

Tree Species List for Planting and Replacement

Scientific Name	Common Name	Flower Color	Bloom Period	Fruit	Foliage Color	Foliage Texture	Growth Form	Height, Mature (metres)	Width, Mature (metres)	Evergreen	Tree Shape	Drought Tolerant	Exposure	Soil Conditions
<i>Acer campestre</i>	Hedge maple	Yellow	Spring	No	Green	Medium	Single Stem	10	7	No	Oval - Open	No	Full Sun - Part Shade	Acidic - Well Drained
<i>Acer circinatum</i>	Vine maple	Green	Spring	No	Green	Medium	Single Stem	7	7	No	Irregular - Arching	No	Full Sun - Part Shade	Acidic - Well Drained
<i>Acer glabrum</i> var. <i>douglasii</i>	Rocky Mountain maple	Green	Late Spring	No	Green	Coarse	Multiple Stem	10		No	Oval - Upright	No	Full Sun - Part Shade	Well Drained
<i>Acer grandidentatum</i>	Bigtooth maple	Yellow	Spring	No	Green	Medium	Single Stem	10	10	No	Rounded - Dense	No	Full Sun - Part Shade	Well Drained
<i>Acer nigrum</i>	Black maple	Yellow	Late Spring	No	Green	Medium	Single Stem	20	12	No	Rounded - Dense	No	Full Sun - Part Shade	Well Drained
<i>Acer pensylvanicum</i>	Moosewood maple	Yellow	Late Spring	No	Green	Medium	Single Stem	10	7	No	Oval - Upright	No	Full Sun - Deep Shade	Well Drained
<i>Acer platanoides</i> **	Norway maple	Green	Early Spring	Yes	Green	Medium	Single Stem	15	12	No	Rounded - Dense	No	Full Sun - Part Shade	Well Drained
<i>Acer pseudoplatanus</i>	Sycamore maple	Green	Late Spring	Yes	Yellow-Green	Coarse	Single Stem	22	25	No	Oval - Upright	No	Full Sun - Part Shade	Well Drained
<i>Acer rubrum</i>	Red maple	Red	Early Spring	Yes	Green	Medium	Single Stem	22	15	No	Oval - Open	No	Full Sun	Acidic
<i>Acer saccharinum</i>	Silver maple	Yellow	Early Spring	Yes	Green	Medium	Single Stem	30	15	No	Oval - Spreading	Yes	Full Sun	Acidic - Well Drained
<i>Acer saccharum</i> **	Sugar maple	Green	Mid Spring	No	Green	Coarse	Single Stem	22	15	No	Oval - Dense	Yes	Full Sun	Humus - Well Drained
<i>Acer tataricum</i> ssp. <i>ginnala</i>	Amur maple	White	Mid Spring	Yes	Green	Medium	Multiple Stem	5	5	No	Round - Arching	No	Full Sun	Well Drained
<i>Aesculus flava</i>	Yellow buckeye	Yellow	Late Spring	Yes	Green	Coarse	Single Stem	22	15	No	Round - Upright	No	Full Sun - Part Shade	Humus Rich
<i>Aesculus glabra</i>	Ohio buckeye	Green	Mid Spring	Yes	Green	Coarse	Single Stem	12	12	No	Oval - Broad	No	Full Sun - Part Shade	Well Drained
<i>Aesculus hippocastanum</i>	Horse-chestnut	White	Spring	Yes	Green	Coarse	Single Stem	30	25	No	Round - Open	No	Full Sun - Part Shade	Well Drained
<i>Aesculus pavia</i>	Red buckeye	Red	Late Spring	Yes	Yellow-Green	Coarse	Single Stem	5	5	No	Dense - Shrubby	No	Full Sun - Part Shade	Well Drained
<i>Albizia julibrissin</i>	Silktree	White	Mid Summer	Yes	White-Gray	Fine	Single Stem	7	5	No	Horizontal	Yes	Full Sun	Well Drained
<i>Amelanchier arborea</i>	Common serviceberry	White	Mid Spring	Yes	Dark Green	Fine	Single Stem	12	6	No	Oval - Open	No	Full Sun	Well Drained
<i>Amelanchier laevis</i>	Allegheny serviceberry	White	Early Spring	Yes	Green	Medium	Multiple Stem	9	9	No	Round - Irregular	No	Part Sun - Part Shade	Moist Well Drained
<i>Arbutus menziesii</i>	Pacific madrone	White	Mid Spring	Yes	Dark Green	Medium	Single Stem	30	15	Yes	Oval - vertical	Yes	Full Sun	Acidic - Rocky - Dry
<i>Asimina triloba</i>	Pawpaw	Purple	Mid Spring	No	Dark Green	Coarse	Single Stem	8	8	No	Conical - Open	No	Full Sun - Partial Shade	Acidic - Wet
<i>Carpinus caroliniana</i>	Musclewood	Orange	Mid Spring	No	Green	Medium	Multiple Stem	10	7	No	Oval - Spreading	No	Full Sun - Part Shade	Moist
<i>Catalpa speciosa</i> **	Northern catalpa	White	Early Summer	Yes	Dark Green	Medium	Single Stem	35	15	No	Columnar - Arching	No	Full Sun - Part Shade	Moist
<i>Cedrus atlantica</i>	Blue Atlas cedar	Brown	Fall	Yes	Blue - Green	Fine	Single Stem	30	10	Yes	Pyramidal - Open	No	Full Sun	Acidic - Well Drained
<i>Cedrus deodora</i>	Deodar cedar	Brown	Fall	Yes	Blue - Green	Fine	Single Stem	18	12	Yes	Horizontal - Spreading	No	Full Sun	Moist Acidic Well Drained
<i>Cedrus libani</i>	Cedar of Lebanon	Brown	Fall	Yes	Green	Fine	Single Stem	5	3	Yes	Oval - Upright	Yes	Full Sun	Rocky and Dry
<i>Celtis occidentalis</i>	Common hackberry	Green	Mid Spring	No	Green	Coarse	Single Stem	15	15	No	Upright - Branching	No	Full Sun - Part Shade	Wet Rich Well Drained
<i>Cercidiphyllum japonicum</i>	Katsura tree	Red/White	Mid Spring	No	Green	Medium	Single Crown	22	10	No	Oval - Stiff Upright	No	Full Sun	Acidic - Well Drained
<i>Cercis canadensis</i>	Eastern redbud	Purple	Spring	Yes	Green	Coarse	Multiple Stem	10	10	No	Round - Spreading	No	Full Sun	Humus Rich - Well Drained
<i>Cladrastis lutea</i>	Kentucky yellowwood	White	Early Summer	Yes	Green	Medium	Single Stem	12	12	No	Upright - Branching	No	Full Sun	Well Drained
<i>Cornus alternifolia</i>	Alternatleaf dogwood	White	Mid Spring	Yes	Dark Green	Medium	Multiple Stem	8	10	No	Horizontal - Spreading	No	Full Sun - Part Shade	Acidic Rich Well Drained
<i>Cornus kousa</i>	Pink flowering dogwood	Pink	Mid Spring	No	Green	Medium	Single Crown	10	10	No	Oval - Dense	No	Part Sun - Part Shade	Acidic - Well Drained
<i>Cornus nuttallii</i> x	Eddie's White Wonder	White	Mid Spring	Yes	Green	Medium	Single Crown	10	6	No	Oval - Arching	No	Full Sun - Light Shade	Rich Well Drained - Sandy
<i>Cornus nuttallii</i>	Pacific dogwood	Green	Mid Spring	Yes	Green	Medium	Multiple Stem	22	10	No	Oval - Arching	No	Full Sun - Deep Shade	Well Drained
<i>Crataegus crus-galli</i>	Cockspur hawthorn	White	Late Spring	Yes	Green	Medium	Single Stem	9	7	No	Oval - Spreading	Yes	Full Sun - Part Shade	Dry - Rocky
<i>Crataegus x lavallei</i>	Lavalle Hawthorn	White	Spring	Yes	Green	Medium	Single Stem	10	7	No	Oval - Upright	Yes	Full Sun	Well Drained
<i>Fagus grandifolia</i> **	American beech	Yellow	Mid Spring	No	Green	Medium	Single Stem	30	25	No	Oval - Spreading	No	Full Sun - Deep Shade	Humus Rich - Well Drained
<i>Fagus sylvatica</i>	'Dawycck Purple'	Brown	Fall	Yes	Purple	Medium	Single Stem	15	4	No	Columnar - Narrow	Yes	Full Sun - Light Shade	Well Drained
<i>Fagus sylvatica</i>	'Dawycck Gold'	Brown	Fall	Yes	Yellow	Medium	Single Stem	15	3	No	Columnar - Narrow	Yes	Full Sun - Light Shade	Well Drained
<i>Fraxinus americana</i> **	White ash	Yellow	Mid Spring	Yes	Green	Fine	Single Stem	15	10	No	Oval - Dense	No	Full Sun	Well Drained
<i>Fraxinus excelsior</i>	European ash	Brown	Spring	Yes	Green	Medium	Single Stem	30	20	No	Oval - Upright	No	Full Sun	Well Drained
<i>Fraxinus excelsior</i>	Golden Desert	Brown	Spring	Yes	Green	Medium	Single Crown	15	5	No	Rounded - Dense	No	Full Sun	Moist - Well Drained
<i>Fraxinus latifolia</i>	Oregon ash	Green	Mid Spring	No	Green	Medium	Single Crown	25	25	No	Oval - Spreading	No	Full Sun - Part Shade	Moist Rocky
<i>Fraxinus nigra</i>	Black ash	White	Early Spring	No	Green	Coarse	Single Crown	20	12	No	Oval - Spreading	No	Full Sun - Part Shade	Bog
<i>Fraxinus oxycarpa</i> 'Raywoodii'	Raywood ash	White	Early Spring	No	Green	Coarse	Single Crown	30	12	No	Oval -	Yes	Full Sun	Well Drained
<i>Fraxinus pennsylvanica</i> **	Green ash	Green	Late Spring	No	Yellow-Green	Coarse	Single Crown	15	15	No	Oval - Spreading	No	Full Sun	Well Drained
<i>Ginkgo biloba</i>	Maidenhair tree	Green	Fall	Yes	Green	Medium	Single Crown	30	10	No	Oval - Open	Yes	Full Sun	Well Drained
<i>Ginkgo biloba</i>	'Princeton Sentry'	Green	Spring	Yes	Green	Fine	Single Crown	25	12	Yes	Columnar - Upright	No	Full Sun	Moist Sandy - Well Drained
<i>Gleditsia triacanthos</i>	Honeylocust	Yellow	Late Spring	Yes	Green	Medium	Single Crown	22	15	No	Irregular - Open	No	Full Sun	Well Drained
<i>Gymnocladia dioica</i>	Kentucky coffee tree	White	Early Summer	Yes	Green	Coarse	Single Crown	22	10	No	Oval - Upright	No	Full Sun	Well Drained
<i>Juglans cinerea</i>	Butternut	Green	Late Spring	Yes	Green	Coarse	Single Stem	20	20	No	Rounded - Broad	No	Full Sun	Moist Well Drained
<i>Juglans nigra</i> **	Black walnut	Yellow	Late Spring	Yes	Green	Medium	Single Stem	30	25	No	Oval - Horizontal	No	Full Sun	Well Drained
<i>Juglans regia</i> **	English walnut	White	Mid Spring	Yes	Green	Coarse	Single Stem	20	20	No	Rounded - Spreading	No	Full Sun	Moist Rich Well Drained
<i>Koeleruteria paniculata</i>	Golden rain tree	Yellow	Late Spring	Yes	Green	Fine	Single Stem	10	10	No	Irregular - Open	No	Full Sun	Humus Rich - Well Drained
<i>Liquidambar styraciflua</i>	American sweetgum	Green	Mid Spring	Yes	Green	Medium	Single Stem	22	15	No	Oval - Open	No	Full Sun	Acidic
<i>Liriodendron tulipifera</i>	Tuliptree	Yellow	Mid Spring	Yes	Green	Medium	Single Stem	32	25	No	Oval - Spreading	No	Full Sun - Part Shade	Acidic - Well Drained
<i>Maclura pomifera</i>	Osage orange	Green	Late Spring	Yes	Green	Coarse	Single Stem	15	10	No	Oval - Spreading	No	Full Sun - Part Shade	Acidic - Well Drained
<i>Magnolia x soulangeana</i>	Saucer magnolia	Purple	Early Spring	Yes	Dark Green	Coarse	Single Stem	7	7	No	Oval - Spreading	No	Full Sun - Part Shade	Acidic - Well Drained
<i>Magnolia acuminata</i>	Cucumber-tree	Yellow	Mid Spring	Yes	Green	Coarse	Single Stem	30	10	No	Pyramidal - Open	No	Full Sun - Part Shade	Moist Rich Well Drain Loam
<i>Magnolia grandiflora</i>	Southern magnolia	White	Mid Spring	Yes	Green	Coarse	Single Stem	15	10	Yes	Oval - Dense	No	Full Sun - Part Shade	Well Drained
<i>Magnolia x</i>	'Galaxy'	Purple	Mid Spring	Yes	Green	Medium	Single Crown	10	7	No	Pyramidal - Upright	No	Full Sun - Part Shade	Well Drained
<i>Metasequoia glyptostroboides</i>	Dawn redwood	Brown	Mid Spring	Yes	Green	Fine	Single Stem	40	5	No	Pyramidal - Narrow	No	Full Sun	Acidic Humus Rich Drained
<i>Morus alba</i>	White mulberry	Green	Early Spring	Yes	Green	Medium	Single Stem	10	10	No	Oval - Upright	No	Full Sun	Well Drained
<i>Morus rubra</i>	Red mulberry	Green	Early Spring	Yes	Green	Medium	Single Stem	21	12	No	Rounded - Spreading	No	Full Sun - Part Shade	Moist - Well Drained
<i>Nyssa sylvatica</i>	Blackgum	Green	Late Spring	No	Green	Coarse	Single Stem	22	10	No	Oval - Spreading	No	Full Sun - Part Shade	Acidic - Well Drained
<i>Ostrya virginiana</i>	Hop hornbeam	Yellow	Mid Spring	No	Green	Medium	Single Stem	22	10	No	Oval - Upright	Yes	Full Sun - Part Shade	Well Drained
<i>Oxydendrum arboreum</i>	Sourwood	White	Early Summer	No	Green	Coarse	Single Stem	15	10	No	Columnar - Arching	No	Full Sun - Part Shade	Acidic Humus Rich Drained
<i>Parrotia persica</i>	Persian ironwood	Brown	Spring	No	Green	Medium	Single Crown	15	10	No	Round - Spreading	No	Full Sun	Acidic - Well Drained
<i>Picea abies</i>	Norway spruce	Brown	Spring	Yes	Green	Medium	Single Stem	30	10	Yes	Pyramidal - Stiff	Yes	Full Sun - Part Shade	Acidic - Well Drained

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<i>Picea amerika</i>	Serbian spruce	Brown	Spring	Yes	Green	Medium	Single Stem	20	5	Yes	Pyramidal - Narrow	No	Full Sun - Part Shade	Well Drained
<i>Picea pungens</i>	Colorado spruce	Brown	Fall	Yes	Blue - Green	Medium	Single Stem	20	7	Yes	Pyramidal - Upright	Yes	Full Sun - Light Shade	Well Drained
<i>Picea sitchensis</i>	Sitka spruce	Brown	Late Summer	Yes	Green	Coarse	Single Stem	30	12	Yes	Pyramidal - Upright	No	Full Sun - Part Shade	Acidic - Well Drained
<i>Pinus monticola</i>	Western white pine	Brown	Spring	Yes	Green	Medium	Single Stem	25	10	Yes	Pyramidal - Upright	Yes	Full Sun	Well Drained
<i>Pinus nigra</i>	Austrian pine	Brown	Spring	Yes	Green	Medium	Single Stem	25	10	Yes	Pyramidal - Narrow	Yes	Full Sun	Well Drained
<i>Pinus radiata</i>	Monterey pine	Brown	Spring	Yes	Green	Medium	Single Stem	25	10	Yes	Pyramidal - Rounded	Yes	Full Sun	Dry - Well Drained
<i>Pinus rigida</i>	Pitch pine	Brown	Spring	Yes	Green	Medium	Single Stem	29	13	Yes	Pyramidal - Upright	Yes	Full Sun	Dry - Swamps
<i>Pinus strobus</i>	Eastern white pine	Brown	Late Summer	Yes	Green	Medium	Single Stem	25	12	Yes	Pyramidal - Dense	No	Full Sun	Well Drained
<i>Pinus sylvestris</i>	Scots pine	Brown	Spring	Yes	Green	Medium	Single Stem	22	15	Yes	Columnar - Spreading	Yes	Full Sun	Acidic - Well Drained
<i>Platanus occidentalis</i> **	American sycamore	Red	Spring	Yes	Green	Coarse	Single Stem	30	30	No	Horizontal - Rounded	No	Full Sun	Wet Well Drained
<i>Prunus emarginata</i> **	Bitter cherry	White	Mid Spring	Yes	Green	Fine	Thicket Forming	9	9	No	Oval - Arching	No	Full Sun - Part Shade	Moist Humus Rich Drained
<i>Prunus nigra</i>	Canadian plum	Red	Mid Spring	No	Green	Coarse	Thicket Forming	10	10	No	Oval - Stiff Upright	No	Full Sun	Well Drained
<i>Prunus padus var. commutata</i>	European bird cherry	White	Spring	Yes	Green	Medium	Single Stem	15	15	No	Round - Spreading	Yes	Full Sun	Well Drained
<i>Prunus pensylvanica</i>	Pin cherry	White	Mid Spring	Yes	Green	Medium	Single Stem	12	8	No	Rounded - Spreading	Yes	Full Sun - Part Shade	Sand to Loam Well Drained
<i>Prunus serotina</i> **	Black cherry	White	Late Spring	Yes	Green	Medium	Multiple Stem	25	20	No	Rounded - Narrow	No	Full Sun - Part Shade	Well Drained
<i>Prunus virginiana</i>	Chokecherry	White	Mid Spring	Yes	Green	Medium	Multiple Stem	5	5	No	Oval - Spreading	Yes	Full Sun - Part Shade	Rocky or Well Drained
<i>Pseudotsuga menziesii</i>	Douglas fir	Brown	Mid Spring	Yes	Green	Medium	Single Stem	40	12	Yes	Pyramidal - Wide	No	Full Sun	Acidic Well Drained
<i>Ptelea trifoliata</i>	Common hoptree	Yellow	Early Summer	No	Green	Medium	Single Stem	8	8	No	Rounded - Dense	Yes	Part Shade - Full Shade	Dry Well Drained
<i>Pyrus communis</i>	Common pear	White	Early Spring	Yes	Green	Medium	Single Stem	15	10	No	Oval - Upright	No	Full Sun	Humus Rich - Well Drained
<i>Quercus acutissima</i>	Sawtooth oak	Green	Mid Spring	Yes	Dark Green	Coarse	Single Stem	22	25	No	Round - Spreading	No	Full Sun	Well Drained
<i>Quercus alba</i> **	White oak	Yellow	Mid Spring	Yes	Green	Medium	Single Stem	30	30	No	Rounded - Spreading	No	Full Sun	Rich Moist Acidic Well Drain
<i>Quercus coccinea</i> **	Scarlet oak	Yellow	Mid Spring	Yes	Green	Medium	Single Stem	30	15	No	Round - Open	Yes	Part Sun - Part Shade	Acidic Humus Rich Drained
<i>Quercus falcata</i> **	Southern red oak	Yellow	Mid Spring	No	Green	Coarse	Single Stem	25	17	No	Rounded - Open	Yes	Full Sun	Rich Well Drained Loam
<i>Quercus laurifolia</i> **	Laurel oak	Yellow	Early Spring	Yes	Green	Medium	Single Stem	20	20	No	Round - Broad	No	Full Sun	Acidic Humus Moist
<i>Quercus macrocarpa</i> **	Bur oak	Yellow	Mid Spring	Yes	Green	Medium	Single Stem	15	15	No	Oval - Spreading	Yes	Full Sun - Part Shade	Alkaline Humus Rich
<i>Quercus muehlenbergii</i> **	Chinkapin oak	Yellow	Mid Spring	Yes	Green	Medium	Single Stem	20	35	No	Globular - Open	Yes	Full Sun	Well Drained
<i>Quercus nigra</i> **	Water oak	Yellow	Mid Spring	Yes	Green	Medium	Single Stem	26	20	No	Conical - Rounded	No	Full Sun	Rich Moist Acidic
<i>Quercus palustris</i> **	Pin oak	Yellow	Spring	No	Green	Medium	Colonizing	22	15	No	Pyramidal - Horizontal	No	Full Sun	Acidic Bog Well Drained
<i>Quercus rubra</i> **	Northern red oak	Yellow	Mid Spring	Yes	Green	Medium	Single Stem	30	25	No	Round - Spreading	No	Full Sun	Acidic
<i>Robinia pseudoacacia</i>	Black locust	White	Spring	Yes	Green	Medium	Multiple Stem	15	10	No	Columnar - Arching	Yes	Full Sun	Rocky or Well Drained
<i>Sassafras albidum</i>	Sassafras	Yellow	Late Spring	No	Green	Coarse	Single Stem	23	13	No	Pyramidal - Dense	No	Full Sun - Part Shade	Moist Acidic Loam
<i>Thuja plicata</i>	Western red cedar	Brown	Late Summer	Yes	Green	Coarse	Single Stem	30	15	Yes	Pyramidal - Wide	No	Full Sun - Part Shade	Acidic Well Drained
<i>Tilia americana</i>	American linden	Yellow	Late Spring	No	Green	Medium	Single Stem	30	20	No	Rounded - Ovate	No	Full Sun - Part Shade	Well Drained
<i>Tilia cordata</i>	Little leaf linden	Yellow	Early Summer	No	Green	Fine	Single Stem	30	15	No	Pyramidal - Upright	No	Full Sun	Well Drained
<i>Ulmus americana</i> **	American elm	Green	Early Spring	No	Green	Coarse	Single Stem	30	25	No	Round - Twiggy	No	Full Sun	Well Drained
<i>Ulmus parvifolia</i> **	Chinese elm	Yellow	Late Summer	Yes	Green	Coarse	Single Stem	18	13	No	Rounded - Dense	No	Full Sun	Rich Moist Loams
<i>Ulmus pumila</i>	Siberian elm	Green	Mid Spring	No	Green	Medium	Single Stem	21	30	No	Rounded - Dense	Yes	Full Sun	Dry - Well Drained
<i>Ulmus rubra</i> **	Slippery elm	Yellow	Late Winter	No	Green	Coarse	Single Stem	26	17	No	Vase - Rounded	No	Full Sun - Light Shade	Well Drained
<i>Ulmus thomasii</i> **	Rock elm	Yellow	Mid Spring	No	Green	Coarse	Single Stem	27	20	No	Rounded - Dense	No	Full Sun	Well Drained
<i>Zelkova serrata</i>	Japanese zelkova	Green	Mid Spring	No	Dark Green	Fine	Single Crown	30	25	No	Vase - Arching	Yes	Full Sun - Part Shade	Rocky or Well Drained
Hedge Replacement Trees Only - Not approved to replace a protected tree with DBH >20cm														
<i>Taxus baccata</i>	'Fastigiata'	Red	Spring	No	Green	Medium	Single Stem	8	3	Yes	Columnar	No	Full Sun - Part Shade	Acidic - Well Drained
<i>Taxus brevifolia</i>	Pacific Yew	Red	Spring	Yes	Green	Medium	Single Stem	17	6	Yes	Dense - Vertical	No	Full Sun - Deep Shade	Well Drained
<i>Taxus x media</i>	Yew	Red	Spring	Yes	Green	Medium	Single Stem	6	3	Yes	Oval - Vertical	No	Full Sun - Deep Shade	Humus Rich - Well Drained
<i>Thuja occidentalis</i>	'Samaragd'	Brown	Late Summer	Yes	Green	Coarse	Single Stem	5	1	Yes	Columnar - Stiff	No	Full Sun - Part Shade	Humus Rich - Well Drained