



## **Greenprint Recommended Tree List**

### **Sacramento Tree Foundation**

### **September 2010**

The Sacramento Tree Foundation supports the philosophy of "the right tree in the right place". New trees should be carefully selected based on the site conditions, such as microclimate, soil type, water usage, etc. In order to help the Sacramento region improve air quality, the largest appropriate tree species possible for the given situation with the best possible Air Quality Ozone Friendly rating should be selected.

The best AQ Ozone Friendly tree species are *www*, but *ww* are also great for helping reduce unhealthy levels of ozone in our communities. *w* or other trees should be planted only when *ww* and *www* trees will not be suitable. We recognize that certain *w* AQ Ozone Friendly trees are the most appropriate solution for particular situations, such as street trees (London planes) or oak habitat (native oaks). Please note that native oaks are exempt from this tree list.

The tree list below includes trees well suited to the Sacramento region -- particularly the valley -- based on factors including climate adaptation, disease and pest susceptibility, soil tolerance, maintenance requirements, water usage, branch strength and longe

**Greenprint Recommended Tree List | Sorted by genus in alphabetical order:**

Item	Genus and species + cultivar (if any)	Common Name	W Good	Small <30 ft	Growth Rate	Evergreen or Deciduous	Water Needs per WUCOLS*
			WW Better	Med. 30-50 ft			
			AQ Ozone Friendly	Size			
			WWW Best	Large > 50 ft			
1	<i>Abies concolor</i>	White fir	WW	Large	Slow to Moderate	Evergreen	Medium
2	<i>Acer buergerianum</i>	Trident maple	WW	Small	Moderate	Deciduous	Medium
3	<i>Acer campestre</i>	Hedge maple	WW	Large	Slow to Moderate	Deciduous	Medium
4	<i>Acer griseum</i>	Paperbark maple	WW	Medium	Slow	Deciduous	Medium
5	<i>Acer macrophyllum</i>	Bigleaf maple	WW	Large	Fast	Deciduous	High
6	<i>Acer platanoides</i> 'Crimson Sentry'	Columnar Red Norway maple	WW	Large	Slow to Moderate	Deciduous	Medium
7	<i>Acer rubrum</i>	Red maple	WW	Large	Moderate	Deciduous	High
8	<i>Acer rubrum</i> 'Bowhall'	Bohall maple	WW	Large	Moderate to Fast	Deciduous	High
9	<i>Acer rubrum</i> x <i>freemani</i> 'Armstrong'	Columnar red maple	WW	Large	Moderate	Deciduous	High
10	<i>Acer tartaricum</i>	Tartarian maple	WW	Small	Moderate	Deciduous	No data in WUCOLS
11	<i>Acer truncatum</i>	Shantung maple	WW	Small	Moderate to Fast	Deciduous	Medium
12	<i>Acer truncatum</i> 'Norwegian Sunset'	Norwegian Sunset	WW	Medium	Fast	Deciduous	Medium
13	<i>Acer truncatum</i> 'Pacific Sunset'	Pacific Sunset Shantung	WW	Medium	Fast	Deciduous	Medium
14	<i>Aesculus californica</i>	California buckeye	WW	Medium	Moderate	Deciduous	Very Low
15	<i>Betula nigra</i>	River birch	WWW	Large	Fast	Deciduous	High
16	<i>Betula platyphylla japonica</i>	Japanese white birch	WWW	Medium	Fast	Deciduous	High
17	<i>Brachychiton populneus</i>	Bottle tree	WWW	Large	Moderate	Evergreen	Medium
18	<i>Calocedrus decurrens</i>	California incense cedar	WW	Large	Slow to Moderate	Evergreen	Medium
19	<i>Carpinus betulus</i> 'Fastigiata'	Pyramidal european	WWW	Medium	Slow to Moderate	Deciduous	Medium
20	<i>Cedrus deodara</i>	Deodar cedar	WWW	Large	Fast	Evergreen	Medium
21	<i>Celtis australis</i>	European hackberry	WWW	Large	Moderate to Fast	Deciduous	Medium

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22	<i>Cercis canadensis</i>	Eastern redbud	WWW	Small	Moderate to Fast	Deciduous	Medium
23	<i>Chilopsis linearis</i>	Desert willow	WW	Small	Moderate to Fast	Deciduous	Very Low
24	<i>Chionanthus retusus</i>	Chinese fringe tree	WWW	Small	Moderate	Deciduous	Medium
25	<i>Cinnamomum camphora</i>	Camphor	WWW	Large	Moderate	Evergreen	Medium
26	<i>Crataegus phaenopyrum</i>	Washington hawthorn	WWW	Small	Moderate	Deciduous	Medium
27	<i>Eriobotrya deflexa</i>	Bronze loquat	WWW	Small	Fast	Evergreen	Medium
28	<i>Eriobotrya japonica</i>	Loquat	WWW	Medium	Fast	Evergreen	Low
29	<i>Eucommia ulmoides</i>	Hardy rubber tree	W	Large	Moderate	Deciduous	No data in WUCOLS
30	<i>Fraxinus latifolia</i>	Oregon ash	WWW	Large	Fast	Deciduous	High
31	<i>Geijera parviflora</i>	Australian willow	WW	Small	Fast	Evergreen	Medium
32	<i>Ginkgo biloba</i>	Maidenhair tree	WW	Large	Slow to Moderate	Deciduous	Medium
33	<i>Ginkgo biloba</i> 'Fairmont'	Male ginkgo	WW	Medium	Slow to Moderate	Deciduous	Medium
34	<i>Ginkgo biloba</i> 'Princeton Sentry'	Male ginkgo	WW	Medium	Moderate	Deciduous	Medium
35	<i>Halesia monticola</i>	Mountain silverbell	WWW	Large	Moderate	Deciduous	No data in WUCOLS
36	<i>Koelreuteria bipinnata</i>	Chinese flame tree	W	Medium	Slow to Moderate	Deciduous	Medium
37	<i>Koelreuteria paniculata</i>	Goldenrain tree	W	Medium	Slow to Moderate	Deciduous	Medium
38	<i>Lagerstroemia indica</i>	Crape myrtle	WWW	Small	Slow to Moderate	Deciduous	Low
39	<i>Laurus nobilis</i>	Sweet bay	WWW	Medium	Slow to Moderate	Evergreen	Low
40	<i>Laurus nobilis</i> 'Saratoga'	Saratoga sweetbay	WWW	Medium	Slow to Moderate	Evergreen	Low
41	<i>Liriodendron tulipifera</i>	Tulip tree	W	Large	Fast	Deciduous	High
42	<i>Magnolia grandiflora</i>	Southern magnolia	WW	Large	Slow to Moderate	Evergreen	Medium

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43	Magnolia soulangiana	Saucer magnolia	WW	Medium	Moderate	Deciduous	Medium
44	Malus floribunda	Japanese flowering	WWW	Small	Moderate	Deciduous	Medium
45	Malus hybrid 'Prairifire'	Prairie fire crabapple	WWW	Small	Moderate	Deciduous	Medium
46	Malus hybrid 'Robinson'	Robinson crabapple	WWW	Small	Moderate	Deciduous	Medium
47	Malus ioensis 'Plena'	Bechtel crabapple	WWW	Small	Moderate to Fast	Deciduous	Medium
48	Metasequoia glyptostroboides	Dawn redwood	WW	Large	Fast	Deciduous	High
49	Nyssa sylvatica	Tupelo	W	Medium	Moderate	Deciduous	Medium
50	Ostrya virginiana	American hophornbeam	WW	Medium	Slow	Deciduous	No data in WUCOLS
51	Phellodendron amurense 'His	His majesty amur cork tree	WW	Medium	Moderate to Fast	Deciduous	No data in WUCOLS
52	Phellodendron amurense 'Macho'	Macho amur cork tree	WW	Medium	Moderate to Fast	Deciduous	No data in WUCOLS
53	Phellodendron lavallei 'Longenecker'	Eye stopper amur cork tree	WW	Medium	Moderate to Fast	Deciduous	No data in WUCOLS
54	Photinia x fraseri	Red leaf photinia	WWW	Small	Moderate to Fast	Evergreen	Medium
55	Pinus brutia	Calabrian pine	W	Large	Moderate to Fast	Evergreen	Low
56	Pinus canariensis	Canary Island pine	WW	Large	Moderate to Fast	Evergreen	Low
57	Pinus eldarica	Afghan pine	W	Medium	Moderate to Fast	Evergreen	Low
58	Pinus halepensis	Aleppo pine	WWW	Medium	Moderate to Fast	Evergreen	Low
59	Pinus jeffreyi	Jeffrey pine	W	Medium	Moderate to Fast	Evergreen	Low
60	Pinus lambertiana	Sugar pine	WW	Medium	Slow to Moderate	Evergreen	No data in WUCOLS
61	Pinus ponderosa	Ponderosa pine	W	Large	Moderate to Fast	Evergreen	Low
62	Pistacia chinensis	Chinese pistache	W	Medium	Moderate	Deciduous	Low

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63	Platanus racemosa	California sycamore	W	Large	Fast	Deciduous	Medium
64	Platanus X acerifolia	London plane	W	Large	Fast	Deciduous	Low
65	Podocarpus gracilior	Fern pine	WWW	Small	Slow	Evergreen	Medium
66	Pseudotsuga menziesii	Douglas fir	WW	Large	Moderate	Evergreen	No data in WUCOLS
67	Pterocarya stenoptera	Chinese wingnut	WW	Large	Fast	Deciduous	No data in WUCOLS
68	Pyrus calleryana	Flowering pear	WWW	Medium	Fast	Deciduous	Medium
69	Pyrus calleryana 'Capital'	Capital pear	WWW	Medium	Fast	Deciduous	Medium
70	Pyrus calleryana 'Chanticleer'	Chanticleer pear	WWW	Medium	Fast	Deciduous	Medium
71	Pyrus kawakamii	Evergreen pear	WWW	Small	Fast	Semi-deciduous	Medium
72	Quercus acutissima	Sawtooth oak	W	Large	Slow	Deciduous	No data in WUCOLS
73	Quercus agrifolia	Coast live oak	W	Large	Slow	Evergreen	Very low
74	Quercus castaneifolia	Chestnut leaf oak	W	Large	Moderate	Deciduous	No data in WUCOLS
75	Quercus cerris	Turkey oak	W	Large	Moderate	Deciduous	No data in WUCOLS
76	Quercus coccinea	Scarlet oak	W	Large	Moderate	Deciduous	Medium
77	Quercus douglasii	Blue oak	W	Large	Very Slow	Deciduous	Very low
78	Quercus ilex	Holly oak	W	Large	Moderate	Evergreen	Low
79	Quercus lobata	Valley oak	WW	Large	Moderate	Deciduous	Low
80	Quercus macrocarpa	Bur oak	W	Large	Slow to Moderate	Deciduous	No data in WUCOLS
81	Quercus phellos	Willow oak	W	Large	Moderate to Fast	Deciduous	No data in WUCOLS
82	Quercus robur 'Fastigiata'	Upright English oak	W	Medium	Moderate	Deciduous	No data in WUCOLS

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83	Quercus rubra	Red oak	W	Large	Slow to Moderate	Deciduous	Medium
84	Quercus shumardii	Shumard oak	W	Large	Moderate to Fast	Deciduous	Medium
85	Quercus suber	Cork oak	WWW	Large	Slow	Evergreen	Low
86	Quercus virginiana	Southern live oak	W	Large	Moderate	Deciduous	Medium
87	Quercus wislizenii	Interior live oak	W	Large	Slow to Moderate	Evergreen	Very Low
88	Sequoia sempervirens	Coast redwood	W	Large	Fast	Evergreen	High
89	Styrax japonicus	Japanese snowbell	WWW	Small	Slow to Moderate	Deciduous	Medium
90	Syringa reticulata 'Ivory Silk'	Japanese lilac	WWW	Small	Moderate	Deciduous	Medium
91	Tilia americana	American linden	WWW	Large	Moderate to Fast	Deciduous	Medium
92	Tilia cordata	Littleleaf linden	WWW	Medium	Moderate to Fast	Deciduous	Medium
93	Tilia tomentosa	Silver linden	WWW	Large	Fast	Deciduous	Medium
94	Ulmus wilsoniana 'Prospector'	Prospector elm	WWW	Medium	Moderate to Fast	Deciduous	No data in WUCOLS
95	Ulmus japonica x wilsoniana 'Triumph'	Triumph elm	WWW	Large	Moderate to Fast	Deciduous	No data in WUCOLS
96	Ulmus japonica x wilsoniana 'Accolade'	Accolade elm	WWW	Large	Moderate to Fast	Deciduous	No data in WUCOLS
97	Ulmus parvifolia 'Frontier'	Frontier elm	WWW	Medium	Moderate to Fast	Deciduous	Medium
98	Ulmus propinqua 'Emerald Sunshine'	Emerald Sunshine elm	WWW	Medium	Fast	Deciduous	No data in WUCOLS
99	Umbellularia californica	California laurel	WW	Large	Moderate	Evergreen	Medium
100	Vitex agnus-castus	Chaste tree	W	Small	Fast	Deciduous	Low
101	Zelkova serrata	Zelkova	WWW	Large	Moderate	Deciduous	Medium
102	Zelkova serrata 'Musashino'	Narrow Zelkova	WWW	Large	Moderate	Deciduous	Medium

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\* *WUCOLS: Water Use Classification of Landscape Species by Larry Costello, 1999.*