



## Climate Forward Trees for City of Santa Rosa

Species	Common Name	Mature Size (Height x Width)	Sun / Shade	Deciduous / Evergreen	Notes
<i>Aesculus californica</i>	California buckeye	M: 15'-40' x 20'-40'	S	D	Native with showy creamy white flowers in spring. Summer deciduous without supplemental irrigation. Allergenic. Honeybee toxic but supports native bees.
<i>Arbutus 'Marina'</i>	Marina strawberry tree	M: 30'-50' x 30'-40'	S/A/P	E	Handsome tree known for notable reddish peeling bark and orange berries.
<i>Arbutus unedo</i>	Strawberry tree	S: 8'-20' x 8'-20'	S/A/P	E	Attractive pendulous clusters of flowers in mid to late winter. Edible fruit persists year round. May require pruning to establish/maintain tree shape.
<i>Arctostaphylos manzanita 'Dr. Hurd'</i>	Dr. Hurd manzanita	S: 12'-16' x 10'-15'	S/A/P	E	Local native noted for striking mahogany bark and winter bloom. Slow growing.
<i>Ceanothus 'Ray Hartman'</i>	Ray Hartman ceanothus	S: 20' x 15'-20'	S/A/P	E	Native noted for blue spring bloom. Purchase as tree form.
<i>Cercis occidentalis</i>	Western redbud	S: 10'-20' x 10'-20'	S/A/P	D	Native noted for deep pink spring bloom. Slow growing. Seed pods held in winter.
<i>Chilopsis linearis</i>	Desert willow	S: 15'-25' x 10'-20'	S	D	Noted for fragrant, showy flowers spring and summer. Holds foliage with occasional summer irrigation. Attracts birds. Select named variety for flower color.
<i>Diospyros kaki</i>	Persimmon	S: 20'-30' x 20'-30'	S	D	Heavily fruiting tree with outstanding fall color.
<i>Fraxinus dipetala</i>	California ash	S: 25' x 20'	S/A/P	D	This native has small white fragrant flowers. Requires pruning to shape when tree is young. Allergenic.
<i>Lagerstroemia indica</i>	Crape myrtle	S: 15'-25' x 25'	S	D	Noted for summer flowers and fall color. Attractive bark when mature. Purchase when in flower for desired color. Suckers from base.
<i>Laurus 'Saratoga'</i>	Saratoga laurel	S: 20'-30' x 15'-25'	S/A/P	E	Small growing bay tree. Leaves used for culinary purposes.
<i>Lyonothamnus floribundus ssp asplenifolius</i>	Catalina ironwood	M: 20'-40' x 15'-20'	S/A/P	E	California native with unique notched linear leaves. Slow growing. Needs excellent drainage, loam or sand. May suffer chlorosis in heavy soil. Retains dead flowers, bark peels, fruit litter.
<i>Olea europaea 'Swan Hill'</i>	Swan Hill olive	S: 15'-25' x 15'-20'	S	E	Gray-green foliage. This is the only truly fruitless variety.
<i>Parkinsonia florida (Cercidium floridum)</i>	Blue palo verde	S: 25'-30' x 15'-20'	S	D	Wide canopy with greenish bark and pale yellow flower. Has thorns. Attracts birds. Summer leaf drop during extreme heat. Will not survive extended frost. Little pruning needed.

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<i>Parkinsonia microphylla</i> (Cercidium)	Little leaf palo verde	S: 20'-30'x 20'-30'	S	D	Wide canopy with greenish bark and pale yellow flower. Summer leaf drop during extreme heat. Will not survive extended frost. High pest tolerance. Little pruning needed.
<i>Pistacia chinensis</i> 'Keith Davey'	Chinese pistache	M: 35' x 35'	S	D	Known for fall color and as replacement for maple. Prefer male cultivar for lower maintenance and no pollen production.
<i>Prunus caroliniana</i>	Carolina laurel cherry	S: 20'-30' x 15'-25'	S/A/P	E	Small fragrant white flowers attract bees. Some pruning needed to maintain shape.
<i>Prunus ilicifolia</i>	Holly leaf cherry	S: 10'-30' x 10'-25'	S/A/P	E	California native. Large clusters of cream colored flowers in the spring. Purchase in tree form. Notable sub species 'Lyonii'. Consider sunburn protection of trunk.
<i>Punica granatum</i>	Pomegranate	S: 20' x15'	S/A/P	D	Fruiting tree with beautiful fall foliage. Prune when young for strength. Needs heat for enhanced fruit flavor. Long blooming season.
<i>Quercus agrifolia</i>	Coast live oak	L: 35'-60' x 40'-70'	S	E	One of the best local natives for large properties. Plant in non-irrigated area away from structures. Susceptible to Sudden Oak Death.
<i>Quercus douglasii</i>	Blue oak	L: 30'-50' x 40'-70'	S/A/P	E	Very slow growing local native with blue tinted foliage. Not susceptible to Sudden Oak Death.
<i>Quercus kelloggii</i>	Black oak	L: 30'-70' x 30'-50'	S/A/P	D	Slow growing native with beautiful spring foliage. Large acorns. Susceptible to Sudden Oak Death.
<i>Quercus lobata</i>	Valley oak	L: 70' x 70'	S	D	One of the best local natives for large properties. Plant in non-irrigated area away from structures. Not susceptible to Sudden Oak Death.
<i>Quercus suber</i>	Cork oak	L: 30'-60' x 30'-60'	S	E	Non-native oak with unique bark characteristics. Tolerates various soils but needs good drainage.
<i>Raphiolepis</i> x 'Montic'	Majestic Beauty Indian hawthorne	S: 25' x 10'	S/A/P	E	Notable for numerous light pink flowers over a long blooming period. Tolerates high heat. Slow grower. Buy in tree form.
<i>Ulmus</i> 'Frontier'	Frontier elm	M: 30'-40' x 20'-30'	S	semi-SD	Good fall color. Noted for beautiful mottled bark. Fast growing. Good resistance to Dutch elm disease.
<i>Ulmus parvifolia</i> 'Drake'	Chinese elm	L: 45' x 35'-50'	S	semi-SD	Beautiful tree with weeping habit. Grows best with occasional summer irrigation. Moderate maintenance/pruning required.
x <i>Chitalpa tashkentensis</i> 'Pink Dawn'	Chitalpa	S: 15'- 30' x 15'-30'	S	D	Notable for beautiful pink trumpet-shaped flowers. Long flowering season.

**Legend Sun/Shade: S = full sun, A = afternoon shade, P = part shade**