

## City of Willows Master Tree List

<b>Deciduous Trees</b>										
Common Name	Botanical Name	Minimum Parkway Width	Minimum Setback	Near Power Lines	Mature Size (feet)		Leaf Color		Bark Color	Description
					Height	Width	Spring	Fall		
Crape Myrtle	Lagerstroemia indica Indian Tribes cultivars	4'	2'	Yes	20	20	Dark green	Yellow	Tan	Small decorative tree. Slow growth. Round headed single trunk, or multi-trunk vase shaped trees. Crinkled, crepe-like flowers bloom in clusters during summer. Heat tolerant and drought resistant once established. Indian Tribe named cultivars resist mildew. They include Catawba (purple), Cherokee (red), Potomac (pink), Seminole (pink), and Powhatan (lavender).
Redbud	Cercis canadensis cultivars	4'	2'	Yes	30	20	Rich green	Yellow, purple	Dark red	Small decorative tree. Moderate growth. Round headed tree of heart shaped leaves 3" to 6" wide. Profusion of white, bright pink, red or purple blossoms before leaves in spring. Relatively pest and disease free.
European Hackberry	Celtis australis	10'	6'	No	60	40	Medium green	Yellow	Gray	Large shade tree. Rapid growth. Tooth-edged leaves 2" to 5" long cover large round crowned tree. Relatively pest and disease resistant requiring little attention.
Flowering Crabapple	Malus cultivars	4'	2'	Yes	20 to 30	20 to 30	green or purple	Yellow, red, purple		Small decorative tree. Moderate to rapid growth. Select varieties that produce small, few, or no fruit and are rust resistant. Leaves are pointed ovals and often fuzzy. Profusion of blooms in early spring in various shades of white, pink, and red. Tolerant of most soil conditions and heat. Relatively pest and disease free.
Flowering Pear	Pyrus calleryana cultivars	4'	2'	Yes	30	20	Dark Green	Red or Purple	Brown	Medium sized decorative/shade tree. Moderate growth. Early spring bloom of white blossoms cover tree. Glossy leaves 2" to 3" oval have scalloped edges. Small inedible fruit may appear in summer. Roots deep. Tolerates most soil conditions.

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Chinese Flame Tree	<i>Koelreuteria bipinnata</i>	5'	3'	Yes	40	20	Dark green	Yellow	Brown	Medium sized shade/decorative tree. Slow to moderate growth. Round headed tree with 3" oblong leaves in clusters. Yellow flowers in summer turn into rose colored papery seed capsules. Tolerates most soil conditions and is relatively pest and disease free.
Goldenrain Tree	<i>Koelreuteria paniculata</i>	5'	3'	Yes	30	30	Dark green	Yellow	Brown	Medium sized shade tree. Slow to moderate growth. Round headed tree with 3" oblong leaves in clusters. Yellow flowers in summer turn into buff colored seed capsules like Japanese lanterns. Tolerates most soil conditions and is relatively pest and disease free.
Idaho Locust	<i>Robinia ambigua 'Idahoensis'</i>	5'	3'	Yes	30	30	Medium green	Yellow	Grayish brown	Medium sized decorative/ shade tree. Moderate to rapid growth. Shapely tree with divided leaves of many 1" rounded leaflets. Magenta colored bloom clusters to 8" long hang from tree in spring. Tolerates poor soil, heat, and drought once established.
Japanese Maple	<i>Acer palmatum</i> cultivars	3'	2'	Yes	10 to 20	10 to 20	Green or purple	Scarlet, red, yellow	Gray	Small decorative tree. Moderate growth. Select from taller cultivars. Best grown in semi-shaded areas out of hot afternoon sun. Protect from hot drying winds. Delicate five to seven fingered leaves cover the round-headed crown. Relatively pest and disease free.
London Plane Tree	<i>Platanus acerifolia</i> "Bloodgood" or 'Liberty'	8'	5'	No	60	30	Medium green	Russet	Cream, tan	Large shade tree. Rapid growth. 3 to 5 fingered leaves to 10" wide. Pyramid shape when young grows into well rounded tree at maturity. Tolerates most soil conditions and heat. Pest and disease resistant.

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Maidenhair Tree	Ginkgo biloba cultivars	8'	4'	No	50	30	Light green	Yellow	Brown	Large shade tree. Moderate to rapid growth. Plant male trees only. Leaves are fan-like, 1" to 4" wide. Gawky when young, mature into well proportioned cone shaped tree. Pest and disease resistant.
Pin Oak	Quercus palustris	8'	4'	No	60	40	Dark Green	Yellow, Red, Brown	Brownish gray	Large shade tree. Moderate to rapid growth. Pyramid form when young, open round head at maturity. Deeply cut 6" pointed lobe leaves. Brown leaves hang on in winter. Relatively pest and disease resistant.
Raywood Ash	Fraxinus oxycarpa 'Raywood'	5'	3'	Yes	40	20	Dark green	Purple	Gray	Medium sized shade tree. Rapid growth. Compact round-headed tree with pointed leaflets to 3" long. Tolerant of heat and most soils. Seedless.
Saucer Magnolia	Magnolia soulangiana cultivars	4'	2'	Yes	20 to 30	20 to 30	Medium to dark green	Yellow	Gray	Small decorative tree. Moderate growth. Best grown in semi-shaded areas out of hot afternoon sun. Protect from hot drying winds. Usually multi-trunked vase shaped trees with oval leaves to 5" long. Showy tulip shaped blooms in early spring of white, purple, or pink. Fairly pest and disease resistant.
Scarlet Oak	Quercus coccinea	8'	4'	No	60	40	Bright Green	Bright Scarlet	Dark brown	Large shade tree. Moderate to rapid growth. High, light, open branching habit. Deeply cut pointed lobe leaves to 6" long. Roots grow deep. Relatively pest and disease resistant. Prefers deep fertile soil.
Scholar Tree	Sophora japonica cultivars	6'	4'	Yes	20 to 50	10 to 40	Dark green	Yellow	Dark gray	Small to medium sized decorative or shade tree. Moderate to rapid growth. Fine textured round canopy. Showy whit to yellow flowers in summer. Tolerates most soil conditions. Pest and disease resistant.

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Tulip Tree	Liriodendron tulipifera	8'	4'	No	80	30	Light green	Yellow, Brown	Brown	Large shade tree. Rapid growth. Tall columnar tree has lobed leaves to 6" wide. Greenish yellow tulip shaped flowers 2" wide are somewhat hidden by leaves in spring. Tolerates most soil conditions.
Tupelo	Nyssa sylvatica	6'	3'	No	60	30	Dark green	Red	Red tinged	Large shade tree. Slow to moderate growth. Pyramidal when young, spreading, rugged with age. Oval leaves 2" to 5" long come out late in spring. Tolerates adverse conditions. Tiny fruit attracts birds.
Willow Oak	Quercus phellos	10'	6'	No	70	40	Medium Green	Yellow	Brown	Large shade tree. Moderate to rapid growth. Slender pyramid form when young, open and spreading at maturity. Leaves resemble willow leaves, 3" to 5" long, 1/3" to 1" wide. May hold dead leaves into winter. Wind tolerant. No serious pests or diseases.
Zelkova	Zelkova serrata 'Green Vase' or 'Village Green'	8'	4'	No	50	40	Dark green	Yellow, brown	Grayish brown	Large shade tree. Moderate growth. 2" to 3" long leaves margined with sawtooth pattern. Large round crown sometimes pendulous. Tolerant of most soils. Pest and disease resistant.

## City of Willows Master Tree List

<b>Evergreen Trees</b>									
Common Name	Botanical Name	Minimum Parkway Width	Minimum Setback	Near Power Lines	Mature Size (feet)		Leaf/Needle Color	Bark Color	Description
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Atlas Cedar	<i>Cedrus atlantica</i>	8'	5'	No	50	30	Blue green	Gray	Large decorative tree. Slow to moderate growth. Open angular growth in youth becomes dense with age. Cones fall from tree a scale at a time. Drought tolerant once established. Pest and disease resistant.
Australian Willow	<i>Geijera parvifolia</i>	4'	2'	Yes	30	20	Medium green	Gray	Small decorative/shade tree. Moderate to rapid growth. Graceful tree is named for its narrow medium green leaves that make the tree resemble weeping willow. Provides light shade. Pest and disease free.
Bay Laurel	<i>Laurus nobilis</i>	5'	3'	Yes	30	20	Dark green	Gray	Small to medium sized decorative tree. Slow to moderate growth. Compact cone shaped tree with leathery, aromatic, 3" oval leaves. Leaves used as cooking spice. Tolerant of most soil conditions. Pest and disease resistant.
Canary Island Pine	<i>Pinus canariensis</i>	8'	5'	No	70	20	Dark green	Brown	Large decorative tree. Rapid growth. Pyramid shape when young, maturing to open crown tree. 10" needles and few 7" cones. Relatively pest and disease free.
Coast Redwood	<i>Sequoia sempervirens</i>	12'	8'	No	100+	30	Medium to dark green above, grayish below	Dark red	Large decorative tree. Moderate to rapid growth. Cone shaped tree grows well with ample water and deep fertile soil. 1" needles vary in color dependent on cultivar. Relatively pest and disease free.
Cork Oak	<i>Quercus Suber</i>	6'	4'	No	60	60	Shiny dark green above, gray below	Gray	Medium to large shade tree. Slow to moderate growth. Tooth edged leaves to 3". Trunk and lower limbs covered with cork bark which provides a rugged appearance. Tolerates most soil conditions. Drought tolerant once established. Pest and disease resistant.

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Deodar Cedar	Cedrus Deodara	8'	5'	No	70	30	Medium green	Gray	Large decorative/shade tree. Rapid growth. Graceful conifer with weeping branch tips. Cones fall from tree a scale at a time. Drought tolerant once established. Pest and disease resistant.
Holly Oak	Quercus ilex	6'	4'	No	50	40	Dark green above, silver below	Gray	Medium to large shade tree. Slow to moderate growth. Holly-like 2" long leaves grow on round headed crown. Tolerates wind and most soil conditions. Pest and disease resistant.
Incense Cedar	Calocedrus decurrens	8'	5'	No	60	30	Medium green	Dark red	Large decorative tree. Moderate growth. Symmetrical tree with narrow pyramid crown. Flat spray foliage. Small cones. Drought tolerant once established. Relatively pest and disease resistant.
Italian Stone Pine	Pinus pinea	10'	6'	No	50	40	Bright to gray green	Brown	Large shade tree. Moderate growth. Bushy globe when young, broad, striking crown with age. Tolerates heat and drought. Relatively pest and disease free.
Interior Live Oak	Quercus wislizenii	6'	4'	No	60	60	Glossy green	Gray	Medium to large shade tree. Slow to moderate growth. Oblong 3" leaves on dense crown. Gawk young trees mature into native California beauty. Drought resistant. Relatively pest and disease resistant.