

Landscape Trees for the Central Valley

Tree Associates
Updated July 6, 2009

Species	Common Name	Evergreen/ Deciduous	Comments*	Maximum Size Ht X Width (ft.)	Growth Rate	Drought Tolerant	Lawn Watering Ok	Boron Tolerance (Low/Mod/High)	Alkaline Soil Tolerance	Armillaria mellea Resistance	Phytophthora cinnamomi Resistance	Verticillium Wilt Resistance	Little Knowledge of Performance
<i>Abies nordmanniana</i>	Nordmann fir	Evergreen		50 x 20	Slow								X
<i>Acer buergeranum</i>	trident maple	Deciduous	Soft green foliage; bright red or orange fall color. Appropriate for patios or small courtyards. Leaves burn in Central Valley heat; plant on north or east-facing site or in partially shaded area.	30 x 25	Mod/Fast				Slight			Susceptible	
<i>Acer campestre</i>	hedge maple	Deciduous	Moderate grower. Dark green with yellowish green or clear yellow fall color. 'Carnival' grows slowly to about 10' tall and wide.	30 x 25	Slow				Tolerant			Susceptible	X
<i>Acer palmatum</i>	Japanese maple	Deciduous	Shade from afternoon sun. May require regular acidification. Hundreds of varieties. Leaves of dissected types typically burn. 'Bloodgood' is one of the best red-leaf types for this area.	20 x 20	Slow				Poor			Susceptible	
<i>Acer platanoides</i>	Norway maple	Deciduous		60 x 60	Mod				Tolerant			Susceptible	X
<i>Acer rubrum</i>	red maple	Deciduous	Moderate to fast growing. 'Red Sunset', 'October Glory' and 'Armstrong' consistently color well in the Central Valley. Performs poorly in droughty or alkaline conditions.	60 x 50	Fast		Y		Poor			Susceptible	
<i>Acer truncatum</i>	Chinese or purpleblow maple	Deciduous	Good substitute for Japanese maple. Small tree with attractive, shiny leaves. Performs well in full sun. Limited availability.	35 x 35	Slow				Slight			Susceptible	
<i>Aesculus californica</i>	California buckeye	Deciduous	California native. Suitable for dry, native landscapes. Drops leaves in late summer unless given moderate water.	20 x 30	Slow	Y			Tolerant		Y		
<i>Aesculus x carnea</i>	red horsechestnut	Deciduous	Casts a dense shade. Bears hundreds of flowers that make a spectacular display in spring.	40 x 30	Fast			Low					X
<i>Arbutus 'Marina'</i>	strawberry tree	Evergreen	Showy flowers and fruit, rich red-brown, shredding bark. Limited availability.	30 x 30	Slow/Mod	Y		High	Slight		Y		
<i>Arbutus unedo 'Compacta'</i>	strawberry tree	Evergreen	Showy flowers and fruit, rich red-brown, shredding bark.	10 x 10	Slow	Y		High	Slight		Y		
<i>Betula nigra</i>	river birch	Deciduous	Rich green glossy leaves above, silver below. On older trees, bark flakes and curls in cinnamon brown to blackish sheets.	50 x 35	Fast				Poor				X
<i>Betula pendula</i>	European white birch	Deciduous	Requires regular irrigation. Do not prune when borers are active (Mar - May).	40 x 20	Fast			Low	Tolerant			Resistant	
<i>Betula platyphylla japonica</i>	Japanese white birch	Deciduous	Green, glossy leaves turn yellow in fall. 'Whitespire' is more borer resistant.	40 x 25	Mod/Fast								X
<i>Calocedrus decurrens</i>	incense cedar	Evergreen	California native.	75 x 15	Slow	Y			Tolerant				
<i>Carpinus betulus</i>	European hornbeam	Deciduous	Low pruning needs. Leaves persist into the winter.	40 x 30	Slow/Mod	Y		Mod					
<i>Carpinus caroliniana</i>	American hornbeam	Deciduous	Low pruning needs. Leaves persist into the winter.	30 x 30	Slow			Mod					
<i>Cedrus atlantica 'Glauca'</i>	atlas cedar	Evergreen	Bluish-green needles. Plant in deep, well-drained soil.	60 x 30	Mod	Y		High	Tolerant				
<i>Cedrus deodara</i>	deodar cedar	Evergreen	Lower branches sweep down to ground, then upward. Upper branches openly spaced, graceful.	80 x 40	Fast	Y		High	Tolerant				
<i>Celtis australis</i>	European hackberry	Deciduous	Susceptible to undiagnosed fatal wilt type disease. Woolly hackberry aphid and citricola scale create copious amounts of honeydew. Sac Tree Found says pest resistant and disease free.	80 x 50	Mod	Y		Mod	Tolerant	Y			X

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<i>Celtis occidentalis</i>	common hackberry	Deciduous	Same as above.	50 x 50	Fast	Y		Mod	Tolerant	Y			X
<i>Celtis sinensis</i>	Chinese hackberry	Deciduous	Same as above.	40 x 40	Fast	Y		Mod	Tolerant	Y			X
<i>Ceratonia siliqua</i>	carob	Evergreen	Dark green shiny foliage and a very dense crown. Flowers on male trees smell odd; female trees produce (and drop) copious amounts of pods. Provide ample space for roots at base.	40 x 40		Y		Mod	Tolerant				
<i>Cercis canadensis</i>	Eastern redbud	Deciduous	Sweet pea-shaped magenta flowers on bare branches in March. Performs better with afternoon shade. 'Forest Pansy' has unusual purple foliage. <i>C. c. texensis</i> 'Oklahoma' has thicker leaves that are more heat-resistant.	25 x 25	Mod		Y	Low	Tolerant			Susceptible	
<i>Cercis occidentalis</i>	Western redbud	Deciduous	Grows as large shrub or small multitrunked tree. Sweet pea-shaped magenta flowers on bare branches in March, and distinctive blue-green foliage.	20 x 20	Mod	Y		Low	Tolerant	Y		Susceptible	
<i>Chilopsis linearis</i>	desert willow	Deciduous	Very narrow, grey-green leaves, upright habit. Flowers all summer; attracts hummingbirds. Limited availability.	30 x 20	Mod	Y			Tolerant				X
<i>Chionanthus retusus</i>	Chinese fringe tree	Deciduous	Blooms with masses of small white flowers in Summer. Uncommon in trade.	25 x 25	Slow	Y			Tolerant				
<i>X Chitalpa tashkentensis</i>	chitalpa	Deciduous	<i>Catalpa/Chilopsis</i> hybrid. Showy flowers attract hummingbirds and bees. Constantly drops spent blossoms and leaves in summer; not the best tree for planting near walkways/patios.	30 x 30		Y			Tolerant			Susceptible	
<i>Cinnamomum camphora</i>	camphor tree	Evergreen	New growth is bronze-colored, matures to shiny yellow-green. Bark looks black in winter rains. Mature trees are hard to garden under. Large superficial roots.	50 x 60	Slow				Slight			Susceptible	
<i>Citrus</i> spp.		Evergreen	Most are available on dwarfing rootstocks, so they can be kept as large shrubs or small trees. Can tolerate some shade.					Low	Slight			Resistant	
<i>Cotinus coggygria</i> 'Royal Purple'	purple smoke tree	Deciduous	Naturally multi-stemmed, but can be trained to a single trunk. Fading flowers look like puffs of "smoke."	15 x 15	Slow	Y			Tolerant	Y			
<i>Crinodendron patagua</i>	Chilean lily-of-the-valley	Evergreen	White flowers in spring; small brown pods in summer. Early staking and pruning are important in training as tree.	20 x 18			Y	High					X
<i>Cupressus sempervirens</i> 'Glauca'	Italian cypress	Evergreen	Formal columnar growth habit. Tolerant of heat, wind, poor soil.	60 x 10	Mod	Y	Y	High	Tolerant				
<i>Diospyros kaki</i>	Oriental persimmon	Deciduous	Brilliant orange-scarlet fruit in winter which can be messy unless harvested.	30 x 30	Slow/Mod		Y	Low	Tolerant	Y			
<i>Eriobotrya deflexa</i>	bronze loquat	Evergreen	Coppery new growth; white flowers; no edible fruit. Susceptible to fireblight.	17 x 17	Fast			Mod	Tolerant				
<i>Eriobotrya japonica</i>	loquat	Evergreen	Edible fruit. Very susceptible to fireblight. For crop harvest, look for a grafted variety such as 'Champagne' or 'MacBeth.'	30 x 30	Slow	Y	Y	Mod	Tolerant				
<i>Feijoa sellowiana</i>	pineapple guava	Evergreen	A large shrub sometimes grown as a tree. Not a true guava, but fruit tastes similar. Edible flowers. Plant named varieties for reliable fruit production. Provide regular water for best fruiting.	25 x 25	Fast	Y		Low	Tolerant				

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<i>Ficus carica</i>	fig	Deciduous	Tolerates wide range of soils. Trees planted near south walls benefit from reflected heat. Fruit drop is a problem above deck/paving.	30 x 30				Low	Tolerant			Resistant	
<i>Ginkgo biloba</i>	ginkgo	Deciduous	Plant selected male clones only as female fruit smells unpleasant. 'Autumn Gold' upright to 40' x 30'. No pests or diseases. Plant male trees; female trees produce ill-smelling fruit.	50 x 35	Slow/Mod		Y		Tolerant	Y	Y		
<i>Gleditsia triacanthos</i>	honey locust	Deciduous	Gall midge defoliates these trees from May-August in some years. One of the earliest to lose leaves in fall. Light shade.	70 x 35	Fast	Y		Low	Tolerant		Y	Resistant	
<i>Gymnocladus dioica</i>	Kentucky coffee tree	Deciduous	Light green in summer; yellow fall color; leaves divided into many leaflets 1-3" long. The fruiting variety produces large and messy pods. 'Espresso' Cultivar is fruitless.	70 x 50	Slow/Mod				Tolerant				
<i>Juglans californica</i>	California black walnut	Deciduous	Susceptible to mistletoe, thousand cankers disease. <i>J. c. californica</i> 30' x 30'; <i>J. c. hindsii</i> 60' x 60.'			Y		Low	Tolerant	Y		Resistant	
<i>Juglans nigra</i>	black walnut	Deciduous	Allelopathic characteristic makes it difficult to grow other plants underneath dripline.	100 x 70				Low	Tolerant				X
<i>Juglans regia</i>	English walnut	Deciduous	Edible nuts. Can be messy. Susceptible to pests.	60 x 60				Low/Mod	Tolerant				
<i>Koelreuteria bipinnata</i>	Chinese flame tree	Deciduous	Divided leaves, yellow flowers are showy, followed by pink pods in fall. Reseeds very little. Adaptable to different soils as long as drainage is fairly good. Limited availability.	40 x 35	Mod/Fast	Y			Tolerant				
<i>Koelreuteria elegans ssp. formosana</i>	formosan flame tree	Deciduous	Yellow flowers, spectacular red pods in fall. Adaptable to different soils as long as drainage is fairly good.	30 x 30			Y		Tolerant				
<i>Koelreuteria paniculata</i>	goldenrain tree	Deciduous	Divided leaves, yellow flowers are showy, followed by orange red pods. Seedlings normally profuse under mature trees. Susceptible to box-elder bugs. Adaptable to different soils as long as drainage is fairly good.	40 x 40	Slow/Mod	Y			Tolerant				
<i>Lagerstroemia</i> spp.	crape myrtles	Deciduous	There are hundreds of varieties with differing size, form, leaf and flower color. The new hybrids between <i>L. indica</i> and <i>L. fauriei</i> have much greater mildew resistance than the old <i>L. indica</i> varieties. Disease resistant cultivars have Native American names (e.g. Catawba, Cherokee, Hopi) Plant in full sun.		Fast	Y		Mod	Tolerant				
<i>Laurus nobilis</i>	Grecian bay laurel	Evergreen	This is the bay leaf used in cooking. Large shrub, eventually growing to 30'+. Will grow in total shade, or in full sun. Spreads readily by seed. Tolerates wide range of soils but needs good drainage.	40 x 40		Y		High	Tolerant				
<i>Laurus</i> x 'Saratoga'	hybrid bay laurel	Evergreen	Selected form of bay that has wider leaves, larger flowers, and is fruitless. Resistant to psyllid.	40 x 40		Y			Tolerant				
<i>Lyonothamnus floribundus asplenifolius</i>	Catalina ironwood	Evergreen	Shiny divided green foliage, mahogany bark. Now considered frost-hardy here. Requires good drainage.	35 x 15	Slow/Mod				Poor				X
<i>Magnolia denudata</i>	Yulan magnolia	Deciduous	Fragrant white flowers are tinged purple; early spring.	35 x 30					Poor		Y		X
<i>Magnolia grandiflora</i>	southern magnolia	Evergreen	Performs poorly in west Central Valley due to alkaline pH and high boron concentration.	80 x 60	Slow/Mod			Low	Poor		Y		

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<i>Magnolia soulangeana</i>	tulip tree	Deciduous	Very showy blooms in February. Upright when young, and then round-headed. Many varieties available: white, pink, purple; full-sized and dwarf.	25 x 25	Mod		Y	Low	Slight		Y		
<i>Malus floribunda</i>	crabapples	Deciduous	Many varieties of crabapples are available: some are upright, some spreading, some very weeping. Flowers are red, pink, white. Look for fireblight resistance.			Y	Y	High	Tolerant	Y	Y	Resistant	
<i>Malus</i> spp.	apple	Deciduous	Performs best in deep, well-drained soil but gets by in many soil types, including heavy soils. Susceptible to codling moth, leaf rollers and aphids. Susceptible to fireblight; look for resistant cultivars.	20 x 20				High	Tolerant		Y	Resistant	
<i>Melia azedarach</i>	Chinaberry	Deciduous	Very dark green, divided foliage. Self-sows in areas with year round moisture.	50 x 50	Fast	Y			Tolerant				
<i>Metasequoia glyptostroboides</i>	dawn redwood	Deciduous	Deciduous conifer; very graceful, narrow tree shaped like a coast redwood. Makes a light shade. Surface roots may become a problem in lawns. Limited availability.	90 x 20	Fast		Y		Tolerant	Y			
<i>Nyssa sylvatica</i>	sour gum	Deciduous	Pyramidal growth habit and beautiful fall color. Performs poorly in west Central Valley due to alkaline pH and boron concentration.	50 x 30	Mod				Poor				
<i>Olea europea</i> 'Bonita'	olive	Evergreen	This variety has very tiny fruit.	30 x 30		Y		Mod/High	Tolerant			Susceptible	
<i>Olea europea</i> 'Swan Hill'	olive	Evergreen	This variety is totally fruitless, with little or no pollen. Limited availability.	30 x 30		Y		Mod/High	Tolerant			Susceptible	
<i>Olea europea</i> 'Wilsoni'	olive	Evergreen	Occasionally bears small fruit crop.	30 x 30		Y		Mod/High	Tolerant			Susceptible	
<i>Paulownia tomentosa</i>	empress tree	Deciduous	Stunning purple/lavender blossoms in spring. Dense shade canopy makes it difficult to garden under.	50 x 50	Fast								
<i>Picea pungens glauca</i>	Colorado blue spruce	Evergreen	Formal pyramidal growth habit. Silvery-blue needles. Tolerates dry conditions better than other species of <i>Picea</i> .	20 x 30	Slow		Y						
<i>Pinus canariensis</i>	Canary Island pine	Evergreen	Large upright form, drooping needles.	80 x 35	Fast	Y	Y	High	Tolerant	Y		Resistant	
<i>Pinus contorta</i>	shore pine	Evergreen	Does not like extreme heat; give afternoon shade here. Pyramidal shape when young, then spreading and asymmetric. Among the best pines for small gardens.	35 x 35								Resistant	X
<i>Pinus halepensis</i>	aleppo pine	Evergreen	Light green needles. Benefits greatly from early training and regular reduction pruning to reduce limb breakage.	60 x 40	Fast	Y		Mod	Tolerant			Resistant	
<i>Pinus nigra</i>	Austrian black pine	Evergreen	Conical shape. Stiff, dark green needles.	60 x 30	Mod	Y	Y		Tolerant	Y		Resistant	
<i>Pinus pinea</i>	Italian stone pine/Umbrella pine	Evergreen	Unusual spreading habit. Eventually very large, broad and flat-topped. Benefits greatly from early training and regular reduction pruning to reduce limb breakage.	80 x 60	Mod/Fast	Y		Mod	Tolerant			Resistant	
<i>Pinus sylvestris</i>	Scotch pine	Evergreen	Conical shape. Dense, short needles are dark blue-green. Needs regular water.	70 x 30	Mod	Y	Y		Tolerant	Y		Resistant	
<i>Pinus thunbergii</i>	Japanese black pine	Evergreen	Interesting asymmetrical shape.		Mod/Fast	Y	Y	Mod	Tolerant			Resistant	
<i>Pistacia chinensis</i>	Chinese pistache	Deciduous	Produces leaves with intense yellow, orange and red fall color. Female trees have showy berries which attract birds, but some people object to the litter (they are dry, not squishy).	50 x 50	Slow/Mod	Y	Y	Low	Tolerant	Y		Susceptible	

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<i>Platanus racemosa</i>	California sycamore	Deciduous	Very susceptible to anthracnose which disfigures most in Sacramento Valley. Susceptible to spider mites and Western sycamore lace bug.	90 x 60	Fast		Y	High	Tolerant				
<i>Platanus x acerifolia</i>	London plane tree	Deciduous	Very strong (live) wood and limb attachments. Rapid growth rate. Susceptible to anthracnose, powdery mildew blight. 'Bloodgood' variety resistant to anthracnose, 'Yarwood' resistant to powdery mildew. 'Columbia' resistant to both diseases. May have some large surface roots.	60 x 50	Fast	Y	Y	Mod	Tolerant			Resistant	
<i>Podocarpus gracilior</i>	fern pine	Evergreen		60 x 20				High					
<i>Podocarpus macrophyllus</i>	yew pine	Evergreen	Shrubby yew pine (<i>P. m. maki</i>) slower growing and smaller - 15' x 4'.	50 x 15	Slow			Mod	Tolerant				
<i>Prunus armeniaca</i>	apricot	Deciduous		20 x 20				Mod/High					
<i>Prunus campanulata</i>	Taiwan flowering cherry	Deciduous	Brilliant magenta flowers, red fruit.	18 x 15									X
<i>Prunus caroliniana</i>	Carolina laurel cherry	Evergreen	Glossy green leaves, small, fragrant creamy white flowers bloom in 1-in. spikes from late winter to midspring; blossoms are followed by black fruit to 1/2 in. wide that is inconspicuous among the leaves. Flower and fruit litter can be a problem in paved areas.	30 x 25	Fast	Y							
<i>Prunus cerasifera</i> 'Krauter Vesuvius'	cherry plum	Deciduous	Plum with leaves that remain burgundy through the summer. Usually very light fruit production. 'Atropurpurea' high boron tolerance.	15 x 15	Mod								
<i>Prunus dulcis</i>	almond	Deciduous		30 x 30				Mod/High					
<i>Prunus persica</i> , <i>P.p. nucipersica</i>	peach, nectarine	Deciduous	Require spraying for peach leaf curl. Regular pruning needed. Generally short-lived.	25 x 25									
<i>Prunus serrulata</i>	Japanese flowering cherry	Deciduous	There are many varieties of flowering cherries. All need excellent drainage and do best where there is some protection from the afternoon sun.					Mod					
<i>Prunus x blireiana</i>	Blirieana plum	Deciduous	Plum with red leaves in spring, turning dark green in summer. Very little or no fruit. Earliest tree to bloom in spring, with pale pink flowers in February. Vase shaped crown.	25 x 20	Mod				Tolerant				
<i>Prunus x subhirtella</i> 'Pendula'	single weeping cherry	Deciduous	Very graceful weeping flowering cherry with pale pink flowers in great profusion. There is a double-flowered form. Do best where there is some protection from the afternoon sun.	12 x 12									
<i>Prunus x yedoensis</i> 'Akebono'	daybreak weeping cherry	Deciduous	Dramatic flowering cherry with a spreading and slightly weeping habit. Billows of soft pink, double flowers. Do best where there is some protection from the afternoon sun.	25 x 25									
<i>Punica granatum</i>	flowering pomegranate	Deciduous	All pomegranates are large shrubs which can be trained as trees. Great choice for west exposure. These varieties bear no fruit. 'California Sunset' creamy white double flowers heavily striped coral red, 'Nochi Shibari' double dark red flowers, 'Tanyosho' double light apricot flowers.	10 x 10	Mod	Y			Tolerant				

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<i>Punica granatum</i> "Wonderful"	pomegranate	Deciduous	This is the standard commercial variety. 'Grenada' is a sport which ripens a month earlier. 'Sweet' has pink, sweet fruit that isn't tart (or very flavorful). Produces better fruit with regular moisture.	20 x 20	Mod	Y			Tolerant	Y			
<i>Pyrus calleryana</i>	callery pear	Deciduous	Fast-growing, upright shade tree with shiny green foliage. Tolerates heavy soil and lawn watering. White flowers in spring, wine red fall color. Benefits greatly from early training and regular reduction pruning to reduce limb breakage. Several cultivars available.	50 x 50	Fast		Y		Tolerant			Resistant	
<i>Pyrus kawakamii</i>	evergreen pear	Semi- Deciduous	White flowers in late winter; one of the first trees to bloom in Northern California. Very prone to twig blight and entomosporium leaf-spot fungus.	30 x 30	Mod			High				Resistant	
<i>Quercus agrifolia</i>	coast live oak	Evergreen	Native to the coastal range of California. Dense, hollylike foliage. Long lived.	70 x 70	Slow/Mod	Y		High	Tolerant			Resistant	
<i>Quercus buckleyii</i>	Texas red oak	Deciduous	Foliage reddish when new, matures to yellow green, turns bright scarlet in fall.	35 x 35	Fast	Y			Tolerant				X
<i>Quercus castaneifolia</i>	chestnut-leaf oak	Deciduous	Foliage dark glossy green above, minute gray down beneath. Fall color is usually yellow.	80 x 65	Fast	Y	Y						X
<i>Quercus cerris</i>	turkey oak	Deciduous		80 x 80	Fast	Y			Tolerant				
<i>Quercus chrysolepis</i>	canyon live oak	Evergreen	Leaves shiny medium green above, pale blue or grayish below. Native to the California foothills. Little planted in Central Valley.	60 x 60	Slow/Mod	Y			Requires Acidity			Resistant	X
<i>Quercus coccinea</i>	scarlet oak	Deciduous	Bright green leaves with pointed, deeply cut lobes. Subject to leaf yellowing (iron chlorosis) in west Central Valley, which makes it unsightly. May attract aphids.	80 x 50	Mod		Y		Requires Acidity			Resistant	
<i>Quercus douglasii</i>	blue oak	Deciduous	Native to California foothills; drought tolerant; few examples of healthy blue oaks in west Central Valley.	75 x 80	Slow	Y							
<i>Quercus ilex</i>	holly oak	Evergreen	Leaves rich dark green on top, covered with gray or yellow hairs below. Dense, round-headed habit.	60 x 60	Mod		Y	Mod	Tolerant	Y		Resistant	
<i>Quercus kelloggii</i>	California black oak	Deciduous	Large, shiny green, lobed leaves and attractive dark bark. New growth soft pink. Few examples of healthy specimens in Central Valley.	80 x 80	Mod				Poor			Resistant	
<i>Quercus lobata</i>	valley oak	Deciduous	Central Valley native. Susceptible to Carpenterworm (insect borer) which can cause limb failures. Infrequent irrigation may reduce incidence of this pest.	75 x 90	Mod/Fast	Y		High	Tolerant			Resistant	
<i>Quercus macrocarpa</i>	bur oak	Deciduous	Leaves glossy green above, whitish below, with 5 to 7 deeply cut, rounded lobes.	80 x 80	Mod		Y						
<i>Quercus muehlenbergii</i>	chinquapin oak	Deciduous	Deeply toothed, lance-shaped long leaves are shiny green above, whitish and furry below.	50 x 60	Mod		Y		Tolerant				X
<i>Quercus palustris</i>	pin oak	Deciduous	Leaves hang on well into the winter. Subject to leaf yellowing (iron chlorosis) in west Central Valley, which makes it unsightly.	80 x 40	Mod/Fast		Y		Poor			Resistant	
<i>Quercus phellos</i>	willow oak	Deciduous	Long willow like leaves, turn pale yellow in fall, some persist into winter months. Tolerant of poor drainage and hardpan.	80 x 65	Mod/Fast								X
<i>Quercus robur</i>	English oak	Deciduous	Subject to leaf yellowing (iron chlorosis) in west Central Valley, which makes it unsightly.	35 x 40	Slow/Mod		Y		Tolerant				

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<i>Quercus rubra</i>	red oak	Deciduous	Spreading growth habit. New growth is red. Fall color dark red, not always reliable here. Leaves turn brown and persist well into winter. Subject to leaf yellowing (iron chlorosis) in west Central Valley, which make it unsightly.	70 x 60	Mod				Poor			Resistant	
<i>Quercus shumardii</i>	Shumard red oak	Deciduous	Similar to scarlet oak but may turn red later and lose leaves a month earlier. Handles poorly drained areas and clay better than many trees.	60 x 60	Mod/Fast				Tolerant				X
<i>Quercus suber</i>	cork oak	Evergreen	Small leaves are dark green, gray beneath. Corky bark is very attractive.	60 x 60	Mod/Fast	Y		High	Tolerant			Resistant	
<i>Quercus virginiana</i>	southern live oak	Evergreen	Eventually very broad-spreading. Smooth leaves are very long, shiny green with white reverse.	80 x 80	Mod/Fast		Y					Resistant	
<i>Quercus wislizenii</i>	interior live oak	Evergreen	California native oak. Dense canopy with glossy, dark green foliage.	75 x 75	Mod	Y			Tolerant			Resistant	
<i>Rhus lancea</i>	African sumac	Evergreen	Attractive shiny leaves and mahogany-colored trunk. Suckers profusely. Damaged by 1990 freeze. Needs regular reduction pruning to reduce likelihood of limb failure.	30 x 35		Y	Y		Tolerant				
<i>Robinia pseudoacacia</i> 'Purple Robe'	black locust	Deciduous	Beautiful clusters of purple flowers similar to Wisteria in April. Poor limb attachments. Sends up suckers, often many feet from the main plant.	40 x 30	Fast	Y			Tolerant				
<i>Sapium sebiferum</i>	Chinese tallow tree	Deciduous	Large surface roots. Weak structure. Great fall color. Male trees produce lots of pollen; females reseed. Invasive in riparian areas.	40 x 30		Y		High	Poor	Y			
<i>Schinus molle</i>	California pepper	Evergreen	Severely damaged during 1990 freeze. Shiny fern-like green foliage is graceful and weeping. Rosy berries in fall, winter. Produces copious amounts of litter. Greatly benefits from regular reduction pruning.	40 x 40		Y		High	Tolerant			Susceptible	
<i>Sequoia sempervirens</i>	coast redwood	Evergreen	Aptos Blue' has blue-green foliage, dense growth; 'Simpson's Silver' has silver blue foliage; 'Los Altos' and 'Soquel' with dark and medium green dense growth, respectively; 'Woodside' with silver green foliage; 'Santa Cruz' with bright green, fern-like foliage which burns here.	90 x 30	Fast		Y	Low	Requires Acidity				
<i>Sophora japonica</i>	Japanese pagoda	Deciduous	Dark green leaves divided into leaflets; open clusters of white flowers in summer. Stains from flowers and pods may be a problem on paved surfaces. Long horizontal limbs require reduction pruning to reduce likelihood of limb failure.	70 x 70	Mod/Fast	Y		Mod	Tolerant	Y			
<i>Styrax japonicus</i>	Japanese snowbell	Deciduous	Small flowering tree with profusion of white flowers in June. Strong horizontal branches create a unique look. Limited availability.	30 x 25	Slow								X
<i>Taxodium distichum</i>	bald cypress	Deciduous	Drooping branches. Needs plenty of moisture. Very rare in the nursery trade.	70 x 30	Fast				Requires Acidity				X
<i>Taxodium mucronatum</i>	Montezuma cypress	Deciduous	Very late fall color.	45 x 35	Fast		Y		Tolerant				X
<i>Thuja plicata</i>	western red cedar	Evergreen	Slender, drooping branchlets are closely set with dark green leaf sprays. Many varieties available with different heights and foliage colors.		Slow			Mod				Resistant	X

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Species	Common Name	Evergreen/ Deciduous	Comments*	Maximum Size Ht X Width (ft.)	Growth Rate	Drought Tolerant	Lawn Watering Ok	Boron Tolerance (Low/Mod/High)	Alkaline Soil Tolerance	Armillaria mellea Resistance	Phytophthora cinnamomi Resistance	Verticillium Wilt Resistance	Little Knowledge of Performance
<i>Tilia americana</i>	American linden	Deciduous	Formal pyramidal growth habit. Small, fragrant yellow flowers in July attract bees; attractive yellow fall color. Limited availability.	45 x 20	Mod/Fast				Tolerant		Y	Resistant	
<i>Tilia cordata</i>	littleleaf linden	Deciduous	Formal pyramidal growth habit, rich green foliage. Small, fragrant yellow flowers in July attract bees; nice yellow fall color. May attract aphids. Limited availability.	50 x 30	Slow				Tolerant		Y	Resistant	
<i>Ulmus americana</i>	American elm	Deciduous	Two of the most disease resistant are 'Princeton' and 'Valley Forge'	70 X 70	Fast			Low	Tolerant				
<i>Ulmus parvifolia</i>	Chinese elm	Deciduous	Semi-weeping tree. Beautiful mottled bark. Prolonged summer leaf drop. Needs careful training and regular reduction pruning to reduce likelihood of limb failure. Susceptible to scale - the honeydew from them can be a nuisance.	60 x 70	Fast		Y	Mod	Tolerant		Y		
<i>Umbellularia californica</i>	California bay	Evergreen	California native with strongly aromatic leaves.	25 x 25	Slow	Y					Y	Resistant	
<i>Vitex agnus-castus</i>	chaste tree	Deciduous	Light blue flowers; white form also available. Fast-growing large shrub or small tree with light green palmate leaves. Will grow in partial shade.	15 x 20	Mod/Fast	Y				Y			
<i>Xylosma congestum</i>	xylosma	Evergreen	Can be used as shrub or trained into a tree. Shiny leaves; tolerates shade and variety of soils.	20 x 20	Mod	Y		Mod	Tolerant				
<i>Zelkova serrata</i>	sawleaf zelkova	Deciduous	Leaves resemble elms.	60 x 70	Mod/Fast	Y		Mod	Tolerant		Y		
* Comments do not include information regarding poisonous properties, if any, of trees.													
List compiled by John Lichter and Kelly McGlothlin													
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