries crowd each other all up and down the many branches. (2) Beautiful: In the spring many white blooms lie tight against twigs amply provided with large, interestingly textured green foliage, and in June the crimson fruit shines out like rubies. (3) Stands adversities: Wind, cold, heat, lack of rich soil won't keep it from fruiting. You'll enjoy the fruit fresh picked from the bush, in cherry pies or preserves.

This Armstrong strain was selected as best of three superior types which were selected from thousands of seedlings by the U. S. Department of Agriculture. The only bush cherry which has been successful in Southern California. It seems to grow and bear well everywhere from the coast to the hottest desert. Since our plants are cutting grown, they will all be uniformly good. 5 ft. 0°.

6396—5-gal. tins, \$4.00.

Eastern Lilacs

The old-fashioned Lilac with its sweet-scented, delicately colored flowers does well in the colder winter climates of California, but does not bear as freely in the lower coastal valleys. Armstrong Lilacs are cutting grown and do not sucker from the roots.

Syringa Mme. Lemoine. Double white flowers in big snowy spikes. 20° below zero.

6853—5-gal. tins, \$4.00.

Syringa vulgaris coerulea. The true old-fashioned purple Lilac. Single, sweetly fragrant, delicate purple flowers. 20° below zero.

2630—Bare root, 2-3 ft., \$2.50.

Syringa vulgaris alba. Many snowy white spikes cover the plant in spring. 20° below zero.

6857—5-gal. tins, \$4.00.

Viburnum carlesii

"Koreanspice Viburnum." Often rated as one of the ten favorite shrubs because of its delicate coral-pink blooms borne in 2 to 3-inch heads. They become pearly white as they open and possess a most intense, delightfully refreshing perfume. The dwarf bushy plants are without their attractive foliage for only a few fleeting weeks in winter. Hardy anywhere. See illustration, upper right. 5 ft. 0°.

6635—Gal. tins, \$1.25. 6636—5-gal. tins, \$4.00.

Flowers of Vitex—Blue Chaste Tree



Spirea (Bridal Wreath)

Spirea vanhouttei. "Bridal Wreath." This charming shrub has graceful arching branches loaded with tightly packed snow-white flowers in the spring. Full sun. 6 ft. Below 0°.

2605—Bare root, \$2.00.

6851—5-gal. tins, \$3.00.

Spirea cantoniensis Double. "Double Bridal Wreath." Like the above but lower growing with double white flowers borne in profusion. Sun. 5 ft. 0°.

2600—Bare root, \$2.00.

6849—5-gal. tins, \$3.00.

Spirea bumalda Anthony Waterer. "Dwarf Red Spirea." Makes a compact little clump entirely covered with light rosy red flower heads in the spring. A very useful foreground shrub because it stays small, never getting out of hand. Plant in sun or part shade. 2 ft. Below 0°.

6565—Gal. tins, \$1.00.

Syringa persica laciniata

"Feathered Persian Lilac." The finest Lilac for Southern California because it likes dry summers and warm winters, and always produces innumerable panicles of bright lavender flowers over the entire plant in early spring. Grows anywhere. 6 ft. 0°.

6855—Gal. tins, \$1.00. 6856—5-gal. tins, \$3.50.

Tamarix parviflora

"Feathery Pink Tamarix." A large shrub with reddish bark, needle-like foliage, and slender spreading branches covered in spring and early summer with feathery, pink flowers. Fine for the desert but just as good along the coast. 15 ft. 0°.

2635—Bare root, 3-4 ft., \$2.50.

Viburnum opulus Snowball

"Old-Fashioned Snowball." This was a favorite old shrub in grandmother's garden. It grows into a large shrub with a rather open graceful habit producing an abundance of white globular flower clusters in May and June. Grow it anywhere in any kind of soil under all climatic conditions and it will become one of your favorites, too. 8-10 ft. Below 0°.

2640—Bare root, 2-3 ft., \$2.50.

The Finest Lilac for Southern California is the Feathered Persian



Vitex agnuscastus latifolia

"Blue Chaste Tree." It's lovely in June with 8-inch spikes of bright lavender-blue flowers arching gracefully from the attractive foliage. If you cut the old bloom spikes off you'll get another crop in August. Grows easily anywhere in a sunny place. Prune back severely every winter. See illustration at left. 8 ft. 10°.

2645—Bare root, 3-4 ft., \$2.50. 6862—5-gal. tins, \$3.50.

Weigela florida

"Old-Fashioned Pink Weigela." The graceful, arching branches are literally loaded in late spring and early summer with big clusters of trumpet-shaped, cheerful rose-pink flowers. Full sun or light shade. 5 ft. 0°.

6866—5-gal. tins, \$3.50.

Weigela Ideal

"Dark Pink Weigela." Like the above but with larger, more showy flowers of a deeper richer shade of pink. 0°.

6870—Gal. tins, \$1.00. 6871—5-gal. tins, \$3.50.

Armstrong Deciduous Fruits

Armstrong Quality For over 58 years our primary objective has been to grow and send out the finest fruit trees that can be planted. No matter what variety of fruit tree you may select from this list, you may be sure that the greatest care possible has been used in the selection of seed and parent stock. Our carefully supervised growing makes these the best trees you can buy at any price.

Shipping Costs We prepay the transportation charges on all orders consisting entirely of bare-rooted material when shipped to any point in the States by mail, express or freight. For truck delivery information in Southern California, see page 4.

When to Plant Deciduous fruit trees may be safely transplanted without soil on the roots during their dormant period in January, February and March. They can be handled in this manner only during those three months and are not available at any other time of the year.

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

Planting Distances

Variety	Feet Apart	Variety	Feet Apart
Apricots, Peaches,		Jujubes	12 to 16
Plums	20 to 25	Low-Pruned Figs	12 to 16
Apples, Figs, Pears	20 to 35	Walnuts and Pecans	40 to 60



Valmore—A Fine Red Apple for Southern California

Planting Instructions

Deciduous fruit trees should be severely pruned before planting. They grow much more rapidly and there is less danger of loss if this is done. On small orders we prune trees for you, unless requested otherwise. Complete planting instructions are sent with each order and should be read before you unpack your trees. These planting instructions will insure greater planting success if carefully followed.

Armstrong Apples

The apple varieties described below will do quite well in lower altitudes of Southern California, with the exception of Jonathan and Winesap. These two varieties are more adapted to areas where the winters are colder and of longer duration. Larger crops will result with most apple varieties if another kind is planted nearby for cross-pollination. All apples are 1-year trees, caliper 3/8 inch and up.

Beverly Hills

An apple that is very well adapted to our Southern California climate or other mild-wintered sections. It should be, it was originated in West Los Angeles, by Dr. W. H. Chandler of the University of California at Los Angeles. The medium sized fruit is beautifully striped red and yellow and it has an excellent flavor. The variety has not been tried out in other sections of California but we highly recommend it for trial because apples which will consistently bear good crops of fruit in Southern California are scarce. Ripens in August.

1725—\$2.00 each, \$17.50 per 10.

Valmore For Southern California

Valmore ranks right along with Winter Banana and White Pearmain for its consistent bearing in this area. The big round fruits are magnificently colored—bright red with one cheek often striped and blotched with scarlet and yellow. It is deliciously flavored, sweet and juicy, fine for eating, and marvelous for apple sauce or apple pie. Since there are few red-cheeked apples that we can recommend for the lower altitudes of Southern California, we suggest including Valmore in every home planting. Plant Pat. No. 238. Ripens July.

1755—\$2.00 each, \$17.50 per 10.



Yellow Delicious

Delicious Famous Everywhere for Quality

A leading commercial variety of beautiful appearance and delightful flavor. The large, conical, brilliant red fruits are lightly splashed with yellow and the flesh is fine-grained, crisp and juicy. This is one of the country's most famous apples. November.

1730—\$1.75 each, \$16.00 per 10.

Jonathan

Brilliant red striped with carmine, almost round, with delicious crisp white flesh. Only to be grown in good apple sections. October.

1735—\$1.75 each, \$16.00 per 10.

Red Gravenstein Ripens Early

The famous commercial summer apple of California. Fruits are large, round, and beautifully striped with red; flesh crisp, juicy, and delicious. The earliest ripening commercial apple. August.

1740—\$1.75 each, \$16.00 per 10.

Yellow Delicious Best for Flavor

When you bite through the golden yellow skin deep into the crisp sweet flesh you quickly discover that this is tops in flavor. Much juicier than the average Red Delicious Apple, it is sweet and full of apple tang. Yellow Delicious starts to bear young and can be relied upon to produce heavy crops everywhere. September.

1780—\$1.75 each, \$16.00 per 10.

Apples

Rhode Island Greening *Best for Pie or Sauce*

The favorite green apple everywhere. Large, round, yellowish green with juicy mellow flesh. For apple sauce and apple pie it is unexcelled. October.

1745—\$1.75 each, \$16.00 per 10.

Winesap

A late apple of splendid quality. The round medium sized fruit is fully colored, a rich deep red. Suitable only for the good apple sections. December.

1760—\$1.75 each, \$16.00 per 10.

Winter Banana

Large, clear, wax-yellow apples with a delicate pink blush. The flesh is mellow and the flavor is even more than what the enticing aroma promises it will be. Dependable in all districts, with a crop every year. August.

1765—\$1.75 each, \$16.00 per 10.

White Pearmain

A well known, medium to large, oblong, greenish yellow apple, juicy and mildly flavored. One of the best apples for Southern California, bearing consistently in all districts. The fruit not only keeps well but is excellent for eating or cooking. November.

1770—\$1.75 each, \$16.00 per 10.

Yellow Bellflower

A well-known market variety of California, excellent for cooking or eating. The oblong fruit has a pale yellow waxy skin, blushed on one cheek. Does best in the coastal valleys.

1775—\$1.75 each, \$16.00 per 10.



Apricots Provide Lots of Fresh Fruit

Transcendent Crabapple

No other apple will make finer jelly, preserves, or sweet pickles. Adapted to all locations, it never fails to bear plenty of beautiful medium sized fruits, handsomely striped with red. It is the most beautiful of all fruiting apple trees when in bloom, providing plenty of cut sprays. Ideal for a small good looking shade tree, too. August.

1750—\$2.00 each, \$17.50 per 10.

Dwarf Apples

Where space is an important factor in the dooryard or home orchard we recommend these dwarf trees. Actually three special apple stocks are combined in producing them. Successful tests made at one of the leading universities in the country prove this combination will produce a tree smaller in size but which will bear heavily. The quality of the fruit is fully equal to that grown on a regular tree. All dwarf apple trees are $\frac{3}{8}$ inch in caliper, \$3.00 each, \$25.00 per 10.

Beverly Hills—1785

Valmore—1795

Delicious—1790

Winter Banana—1800

Yellow Delicious—1805

Armstrong Apricots

Apricots ripen early in the summer before most other fruits, and to enjoy their mellow golden goodness to the full, you should be able to pick them from your own tree, fully ripened in the sun. For an attractive small backyard shade tree, the apricot with its handsome foliage is ideal. All apricots, 1-year trees, caliper $\frac{3}{8}$ inch up.

Reeves

For many years we have been searching for a large, fine-flavored apricot which could be counted upon to bear good crops every year in our Southern California climate, for here most of the older apricot varieties produce light or irregular crops. Our search has been rewarded with the new Reeves, which was discovered several years ago in Glendale, California. Thoroughly adapted to our mild winter climate, we believe Reeves will produce plenty of fruit every year. It has the very valuable quality of ripening extremely early, several weeks before Royal, when apricots are very scarce. The big, round, orange-yellow fruits, with their delightful rosy blush, are beautiful to look at, and the delicious full-flavored flesh melts away as you eat. An ideal home apricot. Plant Pat. No. 693.

1820—\$2.00 each, \$17.50 per 10.

Royal

This has long been the leading California apricot for commercial planting and for the home. The fruit is of good size, highly colored, often with a bright red cheek, and the flesh is deep orange, rich, sweet and delicious. Royal is a fine apricot for all sections and the most dependable bearer among the standard apricot varieties. It ripens 2 to 4 weeks after Reeves and you can stretch your apricot season by planting both kinds. Late June.

1825—\$1.50 each, \$13.50 per 10.

Moorpark

If you want the apricot of finest quality this is it. The large, round, deep orange-colored fruits, blushed red on the sunny side, are unbelievably delicious. A shy bearer in the interior but exceptionally fine on the coast. Early July.

1815—\$1.50 each, \$13.50 per 10.

Tilton

One of the largest of all apricots, heart-shaped, with a beautiful deep apricot color and good flavor. A shy bearer in coastal regions but fine in the interior valleys. Ripens early July.

1830—\$1.50 each, \$13.50 per 10.

Earligold

For quantity of fruit Earligold will excel all other apricots because it ripens enormous crops every year in all parts of Southern California. The fruit is small to medium size, rich golden apricot color, and the flesh is sweet, juicy and melting. Ripens at about the same time as the new Reeves. The fruit is smaller and though of excellent quality, we do not think it has the superb flavor of Reeves. Early June.

1810—\$1.50 each, \$13.50 per 10.

The New Reeves Apricot—Finest for Southern California





Armstrong Cherries

The "pie" cherries, Richmond and Morello, bear large crops in Southern California and almost everywhere else. They are a little tart for eating fresh but are the best for making cherry pie or for canning. The sweet cherries bear fruit only in the higher altitudes of Southern California (Yucaipa, Beaumont, etc.), but they are entirely satisfactory in the central and northern part of the State. Richmond or Morello will bear if planted alone, but several varieties of sweet cherries should be planted together for cross-pollination. Price on all cherries: 1-year, caliper $\frac{3}{8}$ inch up, \$1.75 each, \$16.00 per 10 of one variety.

Sure-to-Bear Kinds

Richmond

Excellent early "pie" cherry which will provide large quantities of fruit for fresh cherry pie and for canning. The handsome wine-red fruits have a sprightly aromatic flavor and tender melting flesh. The tree is rather small, round-headed, and does not take up much room on the home place. Especially good for the Southern California coastal and valley regions where sweet cherries do not bear. Will bear heavy crops consistently, no matter where you plant it. Early June. 1850.

Morello

Beautiful large dark wine-red fruits similar to Richmond but slightly larger, and the fruit ripens 2 weeks later. If you have room for two "pie" cherries, Richmond and Morello make a good combination because the difference in ripening dates means that you will have plenty of cherries all through June. This fine "pie" cherry is the most dependable variety for Southern California coastal and valley districts. It does well anywhere. Ripens in late June. 1845.

Pomegranate

Wonderful

Pomegranates grow quickly into a large 8-foot bush and thrive anywhere from the seacoast to the hottest desert valleys. They are one of the most ornamental of all fruit trees with bright, scarlet hibiscus-like flowers and big, crimson, fall-ripening fruit. Wonderful is the best variety, very large bright crimson-colored fruit, with juicy, rich garnet flesh.

2180—\$1.50 each, \$13.50 per 10.

Quince

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.

Price: 1-year trees, caliper $\frac{3}{8}$ inch up, \$1.75 each, \$16.00 per 10 of one variety.

Pineapple

One of Luther Burbank's originations, with round, short-necked, golden yellow fruit. The flavor and aroma are suggestive of the pineapple. October. 2200.

Smyrna

Extremely large fruits, delightfully fragrant when fresh and delicious when cooked. October. 2205.

Armstrong Persimmons

At Thanksgiving and Christmas the persimmon is particularly welcome either as a salad fruit, eaten out of hand, or in a delightful persimmon pudding. Persimmon trees are very ornamental because the huge leaves turn to bright reds and browns in the fall just when the tree is hanging full of the highly colored orange-red fruit. The big fruits make marvelous holiday decorations, too.

Price on all persimmons: 1-year trees, caliper $\frac{3}{8}$ inch up, \$3.00 each, \$27.50 per 10 of one variety.

Hachiya

Very large, well known conical fruit of bright orange-red with sweet, rich, mellow flesh. Astringent until fully ripe, then delicious. A large, well grown Hachiya is one of the most beautiful of fruits. 2125.

Fuyu

Quite different from other varieties in that it is never astringent or puckery. Even when ripe the fruit is firm. It may be eaten hard like an apple whenever sweet enough. The large flattened fruits are borne in great quantities. 2120.

The Sweet Cherries

Black Tartarian

The very finest cherry to eat fresh, with sweet, rich, and juicy flesh and an attractive purplish black color. The robust erect trees are heavy bearers. A good pollinizer for Bing and other sweet cherries. The big, juicy, sweet black beauties ripen early in the season when cherries taste the best. To eat fresh, for jam and for early market, Tartarians are hard to beat. Tartarian, like the other sweet cherries, does not bear well in the coastal and valley regions of Southern California. Ripens early June. 1840.

Bing

The fruit is very large, dark red, and of extremely handsome appearance. Since it has the firmest flesh of all cherries, it is marvelous for canning and is the best for shipping. Plant Tartarian with it as a pollinizer. Ripens June. 1835.

Royal Ann

Everyone is familiar with these big pale yellow cherries with the bright red cheek, and the sweet, firm flesh. In cherry growing districts, like all the sweet cherries, the trees bear enormous crops. The leading commercial canning cherry, ripening large crops in late June. 1855.

Scarlet Hachiya Persimmon



Armstrong Figs

California is one of the few parts of the world in which figs attain perfection. In the late summer and fall there is no fruit which is more enjoyable whether eaten out of hand or sliced with cream and sugar. They make marvelous jam, too.

Pruning. We recommend pruning fig trees back severely when you plant them. You'll get far better and quicker results if you take off at least one-half of the top. We do this for you unless instructed otherwise.

Price on all figs: $\frac{3}{4}$ -inch caliper and up, \$1.75 each, \$16.00 per 10 of one variety.

Brunswick

This medium sized, light brown, short-necked fig is known as Magnolia in Texas. The fine-grained, sweet, brown-amber flesh is delicious. The tree is smaller than many other varieties and will stand more cold than any other fig which 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. 1865.

Brown Turkey *Finest for All Areas*

We consider Brown Turkey to be one of the finest figs for general use in California. From our observations we have been unable to distinguish Brown Turkey from the fig sold as "Thompson." The fruits are exceptionally large and long, rich purplish in color, becoming deeper purple as they mature, and the flesh is a rich strawberry-red color, fine-grained, sweet and juicy. It bears equally well on the coast, in inland valleys, or on the desert. Larger and finer figs will be produced if the trees are heavily pruned back in the winter. 1860.

White Adriatic

Very large, elongated, yellowish green fruit, with a short neck. Flesh bright strawberry-red of excellent quality. One of the very finest white figs. Heavy pruning will increase the size of the fruit but will decrease the quantity. 1885.

Chinese Jujubes

Often the first year after planting, this small deciduous tree will start bearing and each year will produce enormous crops of small dark-brown fruits. They are sweet and crisp when eaten fresh, make excellent jam, but are most often made into delicious candied fruits. The tree grows anywhere with ease but probably bears best in the warmer interior valleys. Exceedingly ornamental, the small willow-like tree will stand winter temperatures without injury. Fruit ripens September and October. We believe we are the only ones to offer these giant-fruited varieties selected by the U. S. Department of Agriculture.

Price on Jujubes: 1-year trees, caliper $\frac{3}{8}$ inch up, \$2.75 each, \$25.00 per 10 of one variety.

Lang

Large pear-shaped fruit, $1\frac{1}{2}$ to 2 inches long, shown in the photograph at right. Fruits abundantly and often bears the first year after planting. 1910.

Li

This variety has the largest fruit of all, often 2 inches in diameter. Round in shape, it has a very small pit and is deliciously sweet and crisp. 1915.

All Bare-Root Fruit Trees Shipped at Our Expense

No matter where you live in the States your order of deciduous fruit trees or roses will be delivered to your door by mail, express, or freight at our expense. We reserve the right to choose the method of shipment.



Big
Luscious Brown
Turkey Fig

Kadota

This is the finest white fig for most of California, and one of the best figs for all purposes, since it will can, dry, pickle or ship fresh with excellent results. The medium size fruit has a smooth, waxy, yellow-white skin and extremely sweet and rich, pale amber flesh. Does best in the warmer interior valleys, producing very heavy crops all through the summer and fall. Heavy winter pruning decreases quantity without increasing size. 1870.

White Genoa

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 which bears well under such conditions. Fine inland, too. The fruit is large, pear-shaped, and has a waxy yellow skin and sweet amber flesh. Heavy pruning will increase the size of the fruit but you will get lighter crops. 1850.

Lang Jujube, 1/3 Natural Size

The Chinese Jujubes listed at left are the two large-fruited kinds selected from thousands of seedlings by the U. S. Department of Agriculture.



Peaches

NEW PRODUCTS OF



Redwing
Finest White July-
Ripening Peach

When a planter puts out a peach tree and gives it reasonable care, he has a right to expect that it will produce a good crop of fruit every year. In the mild-wintered climate of Southern California the varieties of peaches which are standard in the rest of the country are very dependable. Fourteen years ago the Armstrong Nurseries decided to do something about it. We instituted in our Research Department a breeding and testing program to secure peach kinds which will produce large crops of high quality fruit every year in our climate. The varieties offered on these two pages are the results of this program. Under normal conditions they will produce regular and heavy crops of extraordinarily fine fruit. They will do this not only in Southern California, but in the rest of California as well.

Sizes: All peach trees offered are 1-year trees which caliper $\frac{3}{8}$ inch or more. Most of them will caliper $\frac{1}{2}$ inch or more and are 4 to 6 feet high before pruning. Ten of one kind sold at the 10-rate, 50 of one kind at the 100-rate.

Robin *The Early High-Profit Peach*

This is the most valuable and extraordinary of all the new Armstrong peach varieties because it is the first good peach of the season, ripening weeks before any other good early peach in California. That fact alone puts Robin in a class by itself. It is a beautiful red-cheeked, white-fleshed, medium size fruit, semi-freestone, so richly colored and handsome that it will make your mouth water just to look at it. Deliciously flavored, the fruit is firm and smooth, almost fuzzless, round in shape. It keeps well after picking. In addition to ripening the first good peaches of the season, Robin trees bear enormous crops. They grow rapidly and bear fruit amazingly soon—sometimes the first year after planting.

If you and your family want to enjoy the first good peaches of the season, then you will have to include Robin in your home garden planting. If you have a piece of vacant land suitable for a peach orchard, you'll be interested in the market reports on Robin. In 1948 the first Robin peaches reached the Los Angeles market on June 10. They brought 20c to 25c per pound, while other early peaches were bringing from 5c to 10c per pound.

This difference in price prevailed during the entire Robin season, fruit reaching as high as 27c per pound wholesale. No wonder we think Robin offers the most profitable orchard opportunity for Southern California. Late May, early June. Plant Pat. No. 529.

2020—\$2.00 each, 10 for \$17.50, 50 or more \$1.40 each.

Profits Prove They're Better

The best proof that Robin and Meadow Lark peaches are probably the most profitable orchard crops that can be planted at this time in California is embodied in the pages of the Federal-State Market News Service for 1948. On June 10 when the first Robins reached the Los Angeles wholesale market they brought from 20c to 27c per pound when all other varieties were bringing from 5c to 10c per pound. Meadow Lark brought the same high returns when it came on the market on June 22. These peak prices and the favorable price ratio continued for the entire three weeks of their ripening season. Add to these fabulous prices the fact that Robins and Meadow Larks are both heavy regular bearers, that they grow with great rapidity, producing fruit the second year after planting, and you have an unbeatable opportunity for profits. You'll not have to wait long to cash in.

[80]

Meadow Lark *The First Yellow Peach*

Many people like yellow-fleshed peaches best, and the first yellow peach of the season tastes doubly good. That is why this new Armstrong peach is so valuable for it is the first good yellow-fleshed peach to ripen in Southern California. Meadow Lark is a beautiful yellow medium size peach with a bright red blush which covers more than half of the fruit. It is semi-freestone, and the juicy yellow flesh is sweet and pleasantly flavored.

The tree of Meadow Lark is almost certain to produce a big crop of fruit every year in Southern California (and anywhere else in the state). The trees usually start bearing the second year after planting. It is probably the most dependable peach of all for the immediate coastal districts. In the Los Angeles wholesale market Meadow Larks in 1948 brought 20c to 27c per pound during their entire ripening season, while other kinds were selling at from 5c to 10c per pound. Its high color and high quality at such an early season are irresistible. Ripens late June. Plant Pat. No. 528.

2000—\$2.00 each, 10 for \$17.50, 50 or more \$1.40 each.

Low Quantity Rates for Orchard Planting

We make special low rates for quantities of 250 trees or more of one kind for orchard planting.

Meadow Lark
Earliest Yellow Peach to Ripen



That Bear!

ARMSTRONG RESEARCH

Golden Blush *The Big Yellow Peach*

Large size, delicious full-bodied peach flavor, and beautiful gold and red color make this peach one of the finest on our list. The big fruits are slightly more elongated than round, and in flavor and juiciness they far exceed the better known Elberta. In the interior valleys of California Golden Blush trees are always heavily loaded so that it makes a splendid home peach and will give a good account of itself as a commercial variety as well. In the coastal zone up to about 10 miles from the sea it may be a light bearer, but even so, it will do better than the older Elberta, Hale, and Salway which do not bear well there at all. You can count upon Golden Blush being one of the fastest growing, most vigorous trees that you plant. Early August. Plant Pat. No. 473. 1985—\$2.00 each, 10 for \$17.50, 50 or more \$1.40 each.



Robin, Earliest of All

Curlew *Best Late Peach*

For fine big juicy peaches in September and October this is the variety that we recommend. It is the only peach that we recommend for this season for Southern California because until it was discovered by our Research Department there was no late ripening summer peach which would consistently bear a good crop every year in this area. The beautifully colored fruit is a rich deep orange-yellow, attractively blotched with red, and it is much above average in size. The flesh is deep yellow, red at the pit, with a delicious mild flavor, sweet and juicy. Curlew, unlike most late summer peaches, is quite juicy and yet is firm and keeps well. Any housewife will appreciate the fact that the fruit of Curlew sliced will not turn brown (oxidize) for many hours after cutting. Just slice them, put them in the refrigerator, and hours later they will come out bright and glistening. In most areas Curlew starts to ripen after the middle of September and lasts well through October, depending upon the season and location. We know that this variety will bear well immediately adjacent to the coast because the original tree was first tested in Long Beach. It does even better inland. For late summer peach enjoyment anywhere Curlew is your best bet. Plant Pat. No. 651. 1960—\$2.00 each, 10 for \$17.50.

Redwing *The Red-Checked Beauty*

We believe this new Armstrong peach to be the most beautiful, the heaviest bearing, and the best all-around peach for Southern California in late June and early July. The good size fruit has a brilliant red coloring over a creamy skin, and the white flesh has a rich flavor that combines acidity and sweetness in a delicious manner. The firm fruit holds on the tree for a long time. Redwing trees grow so fast and produce fruit so quickly that you'll be amazed, and you'll never fail to get a good crop of fruit every year. This is true in all parts of the state, not only in Southern California. We consider Redwing to be a far better peach than the older Babcock which ripens in the same season. It is bigger, has a richer red color, a better balanced flavor, and the fruit being firmer handles and keeps better than Babcock. For proof of its superiority The Federal-State Market News Service for the 1948 season shows Redwing bringing 16c to 20c a pound while Babcocks at the same time were bringing 5c to 12c per pound. Redwing will not bear as well within 10 miles of the ocean in Southern California as do Robin and Meadow Lark, but it will make a better showing there than the older peach varieties. Early July. Plant Pat. No. 621.

2010—\$2.00 each, 10 for \$17.50, 50 or more \$1.40 each.

Flamingo *The Top Quality Peach*

August is the big peach month of the year, and we think that this fine new peach is the best of all for California planting in that period. Big plump golden yellow globes, slightly elongated, they are heavily marbled with red. The bright smooth skin is free of fuzz, and the fruits are as beautiful as any peach that you can find. (See the photograph at the right taken while we were picking Flamingos last summer.) Flamingo was selected from thousands of peach seedlings for its all-around qualities, and one of the most important of these qualities is its never-failing habit of bearing a large fine crop every year, even in Southern California where this is not true of the older kinds. Plant Pat. No. 661.

1975—\$2.50 each, 10 for \$22.00, 50 or more \$1.75 each.

Ripening Calendar for New Armstrong Peaches

The Armstrong peach varieties offered on these two pages will provide the finest peaches that can be grown in California from May through October. Not only is the fruit of the very best, but the trees will give you fruit every year—and plenty of it! They have been hybridized, selected, and introduced to give you the best in peach satisfaction.

Robin. Late May, early June.

Meadow Lark. June.

Redwing. Late June, early July.

Flamingo. August.

Golden Blush. August.

Curlew. September, October.

Flamingo Peaches—They'll Do This for You





Babcock—The Heavy Bearing Peach

Armstrong Peaches

We grow the finest peach varieties that we can find for the Southwestern States regardless of their source, with particular emphasis on kinds most adapted to Southern California where ordinary peach varieties do not always thrive. The special Armstrong peaches on the two preceding pages (80 and 81) were hybridized and selected especially for Southern California conditions, and they also do well in the rest of California and other Southwest States. All Armstrong peach trees are budded on special resistant rootstocks which makes for more vigorous long-lived trees.

Sizes: All peach trees offered in this catalog are 1-year trees which caliper $\frac{3}{8}$ inch or more. Most of them will caliper $\frac{1}{2}$ inch or more and will be 4 to 6 feet before pruning.

When to Plant: Deciduous fruit trees, pages 76 to 86 inclusive, are supplied by us without earth on the roots, during their dormant season (January, February, and March).
 Not available in other months.

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

Babcock

This sweet little peach is small to medium in size, beautiful in appearance, with bright red fuzzless cheek. The juicy, sweet, white flesh is of excellent quality. It sets so much fruit that the trees must be thinned heavily to get size. Babcock grows and bears well over a wide area, including such dissimilar locations as Arizona and Hawaii. The newer Redwing (see page 81) ripening at the same time, has bigger, better looking fruit, with a better balanced flavor. Early July.

1955—\$1.50 each, 10 for \$13.50, 50 or more \$1.15 each.

Socala

Because of its high quality peaches, early ripening season, and consistently heavy crops in Southern California, Socala has been in considerable demand during the past few years. The large, round (sometimes elongated) fruit is pale yellow with a pronounced red blush. The flesh is yellow, slightly pink at the pit, sweet, juicy, and of excellent flavor. It is a splendid peach for home use and has made a good showing in the commercial markets. Early June.

2030—\$1.50 each, 10 for \$13.50, 50 or more \$1.15 each.

Early Elberta

This early ripening yellow peach is one of the most dependable and popular varieties now planted in California, and both for home and market we can recommend it highly. It does well and consistently produces good crops almost everywhere in the Southwestern States from the coastal area to the inland valleys. The medium size fruit is almost round, yellowish, with a rich red cheek and a beautiful orange-pink cast. The flesh is of very high quality, almost clear yellow, so firm that it makes an excellent shipping peach. Middle July.

1965—\$1.50 each, 10 for \$13.50, 50 or more \$1.15 each.

Weldon

A handsome medium size yellow peach with a bright red cheek. The flesh is yellow, juicy, and sweet. A splendid yellow freestone for home planting in all of California and particularly dependable for the Southern California coastal area. It was originated in Southern California for Southern California conditions. Late July.

2040—\$1.50 each, 10 for \$13.50.

Hermosa

Another Southern California origination that performs so much better than the older peach kinds in this area. A beautiful, big, white-fleshed, pink-cheeked fruit, originated at Riverside by Dr. Lesley of the University of California. Enormous in size, it bears extraordinarily heavy crops of the most taste-appealing, eye-enticing peaches imaginable. Probably too tender for shipping, it is a splendid home peach. You'll find it to be one of the most beautiful peaches to look at and one of the most delicious to bite into that you ever ran across. Early August.

1990—\$1.50 each, 10 for \$13.50.

Elberta

One of the best known peaches the country over. The name Elberta is almost as well known as the peach itself. Good size, oval, yellow fruits, with red cheeks, juicy and well flavored. In Southern California it has a tendency to bear a light crop in most years. Elsewhere it is still one of the country's top peaches. Early Elberta (no relation and ripening a month earlier) is a more dependable peach in most of California. Middle August.

1970—\$1.50 each, 10 for \$13.50, 50 or more \$1.15 each.

Sunglow

This delicious yellow freestone will make you smack your lips in earnest. Beautiful golden yellow outside with a delicate red blush and deep clear yellow flesh inside. The medium size fruits are extraordinarily rich in flavor as well as being juicy and firm. Originated at the Riverside campus of the University of California, it was created to bear large and regular crops in Southern California and does so without fail. Middle August.

2035—\$1.50 each, 10 for \$13.50, 50 or more \$1.15 each.

J. H. Hale

This long-famous peach has very large round fruits with beautiful yellow skin, heavily marked with carmine. Although a good peach in most of the country, it bears lightly and irregularly in most of Southern California. Flamingo or Golden Blush are much preferable here. J. H. Hale makes a small tree and must have another peach planted with it for pollination. Middle August.

1995—\$1.50 each, 10 for \$13.50, 50 or more \$1.15 each.

Rio Oso Gem

Very large, round, brilliant red fruit, shading to orange-red. The flesh is yellow, firm, and richly flavored. In coastal Southern California it is a light bearer, but in Yucaipa-Beaumont it is one of the most dependable and profitable orchard peaches, as it is in Central and Northern California. Late August. Plant Pat. No. 84.

2015—\$1.50 each, 10 for \$13.50, 50 or more \$1.15 each.

Miller's Late

If you want peaches right up to Thanksgiving, this is the one you should include in your planting because it has absolutely no competition late in the fall. A fine large yellow freestone of fair quality, and a heavy bearer. October-November.

2005—\$1.50 each, 10 for \$13.50.

Prices for Orchard Plantings

Ten trees of one kind sold at the 10 rate, 50 of one kind at the 50 or more price. Write for prices on 250 or more trees of one kind for orchard planting. We make special reductions to orchardists for this quantity. Remember—we pay postage, express, or freight charges in shipping all bare root fruit trees to you no matter where you live in the States.

**Be Sure to Look at the New Armstrong Peach Varieties on Pages 80 and 81
 They are Consistently Bringing Higher Market Prices Than All Others**

Cling Peaches for Canning

Sims Cling

Sims Cling is the leading commercial canning cling of Southern California because it bears its fine quality, firm, yellow fruit consistently every year. The fruit is larger than average, golden yellow outside and in; flesh is clear yellow to the pit. For home or commercial planting it is dependable all over the state. Late August.

2025—\$1.50 each, 10 for \$13.50, 50 or more \$1.15 each.

We Pay the Freight

On peaches, plums, nectarines, and all other bare root trees we pay postage, express, or freight charges direct to your door no matter where you live. All small orders of deciduous fruit trees are correctly pruned for planting before we ship them. On larger orders for commercial orchard planting we do not prune.

Fontana Cling

This splendid clingstone makes a better quality canned peach than any other grown in Southern California. Slightly smaller than Sims, the almost round fruit is a rich deep orange-yellow inside clear to the pit and has a delicious sweet rich flavor. Bears extremely heavy crops, never missing a year. Early September.

1980—\$1.50 each, 10 for \$13.50, 50 or more \$1.15 each.

White Heath Cling

There is no dish more delightful to look at or more delicious to eat than home canned white peaches. This old favorite is the best. Big, creamy white, heavily blushed on the sunny side. Flesh is white, tender, juicy, and sweet. September.

2045—\$1.50 each, 10 for \$13.50.

Armstrong Nectarines

The tree of the nectarine looks like a peach, but the fruits are smooth-skinned and the rich aromatic flesh has a delightful piquant flavor characteristically its own. The name means "fruits of the Gods", and the Gods certainly did know their fruits. The new Armstrong Pioneer Nectarine is by far the finest that can be grown in Southern California.

From Armstrong Research

A New Nectarine

Pioneer

The nectarine is such a delicious fruit that it has always been a source of disappointment that there has been no nectarine variety which was dependable in this area. Our Research Department has been working for more than 10 years on the problem. Only now have we succeeded in getting a nectarine that has stood the test. These big, bright red and yellow fruits are unbelievably good, and so good looking that you will keep a bowl of them on the table just for ornament. (We guarantee they won't stay in the bowl long, they taste too good.) You'll not have to hope for a crop—you'll get it every year without fail. Add to all this the fact that the big spring blooms have such a lovely clear pink color that it is almost as ornamental as the finest flowering peach—after all this, does it sound as if you could afford to be without it? Ripens July. Plant Pat. No. 787.

1930—\$2.50 each, 10 for \$22.00, 50 or more \$1.75 each.

Gold Mine

Until the advent of Pioneer this was the best nectarine for Southern California because it will bear quite regularly in our climate. While the fruits of Pioneer are orange-fleshed, these big red and creamy green fruits have juicy white flesh. The fruits are exceptionally good in flavor and quality. Early August.

1925—\$1.50 each, 10 for \$13.50, 50 or more \$1.15 each.

Stanwick

The beautiful big fruit has a pale green skin shaded purplish red, and its delicious white flesh, dripping with rich juice, has a delicate aromatic flavor. A good bearer in Northern California but irregular in Southern California. Middle August.

1935—\$1.50 each, 10 for \$13.50, 50 or more \$1.15 each.

Boston

Big bright yellow fruit with a red cheek and yellow flesh. Pioneer will far outbear in Southern California, but this one ripens a month later—late August.

1920—\$1.50 each, 10 for \$13.50, 50 or more \$1.15 each.

Brilliant in Color

A highly colored nectarine is one of the most beautiful fruits, and Pioneer, Armstrong's new one, is one of the most beautiful of all nectarines. The underlying color is a bright, rich, deep orange, and the fruit is heavily overlaid with varying shades of red. The flesh is orange colored also.

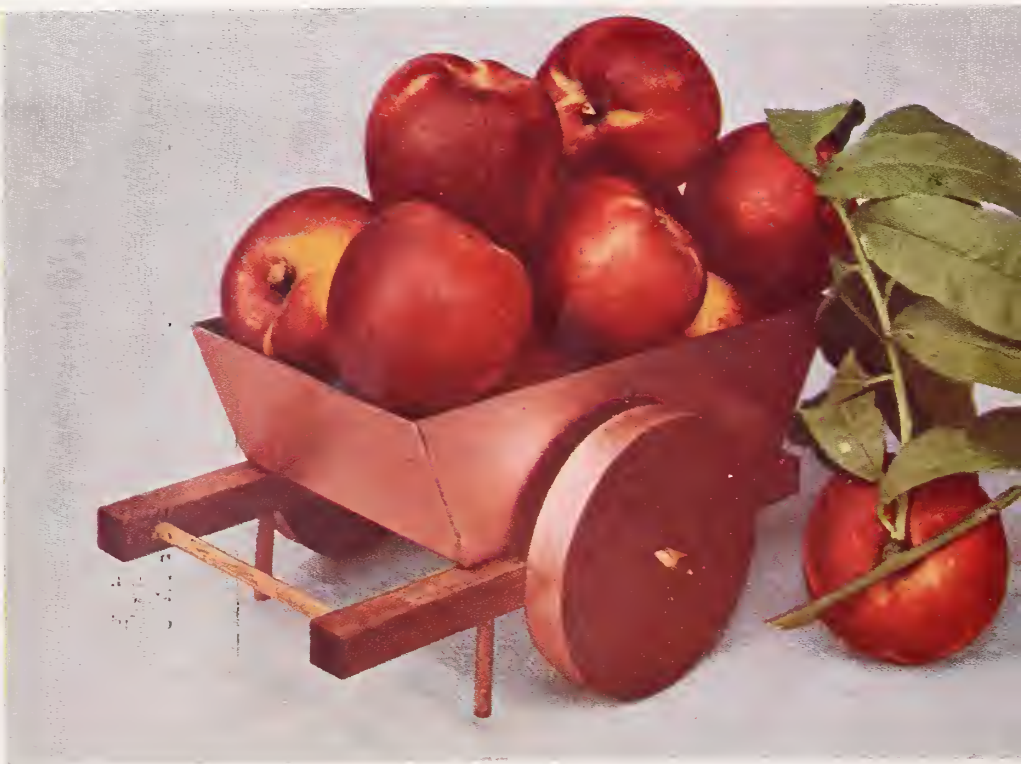
New Richness in Flavor

Even though beautiful to look at, the ultimate purpose of a nectarine is to be eaten. Pioneer has a flavor all its own, unlike any other nectarine or peach either. We can not describe it, other than to say that every time you eat one it will taste like more. Even the crisp tender skin is sweet.

And It Bears!

When we started out to get a new nectarine one of our most important goals was plenty of fruit. Pioneer will bear better in Southern California than any other nectarine. It will bear best in the interior valleys, but even in the coastal areas where other nectarines produce only light crops. Pioneer will be satisfactory.

Pioneer, the New Southern California Nectarine (greatly reduced)





Hollywood Plum
Colorful and Delicious

Beauty

The large fruit is beautifully colored deep crimson and the amber-crimson flesh is juicy and full-flavored. A never-failing bearer everywhere, and particularly enjoyable because it is almost the first plum to ripen. June. 2130.

Climax

The very large heart-shaped fruit with a beautiful deep red and yellow color, is one of Luther Burbank's finest introductions. The golden yellow flesh is firm yet richly flavored and juicy. Sometimes a light bearer in coastal and other regions where the winters are mild. Needs no pollinizer. Late June. 2140.

Santa Rosa

Probably the most widely planted plum in California, and certainly it is one of the handsomest. The big, purplish crimson fruit, oval in shape, is covered with an attractive light blue bloom and the sweet, delicious amber-colored flesh is veined with crimson. Splendid for market or home use, it will bear a heavy crop each year no matter where it is planted. It is a good pollinizer for other varieties of plums, but will bear fair crops without a pollinizer of its own. Late June. 2170.

Hollywood

It must have been called Hollywood because of the ultra-modern job of make-up. Everything about it is colorful—the blood-red, juicy, sweet plums, borne early in the season, the purple-red foliage and the cloud of lovely light pink flowers in the spring. It is not only beautiful, but the fruit is delicious to eat, reminding us of an enormous sweet black cherry when fully ripe. Since it is one of the first plums to ripen in the season, its brilliant color and fine flavor are doubly enjoyable. Late June. 2145.

Mariposa Plum Is the Finest of All Blood Plums



Armstrong Plums

Most varieties of plums will bear heavier crops if certain other varieties are planted nearby as pollinizers. Santa Rosa and Beauty successfully pollinate the blossoms of most varieties as well as each other, and we advise including one of these in all plum plantings. Beauty and Santa Rosa bear the heaviest crops everywhere, but Mariposa and Hollywood are the best for eating. The plum varieties listed below are in their approximate order of ripening.

All plums below, 1-year trees, 3/4-inch caliper and up, \$1.50 each, \$13.50 per 10 of one variety, except Mariposa, \$1.75 each, \$16.00 per 10.

Mariposa *The New Blood Plum*

In our opinion there is no finer plum for eating than the big maroon-red fruits of the Mariposa, 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 fine plum is sweet and full of flavor all the way through. Excellent reports on Mariposa have reached us from widely scattered areas in California, the Pacific Northwest, Colorado and Texas. Everyone likes the delicious flavor and the big red fruits. Mariposa should have a tree of Satsuma, Beauty or Santa Rosa planted nearby as a pollinizer. Late July. Plant Pat. No. 111. 2160.

Warning! Inferior blood plums have been sold as Mariposa. Look for the Patent tag bearing this name and Plant Pat. No. 111. Unless it does carry such a tag, it is not genuine Mariposa.

Satsuma

The well-known Japanese Blood Plum, introduced by Luther Burbank, which is so highly prized for preserving. The handsome, almost round fruit is deep red with a heavy lilac bloom. The firm, juicy, well-flavored flesh is a dark purplish red and the pit is small. Best pollinizer is Santa Rosa. July. 2175.

Red Rosa

A new plum very similar to the Santa Rosa in appearance, having the same bright colored purplish red fruit and amber-colored flesh. But it ripens fully one month later. A splendid home and market plum because of its fine quality and because the firm, crisp fruit will keep for a long time. Best pollinizer is Beauty. Late July. 2165.

Late Satsuma

Everyone likes those delicious sweet Satsumas with the blood-red flesh but they are all gone long before September. Now we have discovered a late ripening Satsuma which makes it possible to enjoy those delicious plums in September when other plums are scarce. Quite profitable as a late plum for market and certainly fine for canning. 2155.

Becky Smith

This is not only one of the most beautiful plums you can grow, but it is the very latest to ripen. After all others are gone you can pick big, round, bright red fruits with crisp sweet amber flesh. They are marvelous for eating, good for canning and ship exceptionally well. Pollinizers, Climax, Santa Rosa. Late September. 2135.

Come See Us

We'd like to meet you and we know that a personal chat with one of our salesmen can help you immensely with that planting problem. We have a staff of highly trained nurserymen to serve you, not only in the selection of varieties, but they are glad to give suggestions which will help you in growing them most successfully. There are Armstrong Salesyards in Ontario, North Hollywood, Culver City and Long Beach.

Armstrong Prunes

Prunes are merely plums with a higher percentage of sugar, which will dry without removal of the pit. The dried fruit is well known to everyone for its healthful vitamins. 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 the dried prunes in the summer when you can enjoy fresh ones which are much more delicious? All prunes bear better if several kinds are interplanted for cross-pollination.

Prices on Prunes: 1-year trees, $\frac{3}{8}$ -inch caliper and up, \$1.50 each, \$13.50 per 10 of one variety.

French Improved

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. 2185.

Standard *The Most Handsome and Largest Prune*

The handsomest and largest of all prunes for home use or as a fresh fruit for the market. The big oval fruits are deep purple with a rich blue bloom, and the flesh is amber-colored, juicy and exceptionally sweet. Bears well everywhere but particularly fine in the valleys of Southern California where other prunes do not bear quite so well. August. 2190.

Sugar

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. The handsome big fruits are delicious to eat out of hand and are exceptionally fine for canning. July. 2195.



Large-Fruited Winter Nelis Pear
A late ripening pear that is sure to bear in Southern California, or most anywhere else. Plant Bartlett with it for a pollinizer.

Armstrong Pears

All pears bear well in the higher altitudes and northern sections where winters are colder and more prolonged. However, you can enjoy pears from your own trees here in Southern California by planting the Large-Fruited Winter Nelis or the Seckel. These kinds are surest to bear in mild climates. If you have little room, you will get the most satisfaction out of the Dwarf Pears.

Prices on Pears: 1-year trees, caliper $\frac{3}{8}$ inch up, \$1.75 each, \$16.00 per 10 of one variety.

Bartlett

Bartlett has every quality needed for a perfect home or market pear, and it is the most widely planted variety in California. The big, golden yellow, rosy cheeked fruit is richly flavored, buttery and melting. The tree grows vigorously but bears better crops if Beurre d'Anjou or Winter Nelis is planted with it. You will find nothing better than this famous kind by which all other pears are judged. August. 2070.

Large-Fruited Winter Nelis

The old Winter Nelis was one of the finest late ripening pears for Southern California (or anywhere else). This new large-fruited type has been thoroughly tested in Southern California and it bears exceedingly heavy crops of fine, big, russeted pears with a ruddy pink cheek. The flavor is rich, aromatic, and delectable. The fruit keeps for a long time after picking and you'll find that the tree will bear heavy crops almost anywhere in California. October and November. 2080.



Bartlett Pear
The standard pear by which all others are judged.

Beurre d'Anjou

Large, yellow fruit marked with russet and crimson; fine for eating or market. Flesh is tender, sweet and juicy. An excellent pollinizer for Bartlett. October. 2075.

Seckel

This little russeted beauty is small but well colored and no other variety possesses such exquisitely flavored, juicy flesh, even the skin being spicy. September. 2085.

Winter Bartlett

This late fall ripening pear is similar to the Bartlett in shape and color, with the same exquisite flavor. But it is smaller and ripens much later. The tree is remarkably productive and in Southern California it will probably bear the heaviest and most regular crops of any pear, even in the low altitude desert regions where other pears will not bear at all. The fruit keeps remarkably well and you can keep it in a cool place for weeks after picking. November-December. 2090.

Dwarf Pears

If your space is limited but you would like to have a lot of fine pears for your family to eat, you'll want to plant these dwarf 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 almost anywhere in Southern California or elsewhere and require little care.

Price on Dwarf Pears: 1-year, double budded on two understocks, caliper $\frac{3}{8}$ inch up, \$3.00 each, \$27.50 per 10 of one variety.

Dwarf Bartlett

It is the world's finest pear. What more can we say? 2095.

Dwarf Beurre d'Anjou

Better plant one of these with your Bartlett in order to make sure of increasing the crop. 2100.

Dwarf Large-Fruited Winter Nelis

The new giant fruited strain of this fine old fall ripening pear. 2110.

Dwarf Winter Bartlett

Bears heavy crops in Southern California most consistently. These tasty late ripening long keeping pears please everyone. 2115.



Thomas Black Walnut
Has All the Flavor of the
Eastern Black Walnut
but is Easy to Crack

Armstrong Nut Trees

California Walnuts

Selected Almonds

Almonds are one of the spring's most beautiful flowering trees, but to get plenty of nuts you must plant the right combination for successful pollination. Good combinations are Nonpareil and Drake, Nonpareil and Texas, Jordanolo and Ne Plus Ultra, or Texas and Drake.

Price on Almonds: 1-year trees, caliper $\frac{3}{8}$ inch up, \$1.50 each, \$13.50 per 10 of one variety.

Jordanolo

In mild-wintered sections, most of the almond varieties bear irregular and light crops. Here, though, we can highly recommend this new variety to Southern California planters. Its extremely heavy bearing habit is in evidence wherever it has been 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. 1705.

Drake

An extremely prolific and consistent bearer in all almond districts. The nuts are medium in size, almost round, very handsome, with a medium soft shell, plump and well filled. It blooms late and is a good pollinizer for Nonpareil or Texas. 1700.

Nonpareil

One of the most valuable commercial almonds for California, bearing huge crops of those giant papershell nuts with the big plump kernels—the kind you pay extra for in the market. A beautiful tree, smaller than other almonds, with a semi-weeping habit. Pollinizer, Drake or Texas. 1715.

Ne Plus Ultra

A valuable variety because of its generally large size and attractive outside appearance. The nuts are large and long with a soft corky shell. Plant with Jordanolo or Nonpareil. 1710.

Texas

A consistent producer of heavy crops. The nuts are small and the shell relatively hard, but the plump round kernels with their fine flavor are in great demand commercially. It blooms late, ripening after other almonds are gone. A good pollinizer for Nonpareil and Drake. 1720.

Walnuts grow vigorously and bear heavily everywhere in California except in the high mountains and the desert areas. They make grand large shade trees for the home but be sure to allow plenty of room for them.

Prices on all Walnuts, except as noted: Trees 6 feet and up \$3.00 each, \$27.50 per 10 of one variety.

Placentia

Generally regarded as the best walnut variety for Southern California. The medium sized nuts have a smooth, thin, strong shell, well filled with light tan meats of fine quality. Bears exceptionally large crops. 2760.

Eureka

Very large, elongated nuts, heavy and well sealed, with cream-colored, plump, waxy kernels. A better quality nut than Placentia and more resistant to heat and frost but does not bear as young nor as heavily. 2745.

Franquette

Because of its lateness in blooming, its hardiness and dense foliage, this French variety is favored in colder sections. The nut is large, elongated, smooth and tightly sealed, with the meat of very high quality. 2750.

Payne

A very popular commercial walnut in the valleys of California because of the extremely early and heavy crops borne by the young trees and because of its hardiness. Exceptionally high quality. 2755.

Willson Wonder

If you want nuts that are really huge, this is the variety to plant. It is often called "Jumbo Walnut" because of its enormous size, the nuts often measuring more than 2 inches in diameter. The trees bear young and are very hardy. Although they provide plenty of nuts for home use, they do not produce as many as the standard commercial varieties.

2765—\$4.00 each, \$35.00 per 10.

Black Walnuts

No nuts surpass the old Eastern Black Walnut for flavor, but the kernels are very difficult to pick out of those hard shells. We have two new selected strains which have all the delicious rich flavor but which are comparatively thin-shelled and crack easily. Thomas grows easily into a beautiful big tree in California and produces large quantities of fine walnuts. Stabler bears the largest nuts of all and makes a medium sized tree bearing while quite young.

Thomas 2775—\$4.00 each, \$35.00 per 10.

Stabler 2770—\$4.00 each, \$35.00 per 10.

Armstrong Pecans

In the interior valleys of the State, pecans bear fairly well but in coastal areas they are likely to bear few nuts. Anywhere in California they become beautiful, large, tall summer shade trees. Pecans have a long tap root with few feeder roots and therefore are slow to start the first year. After that they grow rapidly. Our trees are shipped severely pruned to aid them in starting.

Price on Pecans: 1-year trees, $\frac{1}{2}$ -inch caliper and up, \$5.00 each, \$45.00 per 10 of one variety.

Mahan

This sensational pecan of the world produces unbelievably large nuts averaging $2\frac{1}{2}$ inches in length, with paper thin shells. You can crack them easily with your fingers and it is no trick at all to get out the big, plump, richly flavored kernels in one piece. The tree makes a magnificent, luxuriantly foliaged shade tree and even if you get only a few of those unbelievable nuts, you will be glad you planted a Mahan. 2730.

Nellis

Long, thin-shelled nuts with plump well-flavored kernels of excellent quality. We like to recommend this variety because it is likely to bear most consistently in coastal areas. 2735.

Success

The finest and oldest bearing pecan trees in California are of this variety. The nuts are large, oblong, with medium thick shells and the kernel is of exceptionally fine flavor. 2740.



The Gigantic Mahan Pecan
(actual size)



Thompson Seedless Bears Heavily

Armstrong Grapes

Grapes do wonderfully well in California and we are fortunate in being able to grow the native American Grapes of the Eastern States and the finest varieties from Persia, Turkey, Arabia, France and Hungary as well. We have three splendid new grapes originated by plant breeders at the University of California which add something entirely new. Cardinal is a new grape which, from first reports, is destined to be quite successful both commercially and for the home planter. Plant home grapes 6 feet apart each way.

When to Plant: Grapes must be planted when dormant (January to April) and are available for planting only during that time.

Pruning: At the end of each description we indicate whether the variety should be grown as a bush (pruning canes each year to 2 or 3 bud spurs), or on a trellis or fence (canes to be left 18 inches or longer each winter).

California's Famous Western Grapes

All of these California type grapes are kinds which have been brought in from Persia, Turkey, Arabia, and the Old World vineyards of France and Hungary. You will find your favorite type and color of California Grapes here. Varieties listed in approximate order of ripening.

Price on all California Grapes below: 35c each, \$3.00 per 10 of one variety, \$20.00 per 100 of one variety.

Pearl of Csaba

This delicious little amber-colored Hungarian grape along with the new Perlette, is the first of our grape varieties to ripen. Almost seedless, of good quality, with a pronounced muscat flavor. Bush type. Early July. 2290.

Black Monukka

A seedless black Persian grape much resembling Thompson Seedless, except that the berries average one-third larger and are purplish black when mature. A splendid early eating grape that is just about tops. Trellis. Early August. 2215.

Thompson Seedless

The well-known little greenish amber seedless grape so popular the country over. It is widely planted commercially for raisins and fresh fruit as well. Bears heaviest in warm climates, producing many enormous bunches of the delicious, sweet, mild berries with never a seed. Bush (24-inch canes) or trellis. Early August. 2325.

Black Muscat

These large, crisp, sweet, black berries have the richest flavor of any grape that we grow, exceeding even the Muscat of Alexandria. It is a great favorite and a great bearer, too. Bush type. August. 2225.

Ribier

One of the largest and most handsome grapes grown in California. The big, round, almost black berries in medium size bunches are very sweet and rich. Ripens early but hangs on for many weeks. Bush type. August. 2305.

Malaga

A leading shipping variety and one of the finest table grapes. Bunches are large and loose; berries large, oval, yellowish green with a thick skin and firm, sweet, rich flesh. Bush type. Late August. 2270.

Dattier

We will wager that the Caliphs of Persia had this variety when they wanted the best from the royal vineyards because the long, amber beauties are exquisitely flavored. Bush type. September. 2245.

Zinfandel

The famous red wine grape of California bearing an enormous quantity of compact bunches of juicy sweet black grapes. Bush type. September. 2330.

Muscat

The highly flavored white Muscat of Alexandria is one of the most prized table and raisin grapes in California. The big, oval, green berries have a rich, sweet, unforgettable flavor. Does well along the coast or inland. Bush type. September. 2280.

Rose of Peru

Has large bunches of big, round, black berries, crisp, sweet, and richly flavored. Bush or trellis. September. 2315.

Maraville de Malaga

A splendid red market and shipping grape, and unexcelled for home use as well. The berries are extremely large, round and bright red, sweetly and richly flavored. They are so firm that the skin can be peeled off like an orange. Bush type. September. 2275.

Black Hamburg

One of the world's most famous table grapes with large bunches of coal-black, round berries, very firm, juicy, sweet, and rich. Bush or trellis. Late September. 2210.

Rish Baba (Lady Finger)

The bunches are large and long, and the berries are very long, slender and white-skinned with crisp, tender, sweet flesh. They keep exceptionally well and hang on the vine for a long time. Bush type. Late September. 2310.

Black Morocco

The huge, round, purplish black grapes are so large that they resemble small plums. They are sweet and crisp, borne in large compact bunches. Bush type. October. 2220.

Flame Tokay

Berries rich red with a lilac bloom; flesh firm, crisp, and sweet. It is one of the leading shipping and table grapes of California and the finest of the late fall grapes. Bush type. October. 2255.

Black Monukka—Early Seedless Grape





Concord
A Famous American Grape

Armstrong Grapes

The New Grapes

Three of these new grape varieties, Delight, Perlette, and Scarlet, were originated by the plant breeders of the University of California. We have been very enthusiastic about them because of their exceptionally fine flavor, good keeping qualities, seedlessness, and richness of color. The new Cardinal, from all reports, promises to be an outstanding commercial and table grape.

Price on Delight, Perlette, and Scarlet: 75c each, \$7.00 per 10 of one variety, 50 or more, same variety, 60c each.

Delight

Everyone predicts a big future for this new variety both commercially and as a home fruit because of its early ripening, seedlessness, fine keeping, and pronounced yet delicate Muscat flavor. The berries are borne profusely in big loose bunches and they start ripening in late July ahead of Thompson Seedless. They are similar to Thompson in color, though somewhat larger and more crisp. The first truly Muscat-flavored seedless grape ever produced. 2250.

Perlette

The earliest maturing seedless grape in existence, with beautiful, big, foot-long clusters of round berries, slightly larger than those of Thompson Seedless. The white waxy skin is very tender and the flesh crisp with a mild neutral flavor. The exceedingly vigorous vine may be pruned as a bush, or with long canes for fence or trellis. Late July. 2295.

Scarlet

Plant it against a wall, on a fence, trellis or arbor, and when it starts producing big crops of jet-black grapes with bright red, sweet, richly flavored juice, we know you will agree that it is a wonderful home grape. You can pick it from late August until mid-October. The vigorous vine makes a fine ornamental because the foliage turns bright red in late fall. 2320.

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 heavier 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, often the first year after planting.

Price on all varieties below: \$1.00 each, \$9.00 per 10 of one variety, except Cardinal, which is \$2.00 each; \$17.50 per 10.

Black Hamburg—2335	Malaga—2370
Black Monukka—2340	Maraville de Malaga—2375
Black Muscat—2345	Muscat—2380
Cardinal—2350	Perlette—2385
Dattier—2355	Ribier—2390
Delight—2360	Scarlet—2395
Flame Tokay—2365	Thompson Seedless—2400
Golden Muscat—2367	

Cardinal

This new grape was produced by the Bureau of Plant Industry, U. S. Department of Agriculture at Fresno, California, a cross of Ribier and Flame Tokay. From what we have seen of the fruit and the excellent reports which have come to us, it promises to be outstanding in every respect. Its great value lies in its extreme earliness. Ripening in mid-July long before any grape of comparable quality, it has brought staggering prices on the market. The beautiful deep red fruit is borne in large clusters and the individual berries are large, averaging nearly an inch in diameter. Crisp, juicy, and deliciously flavored with a slight Muscat tang. Bush type.

2230—\$1.50 each, \$13.50 per 10, 50 or more \$1.10 each.

Golden Muscat

Whether you prefer Eastern or Western Grapes, you'll like this new kind which is a hybrid between the richly flavored Black Muscat and the green American Grape, Diamond. It retains the golden green color of Diamond but has gained the exquisite Muscat flavor. It grows vigorously and bears heavily everywhere from the hot inland valleys to the coast. You'll get plenty of grapes on this fine kind, and good ones, too. Bush or trellis. August.

2260—50c each, \$4.50 per 10, 50 or more 35c each.

Bearing Size Grapes

These bearing size grapes should give you immediate results. Many have already borne fruit in the field and with proper planting and care they should bear some fruit the first year after planting and heavy crops the second year. These are three-year-old vines which have been trained into 6 to 7-foot heavy columns. They will under proper conditions start to bear immediately and save you two years of waiting for fruit. Dug and sold with 75-pound ball of earth on the roots.

Prices on all varieties below: \$6.00 each.

- Black Hamburg. One of the world's most famous table grapes. 7375.
- Black Monukka. Early black seedless. One of the finest table grapes. 7380.
- Black Muscat. Large, crisp, sweet, black berries with the richest flavor of any grape. 7385.
- Concord. The old-time, all-time favorite American grape. 7395.
- Delight. The first truly Muscat-flavored seedless grape. Ripens early. 7400.
- Golden Muscat. A hybrid of Black Muscat and Diamond. Golden green color with Muscat flavor. 7405.
- Maraville de Malaga. Richly flavored red table grape. 7410.
- Perlette. The earliest grape to ripen. Beautiful big clusters of seedless berries. 7415.
- Ribier. Big, round, almost black berries, very sweet and rich. 7420.
- Scarlet. Late-ripening with rich bright red juice and beautiful foliage. 7425.

The New Scarlet



Hardy American Grapes

The Concord is a typical example of this type of grape which is grown extensively in the Eastern and Middle Western States. They are sometimes known as "slipskins" and are usually strong growing vines, all suitable for arbor and trellis. This type does exceptionally well anywhere on the Pacific Coast, excepting the hottest desert sections. More frequent irrigation in summer is required for the California type grapes.

Price on American Grapes: 50c each, \$4.50 per 10 of one variety, 50 or more, same variety, 35c each.

Niagara

This is the standard American green grape, holding the same rank among green kinds that Concord holds in the black. The berries are large, apple yellow, tender, sweet, and juicy. Like others of the so-called Concord types it will grow vigorously and produce abundantly except in the hottest desert sections. August. 2285.

Christmas

If you want to cover a fence or arbor quickly and get a lot of fine grapes every year, you can find no better variety than this, originated by Luther Burbank. An enormous grower, covering great surfaces, it has fruit similar to Concord in color and flavor but ripening two months later. One vine will produce five times as much as a Concord Grape. October. 2235.

Concord

Almost everyone is familiar with this old-time favorite American grape. You have probably drunk its famous unfermented juice, so widely advertised for its healthful qualities. The delicious blue-black grapes are borne profusely in medium-sized bunches, and nothing excels them for grape juice and jelly. The berries have that famous slipskin and rich unforgettable flavor. Ripens large crops in California. August. 2240.

Perennial Vegetables

A few plants of each of these delicious vegetables will supply you with much garden-fresh vitamin filled produce. You do not have to plant them again each year.

French Green Globe Artichoke

The finest artichoke for market or home use. Large, fine-flavored buds with a big, tasty heart. It is easy to grow artichokes and they thrive almost anywhere in California. Just plant them six feet apart and irrigate them occasionally in the summer time. Cut back to the ground for winter and early spring crops. You will be surprised at the quantity you will get.

2405-50c each, \$4.50 per 10.

Cherry Rhubarb

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. It is a winter crop, hence doubly valuable, and the large-leaved plants are quite ornamental in the garden, too. Plant 4 feet apart.

2485-50c each, \$4.50 per 10.

Paradise Asparagus

Heavy production, early maturing, and exceptionally fine quality characterize this new asparagus with big, stalky green stems as thick as your thumb.

2415-25 for \$1.50, 100 for \$4.50.

Mary Washington Asparagus

Has long been a popular kind, ripening early with many tender, crisp green tips. Plant asparagus 1 foot apart in rows 4 feet apart.

2410-25 for \$1.50, 100 for \$4.50.

Chayote (*Climbing Potato*)

Big, pear-shaped greenish fruits, with the crispness of a potato (but not starchy) and a delicate squashlike flavor. This fine vegetable is borne on a perennial ornamental vine which will grow as much as 50 feet in one season. Full sun.

2445-Fruits for planting 50c each.

Pierce California Concord

Similar to Concord, but the berries and bunches are larger and the vine is a stronger grower. It is one of the finest American grapes for California, and if you are going to plant only one black Eastern grape, we suggest this one. You will get a bigger crop from it than you will from Concord. August. 2300.

Isabella

Extremely hardy and one of the most productive of all grapes. The huge berries are glossy blue-black with a thick skin and a musk flavor which many people prefer to that of Concord. The vine is amazingly vigorous and compared with Concord, it has larger foliage and much larger berries produced in bigger bunches. September. 2265.

Little Space-Lots of Fruit

In the small home garden or in the small backyard planting it is sometimes difficult to find space to grow family fruit, but even a little space can bring great returns.

If you like pears, may we suggest you plant the dwarf varieties listed on page 85. Three varieties may be planted in a triangle as close as 3 feet apart and will produce plenty of pears for all of the family.

Grapes and berries provide a wealth of fruit from a small amount of space. Grapes can be easily used to cover an arbor or to train on a fence or wall.

If you are in doubt as to what to plant in that small backyard space, drop in at any one of our salesyards and let our trained nurserymen help you make the proper selection.

Golden Muscat
A Delicious New Hybrid





The New Evans Black Raspberry

Armstrong Berries

Fresh berries in the home garden to be picked as you need them are a joy to all of the family. Berries are easy to grow, particularly these Armstrong tested varieties which will quickly produce heavier crops of bigger, juicier, and better flavored fruit.

Berry Shipping Calendar

The black squares under each month indicate when berry plants can be shipped.

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

Berry and vegetable plants are shipped anywhere in the States at our expense.

Blackberries

Blackberries are easy to grow and hardy almost everywhere. They bear amazing quantities of fruit marvelous for eating fresh and superb for pies, jam or jelly.

Crandall's Early

One of the earliest to ripen, producing unbelievable numbers of medium size, sweet, firm blackberries with few seeds and almost no core. It never fails to bear and will grow under more adverse conditions than any other berry. It ripens in June and July with a lighter fall crop. Plant 5 feet apart in rows 8 feet apart with a trellis or fence for support.

2420—25c each, \$2.00 per 10, \$15.00 per 100.

Texas Wonder

The large, coal-black berries keep and handle exceptionally well. In June the big vigorous plant is literally black with fruit—every berry juicy and full flavored. Plant 4 feet apart in rows 8 feet apart with a trellis or fence for support.

2430—30c each, \$2.50 per 10, \$17.50 per 100.

Himalaya

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 when other kinds are gone. Plant 10 feet apart in rows 8 feet apart on a trellis.

2425—25c each, \$2.00 per 10, \$15.00 per 100.

Youngberry

The big berries are deep wine colored, changing to jet black, with an exquisite piquant flavor. They ripen in May, produce heavily and make marvelous jams and jellies. Plant on wire trellis 6 to 7 feet apart.

2525—Rooted tips, 25c each, \$2.00 per 10, \$15.00 per 100.

Big, Luscious Berries of the New Washington Raspberry



Raspberries

If you select the right varieties, you can grow delicious raspberries, both red and black, in Southern California. They do need a little more water than some of the other bush berries, especially during their ripening season. We know you will be proud of the way these tested varieties will perform for you.

All varieties below: 35c each, \$3.00 per 10 of one variety. 50 or more, same variety, 20c each.

Evans The Finest "Blackcap"

The finest Blackcap Raspberry for Southern California is Evans—best because it does so extremely well in our climate. It produces quantities of jet-black berries which are always juicy and full-flavored—never dry and crumbly. They are sweet enough to eat without sugar and have a rich aromatic flavor you are certain to enjoy. Plant 6 feet by 6 feet and trellis. 2465.

Sodus Purple Raspberry

Great, big, rich purple berries, 4 times as large as the ordinary black raspberry, are borne in enormous sprays. Juicy and sweet, they are filled with that good old raspberry flavor. You will enjoy them with sugar and cream, and they are unexcelled for jam. The young plants grow amazingly fast and will often produce berries the first season if well cared for. 2470.

Sunrise Raspberry

The earliest red raspberry to ripen with us, and a mighty good one, sweet and full flavored. The vines are hung with many clusters of delicious bright red berries over a long period before there are any other raspberries on the market. Sunrise ripens about 2 weeks ahead of Washington and the 2 kinds make a splendid pair, one early and one late. 2475.

Washington Raspberry

This is one of the finest raspberries that we have ever tasted, and it likes our Southern California climate, too. The vines are exceedingly vigorous, ripening big crops. Morning after morning for weeks you can pick delicious garden-fresh berries. We have grown and tested a lot of red raspberry varieties but we think this is one of the very best yet introduced for Southern California. Incidentally, the reports on the new Washington have been mighty good from all raspberry growing areas.

If you want to stretch your season on raspberries and have them early, plant Sunrise in addition to Washington because it will ripen two weeks earlier. 2480.

Thornless Loganberry

The very large, dark, wine-red berries with their rich sub-acid flavor have long been famous for their excellent jam, jellies and juice. The new Thornless Loganberry has fruit even better than the old kind and it is a pleasure to pick them from canes which are absolutely thornless. Plant Pat. No. 82.

2460—45c each, \$4.00 per 10, \$30.00 per 100.

Gooseberry

Oregon Champion

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.

2455-50c each, \$4.50 per 10.

Currant

Perfection

A fine quality bright red currant, with a rich yet mild sub-acid flavor. The plants bear heavy crops wherever conditions are suitable, but they do not bear well in the valleys and coastal regions of Southern California.

2450-50c each, \$4.50 per 10.

Boysenberry

This 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 which brings delight to the heart of a berry grower. Housewives know that they make the very finest pies, jams and preserves. The big, vigorous vines start ripening early—just when berries are most in demand. Boysenberry has proved itself remarkably hardy and adaptable to a wide range of climatic conditions. We think it one of the finest berries that could be grown in California or elsewhere. For home gardens, plant 6 feet by 6 feet. Arrange for irrigation and trellis the second season.

2440—Transplants, 35c each,
\$3.00 per 10, \$20.00 per 100.

2435—Rooted Tips, 20c each,
\$1.75 per 10, \$12.50 per 100.



Gigantic Boysenberry

Armstrong Strawberries

Quantity Rates: 50 strawberries sold at the 100 rate; 500 at the 1000 rate. Please send no orders for less than 25 of a kind of Strawberry other than Rockhill.

Streamliner

How would you like to have huge, luscious, bright red strawberries, brim full of Vitamin C, fresh from your garden almost every day from late spring until late fall? This sensational new everbearing strawberry will provide them and you won't have a long wait because the plants will usually fruit the first season. The berries are deliciously flavored, uniform in size and color, and sugar-sweet.

2520-25 for \$2.50, 100 for \$9.50, 1000 for \$70.00.

Gem Everbearing

Another excellent everbearing variety with big, fine looking berries of excellent quality. Gem bears month after month and will give you berries in abundance until late fall.

2510-25 for \$1.50, 100 for \$4.00, 1000 for \$32.50.

Carolina (Missionary)

Excellent for the hot interior sections, particularly those with sandy poor soil. Plants produce heavily, the big red heartily flavored berries are excellent for the home or market.

2500-25 for \$1.00, 100 for \$3.00, 1000 for \$20.00.

Rockhill No. 24

Unquestionably this is the best of the everbearing types and when you have tasted one of these huge, bright red, honey-sweet berries, you will agree that it is just about the best strawberry you have ever eaten. Rockhill is ideal for the home garden because:

1. It starts bearing early and you can continue to pick fruit until late fall. Not just ordinary fruit but astonishingly large, beautiful, bright red berries with a superb flavor.

2. With Rockhill No. 24 you will almost never find a runner and if you have grown strawberries you know that with ordinary varieties the bed is a mass of runners after the second or third season and production is lessened. The lack of runners makes the plants more expensive, but they are worth it. The best strawberry for growing in jars or barrels.

2515-10 for \$2.00, 25 for \$4.75,
100 for \$15.00.

Blakemore The Reddest Strawberry

Not only is this an excellent berry because of its earliness, quality, and productivity, but the beautiful bright red color does not change after the berries are picked or after they are made into jam. The large, firm, full-flavored berries keep and ship extremely well.

2495-25 for \$1.00, 100 for \$3.00, 1000 for \$20.00.

Dorsett

A splendid commercial or home variety with big, attractive, richly flavored berries. Produces two big crops each season, one in the spring and another in the early summer.

2505-25 for \$1.00, 100 for \$3.00, 1000 for \$20.00.

All orders consisting entirely of bare root material (this includes all berries) are shipped anywhere in the States at our expense.

Lusciously Flavored Berries
of Rockhill 24





Robertson Navel starts to ripen several weeks earlier than the ordinary Washington Navel and starts to bear while much younger.

Robertson Navel Orange

This improved winter-ripening orange is first choice for home planting anywhere in California 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 outbears all other Navel oranges when it is young and continues to produce heavy crops.
3. The Robertson tree usually starts to bear as soon as it is planted.
4. You can pick the fruit 2 to 3 weeks ahead of the Washington Navel, before the heavy winter frosts, or you can pick it as needed.
5. The Robertson Navel is exceptionally valuable as a home fruit because of its consistent bearing, high quality, and the fact that the full grown tree is somewhat smaller than that of the Washington Navel. Plant Pat. No. 126.

- 7240—1-yr., caliper $\frac{1}{2}$ inch up, \$5.00 each, \$45.00 per 10.
 7241—2-yr., caliper $\frac{3}{4}$ inch up, \$5.50 each, \$50.00 per 10.



Armstrong Seedless Orange, when cut in half, shows only the clear juicy flesh with no seeds in evidence. It is the only seedless Valencia Orange.

Armstrong

There is a Difference

You have seen some orange trees loaded down with high quality fruit—the kind of tree that you would like to have on your own place—while others are scrubby and produce little fruit. 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 tree you plant (that is up to us). All of our growing operations are conducted carefully and at the proper time to insure the kind of results that every planter wants.

Quantity Discounts: See page 34 for quantity discounts on citrus in tins. Quantity discounts for balled trees are indicated after each variety. Write for special prices on larger quantities.

When to Plant:

The black squares indicate that you can plant citrus (balled, bare root, or in tins) during any month in the year.

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

Summernavel Orange

No orange is as good as the Navel. Its quality, fine full flavor, and juiciness have made California famous for oranges. Until recently Navel oranges have been available only in the winter and spring. Now you can enjoy the new Summernavel, a beautiful, large, juicy, full-flavored Navel orange, as good as any you have 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 will hang on through August.

Most people prefer the California Navel to all other oranges because they peel so easily and the sections separate readily. The juicy, luscious segments are delicious eaten out of hand or used in a preparation of salads or desserts. The fruit of Summernavel is large, and we don't see how it could be finer in quality. Plant Pat. No. 347.

- 7255—1-yr., caliper $\frac{1}{2}$ inch up, \$5.00 each, \$45.00 per 10.
 7256—2-yr., caliper $\frac{3}{4}$ inch up, \$5.50 each, \$50.00 per 10.

Armstrong Seedless Valencia

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

Like all Valencia trees, the Armstrong Seedless Valencia grows rapidly and vigorously. In appearance the fruit is similar to the ordinary Valencia but it is possibly finer textured, with much less rag and a little better quality. Although an occasional seed may be found, you will have to hunt through hundreds of fruits to find it. You can throw away your orange juice strainer when you have this new Seedless Valencia in bearing. Plant Pat. No. 124.

- 7235—1-yr., caliper $\frac{1}{2}$ inch up, \$5.00 each, \$45.00 per 10.
 7236—2-yr., caliper $\frac{3}{4}$ inch up, \$5.50 each, \$50.00 per 10.

Shipping Weights

Citrus trees are usually supplied with a burlap-wrapped ball of earth on the roots. Balled 1-year trees weigh approximately 40 lbs., 2-year trees 60 lbs. See page 4 for packing and shipping costs and further information. For export or other long distance shipment trees may be specially handled without soil and the roots packed in damp moss.

Be Sure It Is Genuine

Every tree of these Armstrong patented citrus varieties carries a special blue ribbon metal tag indicating the patent number. Unless it does carry such a tag it is not a genuine tree of the variety named.

Citrus Trees

Washington Navel

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. This variety is easily grown in any of the citrus districts of California, but the trees bear best and the fruit is of finest quality in those plantings along the foothills and in the valleys a few miles removed from the coast. The ripening period is from December to April, with the earliest ripening fruit to be found in the San Joaquin Valley and Arizona citrus districts.

7265—1-yr., caliper $\frac{1}{2}$ inch up,
\$4.50 each, \$40.00 per 10.
7266—2-yr., caliper $\frac{3}{4}$ inch up,
\$5.00 each, \$45.00 per 10.

Ruby Blood Orange

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 is fine for any home use. February to May.

7245—Strong trees, \$5.00 each, \$45.00 per 10.

St. Michael Orange (Paper Rind)

This variety was introduced into California about 1870 and has long been a favorite with many planters because of its rich flavor and quality. The small to medium-sized fruit is exceedingly sweet and juicy, being characterized by its very thin smooth peel. Its ripening period is February to May (or between that of the Washington Navel and Valencia). You will have to strain more seeds from the juice but you will certainly find no lack of juice and you'll like the flavor.

7250—Strong trees, \$5.00 each, \$45.00 per 10.

Arizona Planters

Arizona quarantine restrictions prohibit shipment of California grown citrus into that state. However, trees of the improved patented Armstrong varieties can be obtained in Arizona from Mr. H. H. Wasser, Nurseryman, Route 2, Box 217, Phoenix, Arizona.

Grapefruit

Grapefruit can be grown with little care in most of Southern California, and each year the family consumption is rising for both the juice and the fruit are unexcelled for providing those "top of the morning" vitamins. There is a great deal of difference in the strains of Marsh Seedless Grapefruit but we are confident that the buds from which Armstrong trees are grown are from the heaviest producing and best types now available.

Marsh Seedless

This is the best variety of grapefruit for California and Arizona. The fruit is large, almost seedless, with a thin rind, abundant juice, and exceptionally fine flavor. The vigorous tree bears very heavily. Grapefruit are always thinner-skinned, sweeter, and ripen earlier in the inland desert sections than nearer the coast. Marsh Seedless is the best everywhere. Ripens December to May in the desert; May to August near the coast.

7155—1-yr., caliper $\frac{1}{2}$ inch up,
\$4.50 each, \$40.00 per 10.
7156—2-yr., caliper $\frac{3}{4}$ inch up,
\$5.00 each, \$45.00 per 10.

Valencia

The best summer orange the world over is the Valencia. It begins to ripen in May and you can pick fresh fruit filled with rich healthful juice almost every day throughout the summer and fall months. The medium-sized fruit is juicy and sweet, with few seeds, and the tree becomes one of the largest of all citrus varieties. You can be sure that most of that delicious juice that you drank during the summer months came from the Valencia. It is the variety most in demand for the manufacture of various orange by-products such as pectin, concentrated juice, and essential oils. If you want your orange juice absolutely seedless grow the new Armstrong Seedless Valencia described on the opposite page. April to October.

7260—1-yr., caliper $\frac{1}{2}$ inch up,
\$4.50 each, \$40.00 per 10.
7261—2-yr., caliper $\frac{3}{4}$ inch up,
\$5.00 each, \$45.00 per 10.

Calamondin *For Hundreds of Fruits*

This is a beautiful densely foliated, tall, slender, citrus tree from the Philippine Islands, probably the most resistant to cold of all our edible citrus fruits. It bears great quantities of little brightly colored fruits, reddish orange inside and out, with an excellent flavor. It is quite "different" and with more juice to the square inch than any other citrus fruit we know of. A delightful marmalade can be prepared from the fruit and the juice is superb in drinks. The tree makes a splendid ornamental with its handsome foliage and compact habit, not to mention the abundance of the little orange fruits which cover it many months out of the year. The snowy white blossom is among the largest and most sweetly scented of all citrus blooms.

7140—Gal. tins, \$1.25. 7141—5-gal. tins, \$4.00.

Kumquat

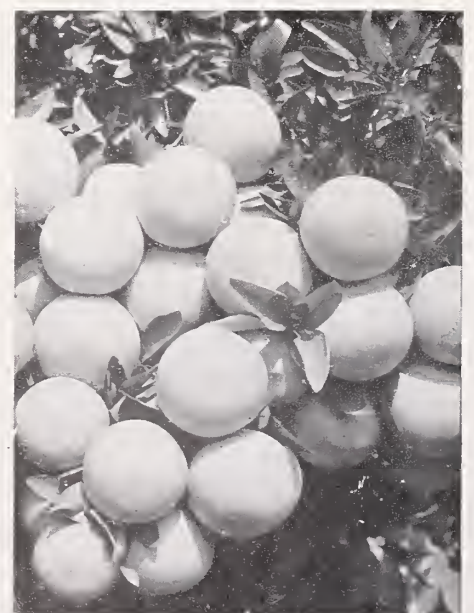
This semi-dwarf tree has a great abundance of small, golden orange, olive-shaped fruits scattered over a rounded head of deep green foliage during most of the year. The tree seldom becomes more than 8 feet high, bears almost immediately after planting, and is perfectly hardy almost anywhere in California. It does not bear well within ten miles of the seacoast. While it is quite resistant to cold weather, it also likes considerable summer heat to produce good crops. Unless you have tested Kumquat marmalade or candied Kumquat fruits, you have not yet eaten some of the finest citrus delicacies in existence.

7145—2-yr., caliper $\frac{1}{2}$ inch up, \$6.00 each, \$55.00 per 10.



Calamondin Tree is About 10 Ft. High and Carries Literally Thousands of Fruit.

Marsh Seedless Grapefruit On a Young Armstrong Tree



Ruby

This is a new seedless red grapefruit which, in desert sections, has the most beautiful bright red flesh imaginable. The red color even shows through, providing the skin with an attractive blush. This ruby-red color is much deeper and more pronounced than that of the Thompson or Pink Marsh Seedless, well known to many. In areas nearest the coast like all other red grapefruit, it shows very little color but, in quality, it is equal to the Marsh Seedless and no matter where you plant it, it is the newest and best in grapefruit. Plant Pat. No. 53.

7160—1-yr., caliper $\frac{1}{2}$ inch up,
\$5.00 each, \$45.00 per 10.
7161—2-yr., caliper $\frac{3}{4}$ inch up,
\$5.50 each, \$50.00 per 10.

Armstrong Lemons

There are so many uses for lemons that no home garden should be without a tree. Most lemon varieties are not as hardy as orange trees, but for home use may safely be planted anywhere in California except in the cold interior or northern districts. The Meyer Lemon is hardy almost everywhere.

Meyer Lemon

The Meyer, sometimes called Chinese Dwarf Lemon, is the ideal home lemon tree. It does not freeze even in severe California frosts and it ripens fruit through most of the year—fruits that are orange-colored, bigger, and juicier than the average lemon which make the finest lemon pie you ever tasted. The tree is beautiful in appearance, has the biggest and most fragrant citrus blooms (not white but pink), and grows easily anywhere in California from the coast to the hottest desert valleys. The Meyer thrives also in the other Southwest and Southern States. It is not a commercial variety because it is too thin-skinned and juicy to stand shipping well. Starts bearing at a very early age and even while the tree is small, it will be hanging full of beautiful pale orange fruits. Extremely useful as a single tree, for a hedge or as a pot plant. 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.

- 7170—Bush form, gal. tins, \$1.00. 7171—Bush form, 5-gal. tins, \$3.50.
 7172—Trellis, 5-gal. tins, \$5.50. 7176—Bush form, tubs, \$5.50.
 7174—Tree form, 1-yr., caliper $\frac{1}{2}$ inch up, \$4.50 each, \$40.00 per 10.
 7175—Tree form, 2-yr., caliper $\frac{3}{4}$ inch up, \$5.00 each, \$45.00 per 10.

Eureka Lemon

The California lemon industry is largely founded on the Eureka which for years has been the leading lemon for both commercial and home planting. The medium-sized fruit is of the highest quality, the seeds are few and the juice is abundant. Unlike some lemon trees that of Eureka is almost thornless, and it is particularly valuable because it ripens fruit continuously throughout the year. Usually the biggest portion of its crop ripens in the summer when the demand is greatest. The tree bears heavily and starts producing fruit while very young.

- 7165—1-yr., caliper $\frac{1}{2}$ inch up, \$4.50 each, \$40.00 per 10.
 7166—2-yr., caliper $\frac{3}{4}$ inch up, \$5.00 each, \$45.00 per 10.

Pink-Fleshed Lemon

The quality and flavor of this variety is very similar to the Eureka, except that the foliage is variegated in many shades of pink, green and white. Astonishingly, the fruit is striped green and white on the outside and yields a rich pink juice.

- 7180—Gal. tins, \$1.25. 7181—5-gal. tins, \$4.00.
 7182—Strong trees, \$5.00 each, \$45.00 per 10.



Blossom and Fruit of the Hardy Meyer Lemon

Villa Franca Lemon

This Rosenberger Strain of the famous Villa Franca was discovered in the Upland lemon district and distributed by the Armstrong Nurseries. It is a valuable variety because of the exceptionally large vigorous trees and abundant production. The crops are extremely heavy, the fruit of high quality, and it does not sunburn in hot weather. A high degree of resistance to cold is another factor which has made this variety very popular with the commercial growers. Fine for replanting because of its rapid growth.

- 7191—2-yr., caliper $\frac{3}{4}$ inch up, \$5.00 each, \$45.00 per 10.

Ponderosa Lemon

If you want lemons that are really big, and we mean big (12 inches in circumference), this variety will provide them. You will not have to wait long either because the dwarf tree starts producing right now. With the exception of the Meyer Lemon, the small tree of Ponderosa is harder than that of other lemons.

- 7185—Gal. tins, \$1.25. 7186—5-gal. tins, \$4.00.

The Piquant Limes

The Bearss Seedless is the most popular lime grown in California. An ideal lime for the home planter because of the heavy crop and the attractive glossy-foliaged tree.

Everybody knows that limeade is one of the most delicious and refreshing of all drinks. Lime trees grow rapidly and bear soon after planting. They are, however, more susceptible to frost than other citrus fruits.

Bearss Seedless Lime

The most widely planted of all limes for both home and orchard. It produces heavy crops of beautiful, seedless, highly acid fruits with a rich lime flavor. Most of its fruit ripens in the summer when limes are most in demand. The vigorous, glossy-foliaged tree is almost thornless. It makes a handsome tree in the home planting, usually loaded with fruit.

- 7197—1-yr., \$5.00 each, \$45.00 per 10. 7198—2-yr., \$5.50 each, \$50.00 per 10.

Mexican Lime

The small, light green, oval fruit, strongly acid and richly flavored, is just the right size for one drink of ade. The semi-dwarf trees bear extremely heavy crops throughout the year but are thorny and slightly more tender to frost. The Mexican Lime is particularly valuable if you are short of room and our cutting-grown trees will remain dwarf.

- 7200—Gal. tins, \$1.50.

Rangpur Lime

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—even the flesh is orange. It is the most resistant to cold of all the limes that we grow, and it has some of the most beautiful, big, white, fragrant blossoms that you have ever sniffed. A splendid combination fruiting ornamental particularly valuable for colder sections.

- 7205—Gal. tins, \$1.25. 7206—5-gal. tins, \$4.00.



Armstrong Tangelos

The tangelos are hybrids between the tangerine and the grapefruit. They are easily grown, bear very heavy crops at an early age and are just as hardy as oranges.

All varieties, 2-yr., caliper 1/2-inch up, \$5.50 each; \$50.00 per 10 of one variety.

Minneola

This fine new variety promises to be one of the very best for Southern California. It has done wonderfully well in such widely scattered locations as Los Angeles, Riverside, and Coachella Valley. In each case the large, glossy-skinned, reddish orange fruits are juicy, tender, and of the highest quality. Many citrus varieties produce poor quality fruit and little of it under coastal conditions, but Minneola seems to be outstanding there as well as in inland sections. 7270.

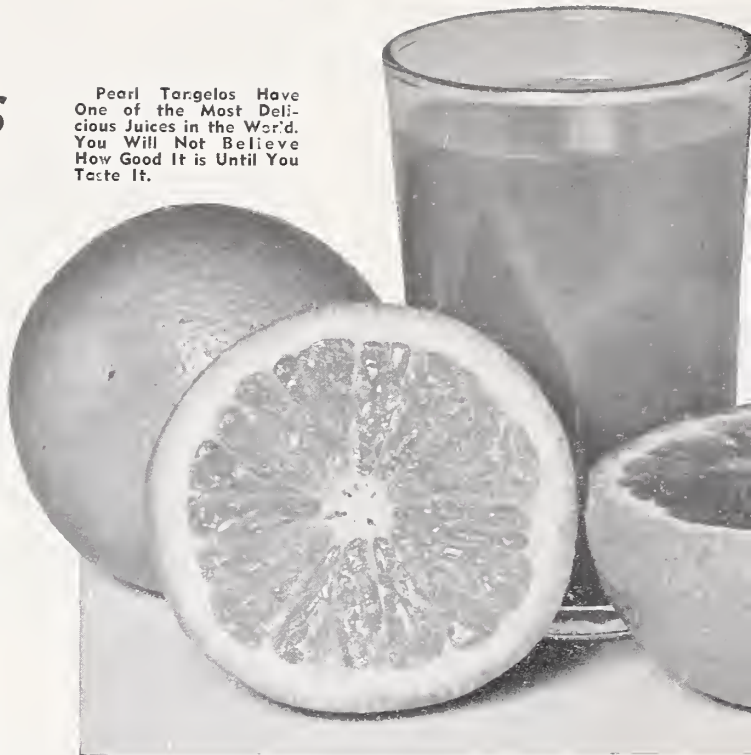
Pearl

This is one of the most delightful citrus juice fruits of all. The medium sized, rounded yellow fruits ripen earlier than Sampson or Minneola, and one tree of each variety will give you delicious tangelo juice over half the year. Pearl makes a beautiful ornamental tree with long, dark green, willow-like branches densely clothing the tree. December through March. 7275.

Sampson

The golden yellow, glossy-skinned fruits are filled with a delicious orange-red juice which combines most delightfully the zestful tang of the grapefruit and the sweet sprightliness of the tangerine. In our opinion this variety has one of the most delicious juices to be found in citrus fruits. Colors up early in the winter, but will become sweeter and better if allowed to stay on the tree until late winter or spring. February to May. 7280.

Pearl Tangelos Have One of the Most Delicious Juices in the World. You Will Not Believe How Good It is Until You Taste It.



Armstrong Mandarin Oranges

The Mandarin Oranges (some of them are usually called tangerines) are splendid fruits for home planting because of their heavy crops of sweet, juicy, uniquely flavored fruit which everyone likes. What a pleasant source of vitamins they are!

Kara

This variety and Kinnow below were both originated by Dr. Frost of the University of California. The beautiful rich orange flesh of Kara, 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 it tastes better than most citrus juices do taken straight. Kara and Kinnow have an entirely new flavor in citrus fruits, a flavor unbelievably delicious. Both kinds bear their largest fruit in the warmest interior valleys, the fruit becoming smaller toward the coastal regions. February to April.

7220—2-yr., caliper 1/2 inch up, \$5.50 each, \$50.00 per 10.

Kinnow

These smooth-skinned, glossy, yellowish orange fruits are a little smaller than the Kara, but they lack nothing in quality and the tree is better looking. The well shaped and handsomely foliaged tree produces great quantities of delicious fruit, each one brimful of rich juice. Fifty percent of our customers prefer Kara, and the other fifty percent Kinnow, so we will let you decide. If it is a particularly good looking tree you want, we suggest that you plant Kinnow. January to May.

7225—2-yr., caliper 1/2 inch up, \$5.50 each, \$50.00 per 10.

Satsuma (Owari) Orange

The big, flat, loose-skinned, deep orange fruits are sweet and juicy, and practically seedless. The melting flesh is delicious indeed. The dwarf spreading tree seldom exceeds 8 ft. and it is the hardiest orange that we grow. Ripening before other citrus, Satsuma will provide you with fruit for Christmas. November to January.

7230—2-yr., caliper 3/8 inch up, \$5.50 each, \$50.00 per 10.

Dancy Tangerine

Most of the tangerines you buy in the market are of this kind because it's an old variety which has been planted commercially for many years. Large, handsome, thin-skinned, orange-red fruits, borne on a big, vigorous, heavy producing tree.

7215—2-yr., caliper 1/2 inch up, \$5.50 each, \$50.00 per 10.

Clementine Tangerine (Algerian)

The sweet, delicious, medium-sized fruit is rich red in color and the tree is one of the most beautiful of all citrus trees. It does well in all sections and will fruit before Christmas in the Coachella and Imperial Valleys.

7210—2-yr., caliper 1/2 inch, \$5.50 each, \$50.00 per 10.



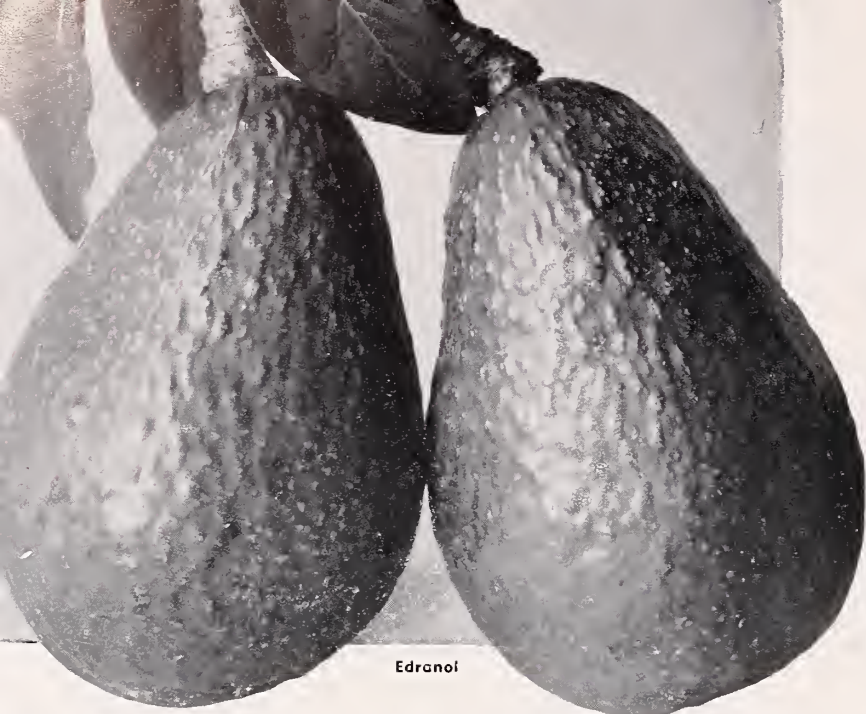
Eustis Limequat

This cross between the lime and the kumquat produces fruit that resembles a light yellow lime and its thin-skinned, firm, very juicy, almost seedless fruit is delicious when used like the lime for beverage purposes. Even the skin is sweet and edible. The little tree produces fruit almost immediately after planting and the arching branches are lined with the beautiful yellow fruits. Hardier than most limes.

7150—2-yr., \$6.00 each, \$55.00 per 10.

All-Year Juice

By planting only several citrus varieties you can have breakfast juice from your own fruit the year round—a pleasant change in flavors, too.



Edranol

Armstrong

Not only do you get a large quantity of beautiful useful fruit from an avocado tree on the home place, but you get a beautiful ornamental shade tree as well. Avocados can successfully be grown in many parts of California, and you can pick out kinds that will give you fruit during the entire year. See table below.

Quality Trees

We don't see how better avocado trees could be grown for your planting and when you see them we think you'll agree. Because every seedling is carefully chosen, and the utmost care is used in the selection of the buds, and because no effort or expense is spared in the growing, you get a larger and better tree at Armstrong than is generally found elsewhere. Our annual block of avocado trees, grown under the direction of Mr. L. E. Nigh, is always a beautiful sight.

Sizes

Our avocados are strong 1-year trees of heavy caliper, most of them 4 to 6 feet in height. Every salable Armstrong tree must be 3 feet or more in height.

When to Plant Avocados

The black squares indicate the months for planting Avocados. The spring months are slightly preferable.

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

Shipping Weights

Avocado trees are delivered with a ball of earth on the roots and they will average 55 lbs. each packed for shipment. See page 4 for data on shipment of balled trees. Special arrangements may be made to ship avocado trees for export or over greater distances with bare roots packed in moss and with the tops pruned back.

Avocados Every Month in the Year

Avocado varieties vary considerably in their adaptation to different climatic conditions in Southern California and there are some variations in the 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. Opposite each month are listed the varieties which usually ripen their fruit during that month in that particular zone.

Zone 1 is the Southern California Coastal Belt, from Santa Barbara to San Diego.
Zone 2 includes Monrovia, La Habra Heights, Whittier, Tustin, Fullerton, La Mesa, Escondido, Fallbrook, Vista and foothills of Santa Barbara and Ventura Counties.
Zone 3 is the Interior Belt from Pomona, east and from Corona, north; also Northern California. (Note minimum temperatures.)

	ZONE 1		ZONE 2		ZONE 3	
Jan.	Fuerte Jalna		Fuerte Jalna	Zutana	Fuerte Jalna	Zutana
Feb.	Fuerte		Fuerte		Fuerte	
Mar.	Fuerte		Fuerte		Fuerte	
Apr.	Fuerte		Fuerte		Edranol Fuerte	Ryan
May	Edronal Hazzard	Ryan	Edronal Graham	Hass Ryan	Edronal Hcss	Ryan
June	Anaheim Edronal Hass	Hazzard Ryan	Anaheim Edronal Graham	Hass Ryan	Edranol Hass Ryan	
July	Anaheim Edranol Hass	Hazzard Ryan	Anaheim Edranol Graham	Hass Ryan	Edranol Hass Ryan	
Aug.	Anaheim Hass Hellen	Mexicala Ryan	Anaheim Hass Hellen	Mexicala Ryan	Hass Mexicala Ryan	
Sept.	Hcss Hellen	Mexicala Ryan	Duke Hass Hellen	Mexicala	Duke Hass Mexicala	
Oct.	Mexicala Hellen	Hass	Duke Hellen	Mexicala	Duke Mexicala	
Nov.	Jalna		Jalna	Zutano	Jalna	Zutano
Dec.	Fuerte Jalna		Fuerte Jalna	Zutano	Fuerte Jalna	Zutano

They're Easy to Grow

Avocado trees are easy to grow and will start readily if you follow the simple rules contained in the planting instructions which we send with your trees.

Hardiness

The minimum temperatures given after each variety are approximate only, since damage from frost varies greatly according to condition of the tree, time of year, and the location. Newly planted trees cannot be expected to withstand the minimum temperature indicated for the variety, and as a precaution should be given winter protection until they have become well established.

Duke—A Good Hardy Avocado Bearing Crops Like This



Avocados

Anaheim

A favorite with growers because it is probably the most prolific bearer of all varieties. The attractive oval, glossy green fruit is large and uniform in size. Although it is not of superb quality, it is a good market variety and profitable because of the extremely heavy crops. Its tall, slender habit of growth makes Anaheim valuable for inter-planting or for home planting where space is limited. Especially good in coastal or adjacent areas. May to August. 28°.

7300—\$6.00 each, \$55.00 per 10.

Duke

For Interior Valleys

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. A mild, pleasant flavor and smooth, clear flesh. Any surplus sells well on the local market 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 foliated. It is not a good bearer in the coastal districts, and does not always set a full crop each year in other areas, nevertheless it is one of the fastest growing trees of any avocado variety and for a large home shade tree in the interior areas it is unexcelled. Ripens September-October. 22°.

7305—\$6.00 each, \$55.00 per 10.

Edranol

The exceptionally delicious, rich nutty flavor of the medium sized, dark green, pear-shaped fruits prompts everyone who eats it to enthuse over it. The flesh has a beautiful, smooth, buttery appearance, with no fiber and no discoloration when fully ripe. The seed is small so that you get more fruit for your money. Edranol 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 where space is limited. In most districts where it has been planted, the tree starts to bear when young and continues to bear heavily every season. It has done best in the interior regions, showing some bearing deficiencies in the coastal regions of San Diego, Los Angeles, and Ventura Counties. It is considerably harder than most other "thick-skins" and because of its exceptionally fine quality, it has a permanent place among the top avocados. May to August. 26°.

7310—\$6.00 each, \$55.00 per 10.

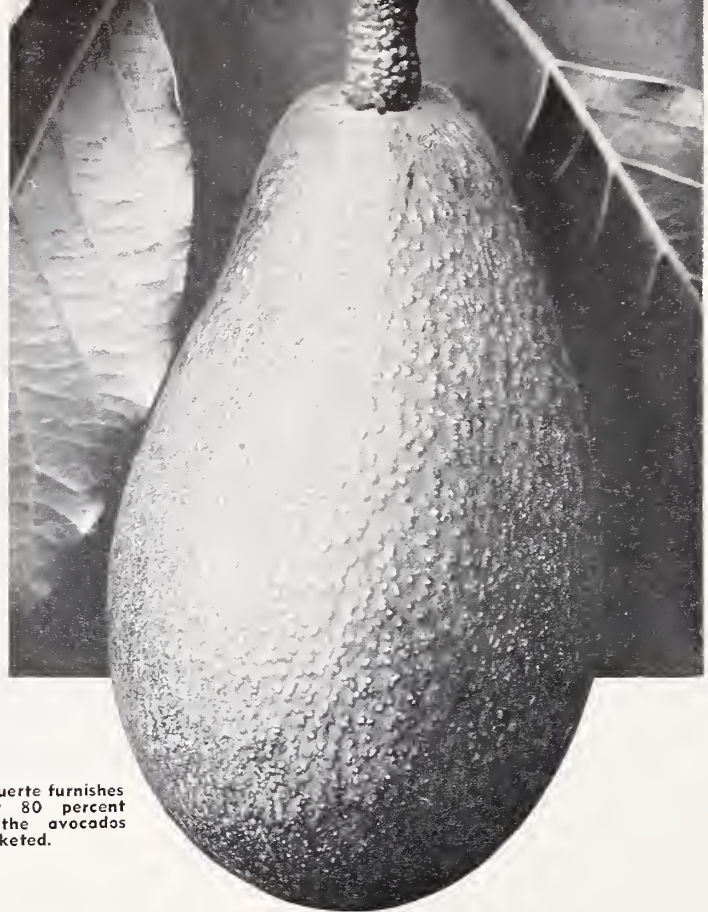
Fuerte

The Leading Commercial Kind

For many years Fuerte has been the finest avocado for commercial or home planting in California. Because of its high quality, heavy production, good marketability, winter ripening season, and frost resistance, no variety exceeds it. According to market reports published by the Calavo Association; over 80 percent of the avocado fruit marketed last year was the Fuerte variety. Fuerte is being grown successfully in all avocado districts, but produces best in the foothill areas intermediate between the coast and hottest interior valleys. The fruit is elongated, pear-shaped, medium sized, with a smooth green leathery skin and creamy yellow, buttery flesh—exceptionally fine in quality. The tree is large and spreading, rather than upright, and it makes a very attractive ornamental. Its spreading habit and tendency to grow low to the ground makes it ideal for screening out an undesirable view. The fruit ripens from late fall until early spring, and hangs on a long while after maturing. Although not as hardy as the thin-skinned Mexican kinds, Fuerte is considerably harder than most avocados and adaptable to a wider growing area. We have checked many new strains of Fuerte, but do not believe that there is any better than the Newman strain which we grow. Ripens December to May. 24°.

7315—\$6.00 each, \$55.00 per 10.

Write for special prices on quantities of 50 trees or more.



Fuerte furnishes over 80 percent of the avocados marketed.

Graham

Here is a new avocado variety which has impressed us very favorably. Since it has not been tried out except in the Whittier-La Habra section, we are recommending it for trial planting only. It is a medium to large size, pear-shaped, green fruit, ripening in the spring months with an extraordinarily fine flavor—rich, nutty and delicious. Another unusual characteristic of the variety lies in its ability to seal over cut portions of the fruit so that the flesh keeps perfectly for several days without loss of color or flavor. The texture of the flesh is smooth and buttery without fiber, and with a bright clear color. The attractive tree is tall, slender and upright, and it bears young and heavily. We think it one of the most promising new avocados. Plant Pat. No. 662. 26°.

7320—\$6.00 each, \$55.00 per 10.

Typical Armstrong Avocado Trees in the Nursery Row
Mr. L. E. Nigh has supervised the propagation of every Armstrong Avocado tree for 35 years.



Avocados

Hass

The Big Producer

This medium size, purplish black avocado has jumped to the fore in the past several years and is now probably the leading summer-ripening commercial avocado, particularly in the coastal and foothill areas. The fruit has a rough skin, is elongated oval in shape, and is fine-flavored and generally high in quality. It has one of the longest ripening seasons in avocados, fruit maturing from May through October. An extremely heavy bearer in almost all sections, not only once in a while but every year. Since its introduction, the Calavo Society has been rating it higher each year. Now it is near the top of the list of recommended varieties. Plant Pat. No. 139. 26°.

7325—\$7.50 each, \$70.00 per 10.

Hazzard

Quality and flavor are the middle names of this new green pear-shaped avocado, the fruit of which weighs from 12 to 16 ounces. It has not been planted widely enough to determine its commercial possibilities, but we can definitely recommend it as a good home fruit. It is certainly one of the best avocados that we have ever eaten, and the tree is one of the most beautiful that we have ever seen. It seems to have done particularly well in the Ventura County foothill district. Ripens April to July. 27°.

7330—\$6.00 each, \$55.00 per 10.

Hellen

This new variety certainly does produce well and without delay. You are likely to have some fruit the first year after you plant. It is a pear-shaped fruit of 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 market. The big spreading tree is one of the fastest growing and largest of all avocado trees. It has performed well in the coastal districts and is probably good in all foothill districts. Ripens August to October. 26°.

7335—\$6.00 each, \$55.00 per 10.

Mexicola

The hardiest avocado on our list and one which can be counted upon to bear consistently. You don't have a long wait for fruit either because it nearly always fruits the second year after planting. The small oval fruits are shiny purplish black and of excellent quality. The tree is large, spreading, and vigorous, and it will stand plenty of heat, cold, and wind. Mexicola bears enormously in all areas. August to September. 19°.

7345—\$6.00 each, \$55.00 per 10.

The avocado makes a beautiful daaryard shade tree because of its handsome evergreen foliage and attractive appearance. You can select a variety which makes a big spreading tree or a kind which makes a small, slender tree, according to your needs.



John S. Armstrong, President of the Armstrong Nurseries, admires a cluster of Jalna produced on a young Armstrong tree of that variety.

Jalna

A new thin-skinned Mexican variety with green pear-shaped fruits of splendid quality. Wherever we have observed it the trees have borne heavy crops and the tree is one of the most beautiful of all avocados in appearance—spreading, symmetrical, with handsome luxuriant foliage. We are quite enthusiastic about this variety because we have seen many 2 or 3-year-old trees literally hanging full of beautiful fruit, and we never fail to enjoy the fine quality and flavor. It has little competition in the early winter-ripening season. November-December. 22°.

7340—\$6.00 each, \$55.00 per 10.

Ryan

Bears Consistently

This fine variety supplies a medium sized, pear-shaped, green fruit to ripen after the Fuerte season is over. It is one of the heaviest and most consistent bearers yet discovered in avocados. The trees will produce high quality fruit over a wider area and under more varying conditions than any other avocado of comparable quality. The big spreading tree is a vigorous grower, symmetrical in shape, and exceedingly attractive. The fruit is of very good quality, and its summer-ripening period together with its unusual resistance to frost, makes it a most valuable kind for both home and commercial orchard planting in nearly all areas. Ripens May to October. 26°.

7350—\$6.00 each, \$55.00 per 10.

Zutano

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 fruit is light green, averaging about 9 ounces, pear-shaped with a comparatively thin skin, and a fine rich nutty flavor. It is considerably above the average variety in hardiness, and according to reports, bears consistently and heavily everywhere. Its Spanish name means "Such a one", and although it is comparatively new, it promises to live up to its name. Ripens November to January. 26°.

7355—\$6.00 each, \$55.00 per 10.

Armstrong avocado trees are on display at all Armstrong salesyards throughout much of the year. Come in and discuss with our expert nurserymen your variety needs.





Subtropical Fruiting 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 some on vines. Many of them are quite ornamental and serve the double purpose of providing unusual fruit and unusual good looks. The Armstrong Nurseries for years have specialized in growing the best of these unusual fruiting plants and is constantly testing new kinds.

The temperature minimums indicated are approximate since the size and condition of the plants, the duration of below normal cold spells, and other factors influence the relative resistance to cold.

Shipping Weights: The average shipping weight of subtropicals in 5-gal. tins is about 50 lbs. each; balled trees 50 lbs. each; gal. tins, 10 lbs. each. For approximate shipping costs see page 4.

The black squares under each month indicate that you can plant subtropicals during any month in the year (spring months slightly preferable).

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

Guava—Fine to Eat Fresh, Famous for Jelly

Armstrong Guavas

For eating fresh and for jelly the Cattley and Yellow Cattley 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 as well. Fruit ripens September to November.

Cattley Guava (Strawberry Guava)

The handsome glossy-leaved medium sized shrub is hardy and can be grown in most of California. It produces an abundance of luscious deep red fruits about the size of a large strawberry, highly prized for eating when fresh and unequalled for jelly. If you have a clump of 2 or 3 planted as ornamental shrubs or a short hedge of Cattley plants, not only will you have something which is exceedingly beautiful all through the year, but which will provide you with a great abundance of delicious fruit for eating or for making the finest jelly you have ever tasted. 5 to 8 ft. 22°.

5695—Gal. tins, \$1.00. 5696—5-gal. tins, \$3.50.

Yellow Cattley Guava (Yellow Strawberry Guava)

If you want plants of a little larger size, with slightly larger foliage, and yellow fruits a bit larger and a little milder in flavor, then this is the variety to plant. Some people prefer the milder flavor in the fresh fruit and it makes marvelous jelly, too. 24°.

5715—Gal. tins, \$1.00. 5716—5-gal. tins, \$3.50.

Tropical Guava (Lemon Guava)

Very large fruits as big as a pear, with a rather strong flavor. Grows rapidly to 6 or 8 feet, has large, light green leaves, and does best in areas with considerable summer heat. This type is the most potent source of vitamin C in fruits. 26°.

5710—Gal. tins, \$1.00.

Grafted Feijoas

A bowl of big, green, Armstrong Feijoas will fill a room with a delightful aroma suggestive of a combination of pineapples, strawberries, and bananas all mixed together. The fruit is just as appetizing as the aroma promises and it makes some of the most tasty salads and sherbets imaginable. The plant is really handsome with its silvery green foliage, showy red spring flowers, and an abundance of fruit in the fall. These large-fruited grafted varieties which we offer should not be compared with ordinary seedlings, which usually bear small fruit or none at all. The feijoas are one of the most hardy of all subtropicals and will grow easily almost anywhere in California.

Choiceana

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.

5525—Gal. tins, \$1.25. 5526—5-gal. tins, \$4.00.

Coolidge

A long oval fruit not quite as large as Choiceana or Superba, but which never fails to bear a crop even when planted by itself.

5530—Gal. tins, \$1.25. 5531—5-gal. tins, \$4.00.

Superba

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

5535—Gal. tins, \$1.25. 5536—5-gal. tins, \$4.00.

Coolidge Feijoa



Subtropical Fruits

Carissa grandiflora

A lovely large shrub from South Africa, uniquely beautiful in flower, fruit, and foliage. The rich glossy dark green leathery leaves make a splendid background for the intensely fragrant white blossoms and the brilliant scarlet fruits. The plant blooms most profusely in the early spring, but continues to flower throughout the year so that the tiny fruits and starlike flowers appear simultaneously. The plant naturally grows to a height of 6 or 8 feet with the same spread, but it may easily be pruned to any desired shape. In fact, the oftener the plant is trimmed the thicker and more attractive it becomes. The fruits are edible and particularly fine for use in making preserves. They make a delicious jam suggestive of cranberry sauce. The plant is not particular in its soil requirements and it will thrive in the extreme heat of the desert, or the cool moist weather of the coast—wherever the temperatures do not often drop below 26°.

5045—Gal. tins, \$1.25. 5046—5-gal. tins, \$4.00.

Carissa Alles

This is a fine selected strain of the Carissa which has fruit half again as large as Carissa grandiflora. The beautiful, big, scarlet fruits make a show on the plant and in a bowl. The leaves and the entire plant are a little larger, too. The fruits ripen continuously, especially near the coast.

5040—Gal. tins, \$1.25. 5041—5-gal. tins, \$4.00.

Beauty-Fruit-Shade

If you want something really different in your ornamental planting, there is a wealth of unusual subjects to be found among these subtropical trees. Not only are they the equal in beauty of many commonly planted ornamental trees, but they will provide very useful fruit as well. Those of you who are not familiar with the exotic flavors to be found in some of these subtropicals have a real treat in store for you when you taste your first fruit. The Macadamia Nut, for example, is a very beautiful tree, with large toothed leaves remaining evergreen throughout the year. Best of all, it will bear immense crops of superbly flavored nuts. Not only does the Sapote make a very handsome spreading evergreen shade tree, but it ripens very delicious fruit over a long season. A smaller ornamental tree is the Loquat, with its fine fruit. Guavas are splendid for hedges. Olives, Cherimoyas, the Carissa, and others are all worth-while ornamentals.

Manzanillo Olive



Brilliant Scarlet Fruits, Handsome Foliage, and Fragrant Jasmine-Like Flowers of the Carissa

California's Famous Olives

Olives will do well almost anywhere in California, thriving with a minimum of care and water. From northern Sacramento Valley down to Old Mexico, olives are one of California's best paying orchard crops. Pickled olives, both ripe and green, and olive oil made from California olives are greatly in demand and, best of all, our western climate gives this state almost a monopoly on domestic olive production.

Ornamental Planting

For ornamental planting we have 5 to 6-foot trees of Manzanillo and Mission established in 5-gal. tins, unpruned. Also large boxed specimens available at \$40.00 to \$50.00. See page 34 for quantity rates on olives in 5-gal. containers. No quantity discount on boxed specimens.

Orchard Planting

Olive trees for commercial orchard planting are field-grown and are furnished bare root. They should be planted from February to June for best results. The following quantity discounts apply on 10 or more bare root olive trees of the same variety. Only the per tree rate is indicated after each variety below.

Each Price	Per 10	Each Price	Per 10
\$2.25	\$20.00	\$3.00	\$27.50
2.50	22.50	3.25	30.00
2.75	25.00	3.50	32.50

Write for special prices on larger quantities.

Olive Varieties

Ascolano. It is one of the largest olive varieties grown in California. The big, oval, wine-colored fruit makes a wonderful pickle.

1939— $\frac{1}{2}$ -inch caliper up, \$2.75.

Manzanillo. This variety leads all others for commercial pickling in California. It is fine for oil production also.

1940— $\frac{3}{8}$ to $\frac{5}{8}$ -inch caliper, \$2.25.

1942— $\frac{3}{4}$ to 1-inch caliper, \$2.75.

6211—5-gal. tins, \$4.00.

1941— $\frac{5}{8}$ to $\frac{3}{4}$ -inch caliper, \$2.50.

1943—1-inch caliper up, \$3.00.

6212—16-inch box, \$17.50.

Mission. A well-known variety introduced by the Spanish Padres. In fact, trees of this variety are still bearing fruit in some of the old missions of California. The tree is a very handsome ornamental, the fruit is very good for pickling, and the best of all for olive oil.

1945— $\frac{1}{2}$ to $\frac{5}{8}$ -inch caliper, \$2.25.

1947— $\frac{3}{4}$ to 1-inch caliper, \$2.75.

6216—5-gal. tins, \$4.00.

1946— $\frac{5}{8}$ to $\frac{3}{4}$ -inch caliper, \$2.50.

1948—1-inch caliper up, \$3.00.

6217—16-inch box, \$17.50.

Sevillano. The famous "Queen Olive", gigantic in size and exceptional in quality. The trees are difficult to propagate, hence are priced somewhat higher than those of other varieties.

1950— $\frac{1}{2}$ to $\frac{5}{8}$ -inch caliper, \$2.75.

1952— $\frac{3}{4}$ to 1-inch caliper, \$3.25.

1951— $\frac{5}{8}$ to $\frac{3}{4}$ -inch caliper, \$3.00.

1953—1-inch caliper up, \$3.50.

Armstrong Cherimoyas

The Cherimoya is now grown throughout the semi-tropical climates of the world, and everywhere it is highly prized for the unique, large, green, heart-shaped fruits, some as much as three pounds in weight. The delicious, smooth, white flesh has the consistency of ice cream and is particularly welcome for it ripens in winter when fruits are scarce.

Cherimoya trees are fast growing, and require about the same treatment as a citrus tree. They grow quickly to a height of from 12 to 20 feet and come into bearing in about three years. They are easy to pick and handle. Hand-pollination insures bigger crops (our salesmen will tell you how to do it). Balled Cherimoya trees weigh approximately 60 lbs.

Ott A New Consistent Producing Kind

The original tree of this variety at Whittier, California, has never failed to produce a large crop without hand-pollination. In fact, it has been one of the most consistent producers of large crops that has come to our notice. The big green fruits are smoother, with greater uniformity of shape than most other Cherimoyas and the skin has the unique characteristic of peeling away from the flesh easily. The variety has a high sugar content, and a sweet, full-bodied flavor that will please the most jaded appetite. We think this is one of the best Cherimoyas that can be grown in California. Plant Pat. No. 656. 26°.

3650—Balled, 1-yr. trees, \$7.50 each, \$70.00 per 10.

Deliciosa

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 curious protuberances on the fruit which distinguish this variety do not in the least affect its value as a splendid home fruit. 25°.

3645—Balled, 1-yr. trees, \$7.00 each, \$65.00 per 10.

Chaffey

If you live near the coast, you can be sure that you are planting one of the very best for your section with this new variety. It stands out because of the heavy crops which it has produced in that area. The fruit is handsome and the flavor excellent. 26°.

3640—Balled, 1-yr. trees, \$7.00 each, \$65.00 per 10.

Dr. White

This is one of the newer Cherimoya varieties and one of the best. The fruit is better looking than that of most other Cherimoya varieties, contains fewer seeds, and it is as fine in flavor as any Cherimoya that we have ever tasted. Consistent and heavy bearer in most locations. 26°.

3655—Balled, 1-yr. trees, \$7.00 each, \$65.00 per 10.

Armstrong Loquats

The Loquat is hardier than most other subtropical fruit trees and thrives almost anywhere in California except in the mountains and desert regions. The fruit ripens in April and May when other fruits are scarce, and has a sprightly aromatic flavor which everyone enjoys. Loquat jelly is just about the most delicious thing of its kind. With its big, broad, shiny foliage, the Loquat makes a splendid small spreading evergreen tree for ornamental purposes.

Advance. Large, pear-shaped, deep yellow fruits with a delicious juicy white flesh. One of the most beautiful of loquat trees and one of the heaviest bearers. March to June. 18°.

7115—Balled, 2-yr. trees, \$6.00 each, \$55.00 per 10.

Champagne. The big yellow-skinned, white-fleshed fruits are exceedingly juicy and richly flavored. Fine for both coastal and interior areas. For the warmer inland valleys, this variety and Advance are the best. Its zippy zestful flavor will please you and Champagne is just right for jelly. Ripens March to May. 18°.

7120—Balled, 2-yr. trees, \$6.00 each, \$55.00 per 10.

Gold Nugget. The glossy, deep orange fruits of this splendid Loquat rate right at the top in appearance and flavor. The orange-fleshed Loquats are much sweeter than the white kinds and ripen later. They are at their best in coastal counties, but do well inland also. May to June. 18°.

7125—Balled, 2-yr. trees, \$6.00 each, \$55.00 per 10.



Delicious Ott Cherimoya

Rose-Apple (*Syzygium jambos*)

A mass of broad, thick, shining green and bronze foliage, 8 to 10 feet high, luxuriant and handsome. Large snowy white flowers are followed by attractive small, creamy white rose-flushed fruit, 1½ to 2 inches in diameter, deliciously rose-scented. It may be eaten fresh or used to make fragrant jelly or candied fruit. Does best in frostless coastal regions or foothill areas protected from the wind, in full sun or part shade. Likes plenty of moisture. 26°.

6585—Gal. tins, \$1.25. 6586—5-gal. tins, \$4.00.

Myrciaria edulis "Cherry of the Rio Grande"

Down along the Rio Grande of Brazil it is highly prized for its delicious fruit and we can see why. It is new to California but mature trees in Whittier have reached a height of about 15 feet. These trees bear heavy crops of attractive fruit resembling a giant Tartarian Cherry. Brilliant scarlet, they turn to deep reddish purple when fully ripe. In flavor they taste very similar to the Black Tartarian Cherry, and we are told that the fruit makes a marvelous jam resembling strawberry jam in flavor. We think this is one of the most promising new sub-tropical fruits which has recently been introduced to California, and, of course, the handsome evergreen foliage makes the tree a valuable ornamental. 24°.

3451—5-gal. tins, \$7.50.

Gold Nugget Loquat—Largest and Sweetest



Subtropical Fruits

Macadamia

A subtropical evergreen nut tree from the eastern coast of Australia, with a dense rounded head of long, narrow, dark green leaves, attaining 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. They 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 vigorous, resistant to diseases, and easily grown almost anywhere in Southern California except in the very cold sections. 26°.

6056—5-gal. tins, \$7.00.

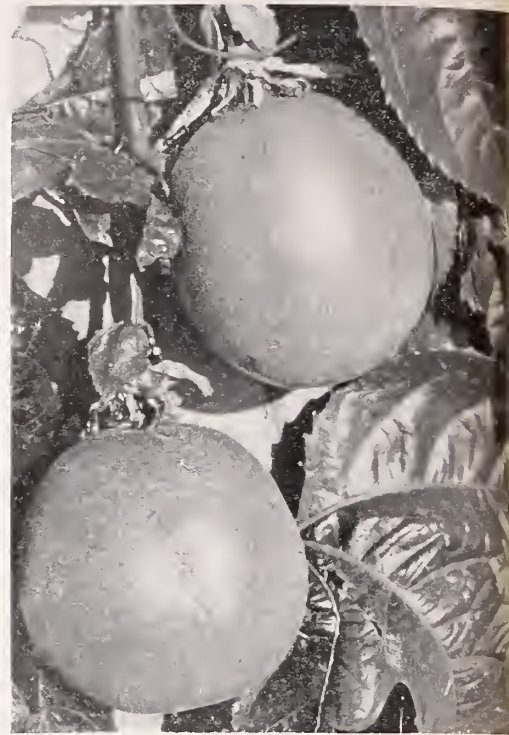


The Macadamia will produce clusters of richly flavored nuts like these.

Passion Fruit

This is a splendid ornamental fruiting vine which grows rapidly on a fence or pergola. The seed from which our plants are grown are taken from the largest fruiting types 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. It is even used in the preparation of a very delicious juice. If you live in a frostless area, you can grow this handsome fruit and provide a beautiful mantle of glossy handsome foliage for that pergola, wall, fence, or building at the same time. The flowers of the Passion Fruit are interesting and make an added attraction when you have them in the garden. Plant in full sun. 28°.

3470—Gal. tins, \$1.50.



Large Purple Fruit of the Passion Vine

Mango

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 plants we offer are selected seedlings which are quite uniform in the type of fruit borne. They bear while quite young. We pick delicious fruits every year from similar seedling trees grown within 10 miles of Ontario. 30°.

3441—5-gal. tins, \$7.00.

Hardy Subtropicals

Although many of the subtropicals listed on this and the previous two pages can be grown only in frost-free areas and under the coastal influence, there are some which may be grown over a wide latitude. The Feijoas are an excellent example, being hardy to approximately 10° and suited to a wide variety of soils. Among the trees which produce very fine fruit are the Loquats, hardy to about 18°, and the Sapote, hardy to about 20°. All these are being grown successfully in many parts of the State.

The Sapote

The White Sapote is a strong-growing evergreen tree, considerably harder than most of the subtropicals and it thrives anywhere in California where the orange tree grows. The fruit resembles a green apple but has a rich, peachlike flavor, and is delicious to eat any time. The soft flesh contains much pepsin, is easily digested, and it agrees with many people not able to eat other fruits. You never have to worry about fruit because it never misses a crop, usually starting to bear 3 to 4 years after planting. Hardy down to 20°.

Coleman. The big, round, green fruits of this variety are of surpassing quality. We know of nothing better in good sapote flavor. The tree is more spreading and possibly not so handsome as that of Wilson, but no sapote variety will produce better fruit.

7130—Strong trees, \$6.50 each, \$60.00 per 10.

Wilson. A tall, slender tree with big, luxuriant foliage. It bears heavy crops of large fruit, ripening continuously from August through late January. Will often bear as many as 1,000 pounds of fruit in a single season—delicious fruit, too.

7135—Strong trees, \$6.50 each, \$60.00 per 10.

The handsome evergreen tree of the White Sapote has great quantities of delicious, healthful fruit.



Papaya Solo

One of the most delicious table fruits of the tropics. While too tender for most of California, it will grow and bear fruit in sheltered frostless locations. The large-leaved, tropical-appearing plants grow rapidly and should bear their 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 can not guarantee the success of the plants that we send out because there are few locations in California where they will thrive. The male and female flowers of the Papaya are borne on separate plants so at least three should be planted together in order to be reasonably sure that at least one of each sex will be present.

3460—Gal. tins, \$2.00. 3461—5-gal. tins, \$5.00.

Quantity Rates

Don't forget, all subtropicals in containers can be included with your order for any other container items in this catalog to take advantage of the assorted quantity prices. See page 34 for table of quantity discounts.

ROSE ORDER

Armstrong Roses are available from Jan. 1 to May 15.
We will ship at the proper planting time for your area.
We pay shipping cost on Roses anywhere in the States.

Bush Roses				Item No.	Quan.	Variety and Price	TOTAL	Climbing Roses																					
Item No.	Quan.	Variety and Price	TOTAL			Amount Brought Forward		Item No.	Quan.	Variety and Price	TOTAL																		
1002		ARMSTRONG "BIG 10" See page 19. \$13.50		1220		PEACE \$2.00 each; 3 for \$5.10				Amount Brought Forward																			
1003		ALL-ARMSTRONG FIVE See page 18. \$7.10		1225		PICCANINNY \$1.50 each; 3 for \$3.75		1350		BANKSIA WHITE \$1.50 each; 3 for \$3.75																			
1001		ALL-AMERICA COLL. See page 15. \$8.85		1230		PICTURE \$1.00 each; 3 for \$2.55		1355		BANKSIA YELLOW \$1.50 each; 3 for \$3.75																			
1010		APPLAUSE \$2.50 each; 3 for \$6.30		1235		PINK BOUNTIFUL \$1.25 each; 3 for \$3.15		1360		BELLE OF PORTUGAL \$1.25 each; 3 for \$3.15																			
1015		CALIFORNIA \$1.50 each; 3 for \$3.75		1240		PINKIE \$1.50 each; 3 for \$3.75		1365		BILLY BOILER \$1.25 each; 3 for \$3.15																			
1020		CECILE BRUNNER \$1.50 each; 3 for \$3.75		1245		PINOCCHIO \$1.25 each; 3 for \$3.15		1370		CAPTAIN THOMAS \$1.50 each; 3 for \$3.75																			
1025		CHAR. ARMSTRONG \$1.50 each; 3 for \$3.75		1250		PRES. HERBERT HOOVER \$1.00 each; 3 for \$2.55		1375		CHEROKEE PINK \$1.50 each; 3 for \$3.75																			
1030		CHATTER \$1.25 each; 3 for \$3.15		1255		RADIANCE \$1.00 each; 3 for \$2.55		1380		CHEROKEE RED \$1.50 each; 3 for \$3.75																			
1035		CHINA DOLL \$1.50 each; 3 for \$3.75		1260		RED RADIANCE \$1.00 each; 3 for \$2.55		1390		CL. CECILE BRUNNER \$1.50 each; 3 for \$3.75																			
1040		CHRISTOPHER STONE \$1.00 each; 3 for \$2.55		1265		ROSE OF FREEDOM \$1.50 each; 3 for \$3.75		1395		CL. CHRIS. STONE \$2.00 each; 3 for \$5.10																			
1045		COUNTESS VANDAL \$1.50 each; 3 for \$3.75		1270		RUBAIYAT \$1.50 each; 3 for \$3.75		1400		CL. DAINTY BESS \$1.25 each; 3 for \$3.15																			
1050		CRIMSON GLORY \$1.50 each; 3 for \$3.75		1275		SAN FERNANDO \$2.00 each; 3 for \$5.10		1405		CL. ET. DE HOLLANDE \$1.50 each; 3 for \$3.75																			
1055		DAINTY BESS \$1.00 each; 3 for \$2.55		1280		SATURNIA \$1.50 each; 3 for \$3.75		1410		CL. GOLDEN DAWN \$1.50 each; 3 for \$3.75																			
1060		DEBONAIR \$1.50 each; 3 for \$3.75		1285		SHOW GIRL \$1.50 each; 3 for \$3.75		1415		CL. GOLDEN RAPTURE \$1.50 each; 3 for \$3.75																			
1065		DIAMOND JUBILEE \$2.00 each; 3 for \$5.10		1290		SIGNORA \$1.50 each; 3 for \$3.75		1420		CL. HINRICH GAEDE \$1.50 each; 3 for \$3.75																			
1070		ECLIPSE \$1.50 each; 3 for 3.75		1295		SNOWBIRD \$1.50 each; 3 for \$3.75		1425		CL. K. A. VICTORIA \$1.50 each; 3 for \$3.75																			
1075		ETOILE DE HOLLANDE \$1.25 each; 3 for \$3.15		1300		SUMMER SNOW \$1.25 each; 3 for \$3.15		1430		CL. MARY HART \$1.25 each; 3 for \$3.15																			
1080		FIESTA \$1.50 each; 3 for \$3.75		1305		SWEET SIXTEEN \$1.50 each; 3 for \$3.75		1435		CL. MCGREDDY'S IVORY \$1.50 each; 3 for \$3.75																			
1085		FLORADORA \$1.25 each; 3 for \$3.15		1310		TAFFETA \$2.00 each; 3 for \$5.10		1440		CL. MRS. S. MCGREDDY \$1.50 each; 3 for \$3.75																			
1090		FORTY-NINER \$2.50 each; 3 for \$6.30		1315		TALISMAN \$1.00 each; 3 for \$2.55		1445		CL. NIGHT \$1.50 each; 3 for \$3.75																			
1095		FRAU KARL DRUSCHKI \$1.00 each; 3 for \$2.55		1320		TALLYHO \$2.50 each; 3 for \$6.30		1450		CL. PICTURE \$1.50 each; 3 for \$3.75																			
1100		FRED EDMUNDS \$1.50 each; 3 for \$3.75		1325		TEXAS CENTENNIAL \$1.50 each; 3 for \$3.75		1455		CL. PRES. HOOVER \$1.25 each; 3 for \$3.15																			
1105		GIRONA \$1.00 each; 3 for \$2.55		1330		THE CHIEF \$1.50 each; 3 for \$3.75		1460		CL. SHOW GIRL \$2.50 each; 3 for \$6.30																			
1110		GOLDEN RAPTURE \$1.00 each; 3 for \$2.55		1335		THE DOCTOR \$1.50 each; 3 for \$3.75		1465		CL. TALISMAN \$1.25 each; 3 for \$3.15																			
1115		GOLDLOCKS \$1.50 each; 3 for \$3.75		Tree Roses				1470		CL. TEXAS Centennial \$1.50 each; 3 for \$3.75																			
1120		GR. DUCH. CHARLOTTE \$1.50 each; 3 for \$3.75		All Bare Root, Dormant Tree Roses: \$4.50 each; \$40.00 per 10. Ten assorted Tree Roses sold at the 10-rate				1475		GOLD OF OPHIR \$2.00 each; 3 for \$5.10																			
1125		HEART'S DESIRE \$1.50 each; 3 for \$3.75		1520		CHARLOTTE ARMSTRONG		1480		HIGH NOON \$2.50 each; 3 for \$6.30																			
1130		HORACE McFARLAND \$1.50 each; 3 for \$3.75		1530		CHRISTOPHER STONE		1485		MARECHAL NIEL \$2.00 each; 3 for \$5.10																			
1135		IRISH FIREFLAME \$1.25 each; 3 for \$3.15		1535		COUNTESS VANDAL		1490		MERMAID \$1.50 each; 3 for \$3.75																			
1140		K. A. VICTORIA \$1.00 each; 3 for \$2.55		1540		DEBONAIR		1495		MME. GR. STAEHELIN \$1.25 each; 3 for \$3.15																			
1145		KATHERINE T. MARSHALL \$1.50 each; 3 for \$3.75		1545		ECLIPSE		1500		PAUL'S SCARLET \$1.25 each; 3 for \$3.15																			
1150		LOWELL THOMAS \$1.50 each; 3 for \$3.75		1550		FORTY-NINER		1505		ROSE ANNE \$1.25 each; 3 for \$3.15																			
1155		LULU \$1.25 each; 3 for \$3.15		1560		HEART'S DESIRE		1510		SUNGOLD \$1.50 each; 3 for \$3.75																			
1160		MARY MARG. McBRIDE \$1.50 each; 3 for \$3.75		1565		HORACE McFARLAND				TOTAL																			
1165		MCGREDDY'S IVORY \$1.00 each; 3 for \$2.55		1570		K. A. VICTORIA		We Pay Shipping Cost on Roses Anywhere in the United States																					
1170		MIRANDY \$1.50 each; 3 for \$3.75		1575		MIRANDY		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Total From Other Page</td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td>Total Climbing Roses</td> <td></td> <td></td> </tr> <tr> <td>Total Tree Roses</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;">TOTAL ORDER</td> </tr> <tr> <td>California Orders Add 3% Sales Tax</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;">TOTAL AMOUNT ENCLOSED</td> </tr> </table>				Total From Other Page			Total Climbing Roses			Total Tree Roses			TOTAL ORDER			California Orders Add 3% Sales Tax			TOTAL AMOUNT ENCLOSED		
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1175		MISS CLIPPER \$1.50 each; 3 for \$3.75		1580		MRS. E. P. THOM																							
1180		MME. CHIANG KAI-SHEK \$1.50 each; 3 for \$3.75		1585		NOCTURNE																							
1185		MME. HENRI GUILLOT \$1.50 each; 3 for \$3.75		1590		PEACE																							
1190		MRS. E. P. THOM \$1.00 each; 3 for \$2.55		1595		PICTURE																							
1195		MRS. SAM MCGREDDY \$1.50 each; 3 for \$3.75		1605		SAN FERNANDO																							
1205		NIGHT \$1.00 each; 3 for \$2.55		1610		SHOW GIRL																							
1210		NOCTURNE \$2.00 each; 3 for \$5.10		1615		SNOWBIRD																							
1215		ONDINE \$2.00 each; 3 for \$5.10		1620		TAFFETA																							
		Amount Carried Forward		1625		TALLYHO																							
				Half Standard Tree Roses																									
				1525		CHATTER																							
				1555		GOLDLOCKS																							
				1600		PINKIE																							
				Amount Carried Forward																									

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TOTAL ORDER		
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TOTAL AMOUNT ENCLOSED		

Please Send Money With Order
No C.O.D.'s

ROSE ORDER

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Bush Roses			
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1003		ALL-ARMSTRONG FIVE See page 18. \$7.10	
1001		ALL-AMERICA COLL. See page 15. \$8.85	
1010		APPLAUSE \$2.50 each; 3 for \$6.30	
1015		CALIFORNIA \$1.50 each; 3 for \$3.75	
1020		CECILE BRUNNER \$1.50 each; 3 for \$3.75	
1025		CHAR. ARMSTRONG \$1.50 each; 3 for \$3.75	
1030		CHATTER \$1.25 each; 3 for \$3.15	
1035		CHINA DOLL \$1.50 each; 3 for \$3.75	
1040		CHRISTOPHER STONE \$1.00 each; 3 for \$2.55	
1045		COUNTLESS VANDAL \$1.50 each; 3 for \$3.75	
1050		CRIMSON GLORY \$1.50 each; 3 for \$3.75	
1055		DAINTY BESS \$1.00 each; 3 for \$2.55	
1060		DEBONAIR \$1.50 each; 3 for \$3.75	
1065		DIAMOND JUBILEE \$2.00 each; 3 for \$5.10	
1070		ECLIPSE \$1.50 each; 3 for 3.75	
1075		ETOILE DE HOLLANDE \$1.25 each; 3 for \$3.15	
1080		FIESTA \$1.50 each; 3 for \$3.75	
1085		FLORADORA \$1.25 each; 3 for \$3.15	
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1105		GIRONA \$1.00 each; 3 for \$2.55	
1110		GOLDEN RAPTURE \$1.00 each; 3 for \$2.55	
1115		GOLDBLOCKS \$1.50 each; 3 for \$3.75	
1120		GR. DUCH. CHARLOTTE \$1.50 each; 3 for \$3.75	
1125		HEART'S DESIRE \$1.50 each; 3 for \$3.75	
1130		HORACE McFARLAND \$1.50 each; 3 for \$3.75	
1135		IRISH FIREFLAME \$1.25 each; 3 for \$3.15	
1140		K. A. VICTORIA \$1.00 each; 3 for \$2.55	
1145		KATHERINE T. MARSHALL \$1.50 each; 3 for \$3.75	
1150		LOWELL THOMAS \$1.50 each; 3 for \$3.75	
1155		LULU \$1.25 each; 3 for \$3.15	
1160		MARY MARG. McBRIDE \$1.50 each; 3 for \$3.75	
1165		McGREDY'S IVORY \$1.00 each; 3 for \$2.55	
1170		MIRANDY \$1.50 each; 3 for \$3.75	
1175		MISS CLIPPER \$1.50 each; 3 for \$3.75	
1180		MME. CHIANG KAI-SHEK \$1.50 each; 3 for \$3.75	
1185		MME. HENRI GUILLOT \$1.50 each; 3 for \$3.75	
1190		MRS. E. P. THOM \$1.00 each; 3 for \$2.55	
1195		MRS. SAM McGREDY \$1.50 each; 3 for \$3.75	
1205		NIGHT \$1.00 each; 3 for \$2.55	
1210		NOCTURNE \$2.00 each; 3 for \$5.10	
1215		ONDINE \$2.00 each; 3 for \$5.10	
		Amount Carried Forward	

Item No.	Quan.	Variety and Price	TOTAL
		Amount Brought Forward	
1220		PEACE \$2.00 each; 3 for \$5.10	
1225		PICCANINNY \$1.50 each; 3 for \$3.75	
1230		PICTURE \$1.00 each; 3 for \$2.55	
1235		PINK BOUNTIFUL \$1.25 each; 3 for \$3.15	
1240		PINKIE \$1.50 each; 3 for \$3.75	
1245		PINOCCHIO \$1.25 each; 3 for \$3.15	
1250		PRES. HERBERT HOOVER \$1.00 each; 3 for \$2.55	
1255		RADIANCE \$1.00 each; 3 for \$2.55	
1260		RED RADIANCE \$1.00 each; 3 for \$2.55	
1265		ROSE OF FREEDOM \$1.50 each; 3 for \$3.75	
1270		RUBAIYAT \$1.50 each; 3 for \$3.75	
1275		SAN FERNANDO \$2.00 each; 3 for \$5.10	
1280		SATURNIA \$1.50 each; 3 for \$3.75	
1285		SHOW GIRL \$1.50 each; 3 for \$3.75	
1290		SIGNORA \$1.50 each; 3 for \$3.75	
1295		SNOWBIRD \$1.50 each; 3 for \$3.75	
1300		SUMMER SNOW \$1.25 each; 3 for \$3.15	
1305		SWEET SIXTEEN \$1.50 each; 3 for \$3.75	
1310		TAFFETA \$2.00 each; 3 for \$5.10	
1315		TALISMAN \$1.00 each; 3 for \$2.55	
1320		TALLYHO \$2.50 each; 3 for \$6.30	
1325		TEXAS CENTENNIAL \$1.50 each; 3 for \$3.75	
1330		THE CHIEF \$1.50 each; 3 for \$3.75	
1335		THE DOCTOR \$1.50 each; 3 for \$3.75	

Tree Roses			
All Bare Root, Dormant Tree Roses: \$4.50 each; \$40.00 per 10. Ten assorted Tree Roses sold at the 10-rate			
1520		CHARLOTTE ARMSTRONG	
1530		CHRISTOPHER STONE	
1535		COUNTLESS VANDAL	
1540		DEBONAIR	
1545		ECLIPSE	
1550		FORTY-NINER	
1560		HEART'S DESIRE	
1565		HORACE McFARLAND	
1570		K. A. VICTORIA	
1575		MIRANDY	
1580		MRS. E. P. THOM	
1585		NOCTURNE	
1590		PEACE	
1595		PICTURE	
1605		SAN FERNANDO	
1610		SHOW GIRL	
1615		SNOWBIRD	
1620		TAFFETA	
1625		TALLYHO	

Half Standard Tree Roses			
1525		CHATTER	
1555		GOLDBLOCKS	
1600		PINKIE	
		Amount Carried Forward	

Climbing Roses			
Item No.	Quan.	Variety and Price	TOTAL
		Amount Brought Forward	
1350		BANKSIA WHITE \$1.50 each; 3 for \$3.75	
1355		BANKSIA YELLOW \$1.50 each; 3 for \$3.75	
1360		BELLE OF PORTUGAL \$1.25 each; 3 for \$3.15	
1365		BILLY BOILER \$1.25 each; 3 for \$3.15	
1370		CAPTAIN THOMAS \$1.50 each; 3 for \$3.75	
1375		CHEROKEE PINK \$1.50 each; 3 for \$3.75	
1380		CHEROKEE RED \$1.50 each; 3 for \$3.75	
1390		CL. CECILE BRUNNER \$1.50 each; 3 for \$3.75	
1395		CL. CHRIS. STONE \$2.00 each; 3 for \$5.10	
1400		CL. DAINTY BESS \$1.25 each; 3 for \$3.15	
1405		CL. ET. DE HOLLANDE \$1.50 each; 3 for \$3.75	
1410		CL. GOLDEN DAWN \$1.50 each; 3 for \$3.75	
1415		CL. GOLDEN RAPTURE \$1.50 each; 3 for \$3.75	
1420		CL. HINRICH GAEDE \$1.50 each; 3 for \$3.75	
1425		CL. K. A. VICTORIA \$1.50 each; 3 for \$3.75	
1430		CL. MARY HART \$1.25 each; 3 for \$3.15	
1435		CL. McGREDY'S IVORY \$1.50 each; 3 for \$3.75	
1440		CL. MRS. S. McGREDY \$1.50 each; 3 for \$3.75	
1445		CL. NIGHT \$1.50 each; 3 for \$3.75	
1450		CL. PICTURE \$1.50 each; 3 for \$3.75	
1455		CL. PRES. HOOVER \$1.25 each; 3 for \$3.15	
1460		CL. SHOW GIRL \$2.50 each; 3 for \$6.30	
1465		CL. TALISMAN \$1.25 each; 3 for \$3.15	
1470		CL. TEXAS Centennial \$1.50 each; 3 for \$3.75	
1475		GOLD OF OPHIR \$2.00 each; 3 for \$5.10	
1480		HIGH NOON \$2.50 each; 3 for \$6.30	
1485		MARECHAL NIEL \$2.00 each; 3 for \$5.10	
1490		MERMAID \$1.50 each; 3 for \$3.75	
1495		MME. GR. STAECHELIN \$1.25 each; 3 for \$3.15	
1500		PAUL'S SCARLET \$1.25 each; 3 for \$3.15	
1505		ROSE ANNE \$1.25 each; 3 for \$3.15	
1510		SUNGOLD \$1.50 each; 3 for \$3.75	
		TOTAL	

We Pay Shipping Cost on Roses
Anywhere in the United States

Total From Other Page		
Total Climbing Roses		
Total Tree Roses		
TOTAL ORDER		
California Orders. Add 3% Sales Tax		
TOTAL AMOUNT ENCLOSED		

Please Send Money With Order

No C.O.D.'s

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Pioneer

A Superb New Nectarine

After ten years of research we have it—for the first time, in 1949—a better nectarine. Not only is it better than any previous nectarine, but it is a Californian developed to produce here. Illustrated at the left and fully described on page 83. Plant Pat. No. 787.

1930—\$2.50 each, 10 for \$22.00,
50 or more \$1.75 each.

Flamingo

The Super-Flavored Peach for Southern California

As beautiful as any peach you have ever seen and as delicious as any you have ever eaten, and it bears heavily in Southern California. Pictured below, fully described on page 81. Plant Pat. No. 661.

1975—\$2.50 each, 10 for \$22.00,
50 or more \$1.75 each.

The Fruits of Our Labor

There is no question now but what the breeding program instituted by Mr. Armstrong some 14 years ago has fulfilled many of his highest hopes. His ideas for better and more dependable fruiting varieties for Southern California and other warm-wintered locations are realities today. If we seem pretty enthusiastic about the new peach varieties described on pages 80 and 81 of this catalog, it is because we believe they are something to enthuse about. Surely it has taken a lot of time and hard work because thousands of carefully planned crosses have been made, and of the thousands of seedlings tested only a few have qualified for actual orchard and marketing tests. From these have come such fine peaches as Robin, Redwing, Meadow Lark and Curlew. All of them produce heavy crops with regularity anywhere in California. The quality, appearance, and flavor of each one has had to be good or they could never have brought the astonishing prices which have been paid for them on the Los Angeles market.

The new peach Flamingo and the new Pioneer Nectarine are the latest products of Armstrong Research. Not only does each one fill a need we have long felt but like the earlier Armstrong introductions, they will bear in a manner which will bring joy to the heart of every California fruit grower whether he has a few trees or a whole orchard.



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