



Tree Genus	Tree Species and Cultivar or Variety	Tree Common Name	Select Cultivars (height, width, growth rate and canopy factor do not reflect Select Cultivars)	Anticipated Mature Height (in feet)	Anticipated Mature Width (in feet)	Growth Rate (Fast 3, Medium 2 or Slow 1)	Canopy Factor (see TMC 13.06.502)	Minimum Planting Strip Width Recommended	Temporary Street Use in Mixed-Use or Downtown (limited root volume areas, air pollution and dense buildings)	Anticipated Safe and Useful Life Expectancy (short: 100 years or less, long: 100 years plus)	Diversity Rating (Based on commonality, insect and disease resistance and climate adaptability)	West Coast Native	
<i>Abies</i>	<i>pinsapo</i>	Spanish fir		50	20	1	10	4		Long	Best		Fall Color
<i>Acer</i>	<i>circinatum</i>	Vine maple	Pacific Fire	15	6	2	1.8	4		Short	Best	X	Evergreen
<i>Acer</i>	<i>griseum</i>	Paperbark maple		25	14	1	3.5	4		Short	Good Alternative		Overhead Utility Friendly
<i>Acer</i>	<i>palmatum</i>	Japanese Maple	Bloodgood, Sango Kaku	20	20	1	4	6		Long	Good Alternative		Ornamental Flowers
<i>Acer</i>	<i>ginnala</i>	Amur maple	Flame	20	20	3	12	4	X	Short	Good Alternative		Small (per TMC 13.06.502)
<i>Acer</i>	<i>campestre</i>	Hedge Maple		28	28	2	15.68	8		Short	Avoid		Medium (per TMC 13.06.502)
<i>Acer</i>	<i>buergeranum</i>	Trident Maple		28	28	3	23.52	4	X	Short	Avoid		Large (per TMC 13.06.502)
<i>Acer</i>	<i>rubrum</i>	Red maple		50	40	2	40	10		Short	Avoid		
<i>Acer</i>	<i>platanooides</i>	Norway maple		50	40	3	60	10		Long	Avoid		
<i>Acer</i>	<i>pseudoplatanus</i>	Sycamore Maple		45	45	3	60.75	10		Long	Avoid		
<i>Amelanchier</i>	<i>alnifolia</i> 'Obelisk'	Standing Ovation Serviceberry		15	3	2	0.9	4	X	Short	Best	X	
<i>Amelanchier</i>	<i>laevis</i> 'Snowcloud'	Snowcloud Serviceberry	Spring Flurry	25	15	2	7.5	4	X	Short	Good Alternative	X	
<i>Amelanchier</i>	<i>x grandiflora</i> 'Autumn Brilliance'	Apple serviceberry	Princess Diana, Cole's Select, Ballerina	20	20	2	8	4	X	Short	Best	X	
<i>Arbutus</i>	<i>unedo</i>	Strawberry tree		20	25	2	10	4	X	Short	Best		
<i>Betula</i>	<i>utilis</i> var. <i>jaquemontii</i>	Jacquemont Birch		40	30	3	36	4	X	Short	Good Alternative		
<i>Betula</i>	<i>nigra</i>	River birch		40	35	3	42	8		Long	Best	X	
<i>Betula</i>	<i>papyrifera</i>	Paper birch		50	30	3	45	8		Long	Best	X	
<i>Calocedrus</i>	<i>decurrens</i>	Incense cedar		40	10	2	8	4	X	Long	Best	X	
<i>Cedrus</i>	<i>deodara</i>	Deodar cedar		70	30	3	63	6		Long	Good Alternative		
<i>Celtis</i>	<i>occidentalis</i>	Hackberry	Prairie Pride	50	40	3	60	4	X	Long	Best		
<i>Cercidiphyllum</i>	<i>japonicum</i> 'Red Fox'	Red Fox katsura tree		30	16	2	9.6	4	X	Short	Best		
<i>Cercidiphyllum</i>	<i>japonicum</i>	Katsura tree		50	25	2	25	4	X	Short	Best		
<i>Cercis</i>	<i>canadensis</i>	Eastern redbud	Forest Pansy	25	20	1	5	4		Short	Best		
<i>Chamaecyparis</i>	<i>obstusa</i>	Hinoki cypress	Gracilis	50	20	1	10	4	X	Long	Best		
<i>Chamaecyparis</i>	<i>pisifera</i>	Sawara cypress		50	15	2	15	4		Long	Best		



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<i>Chamaecyparis</i>	<i>lawsoniana</i>	Port Orford cedar or Lawson Cypress		60	20	3	36	4	X	Long	Good Alternative	X	Fall Color
<i>Chionanthus</i>	<i>virginicus</i>	Chinese Fringe Tree		15	15	1	2.25	4	X	Short	Best		Evergreen
<i>Cladastris</i>	<i>lutea (or kentukea)</i>	Yellowwood		40	40	2	32	6		Long	Best		Overhead Utility Friendly
<i>Cornus</i>	<i>mas</i>	Cornelian Cherry		25	20	2	10	8		Short	Best		Ornamental Flowers
<i>Cornus</i>	<i>kousa x nuttallii 'Starlight'</i>	Starlight Dogwood		30	20	2	12	4		Short	Best	X	Small (per TMC 13.06.502)
<i>Cornus</i>	<i>kousa</i>	Kousa dogwood	Satomi (Pink), Milky Way, Heart Throb (Pink)	25	25	2	12.5	4	X	Short	Best		Medium (per TMC 13.06.502)
<i>Cotinus</i>	<i>coggygria or obovatus</i>	Smoke tree	Grace, Pink Champagne	25	20	1	5	4		Short	Best		Large (per TMC 13.06.502)
<i>Crataegus</i>	<i>crusgalli var. inermis</i>	Thornless Cockspur Hawthorn		25	25	3	18.75	6		Short	Good Alternative		
<i>Crataegus</i>	<i>viridis 'Winter King'</i>	Winter King Hawthorn		25	25	3	18.75	6		Short	Good Alternative		
<i>Crataegus</i>	<i>x lavallei</i>	Carriere Hawthorn		20	15	3	9	6		Short	Good Alternative		
<i>Cryptomeria</i>	<i>japonica 'Black Dragon'</i>	Black Dragon Japanese cedar		15	10	1	1.5	4		Short	Best		
<i>Cryptomeria</i>	<i>japonica 'Elegans'</i>	Japanese plume cedar	Elegans Aurea, Sekkan Sugi, Yoshino	30	10	2	6	8		Long	Best		
<i>Cupressus</i>	<i>arizonica var. glabra 'Blue Ice'</i>	Smooth cypress		30	15	3	13.5	8		Long	Best		
<i>Cupressus</i>	<i>nootkatensis 'Pendula'</i>	Weeping Alaska yellow cedar	Green Arrow, Van Der Akken	35	25	3	26.25	6	X	Long	Best	X	
<i>Cupressus</i>	<i>nootkatensis</i>	Alaska yellow cedar		50	25	3	37.5	6		Long	Best	X	
<i>Davidia</i>	<i>involucrata</i>	Dove tree		30	30	2	18	6		Long	Best		
<i>Eleagnus</i>	<i>angustifolia</i>	Russian olive		20	20	2	8	4	X	Short	Good Alternative		
<i>Eucalyptus</i>	<i>neglecta or parvula</i>	Hardy Silver Gum		40	15	2	12	4		Short	Best		
<i>Eucommia</i>	<i>ulmoides</i>	Hardy rubber tree		50	30	2	30	4	X	Short	Best		
<i>Fagus</i>	<i>sylvatica 'Purple Fountain'</i>	Columnar weeping beech		25	12	3	9	6		Long	Best		
<i>Fagus</i>	<i>sylvatica 'Dawyk'</i>	Fastigate beech	Dawyk Purple, Dawyk Gold	50	10	3	15	4		Long	Best		
<i>Fagus</i>	<i>sylvatica</i>	European beech		80	50	3	120	12		Long	Best		
<i>Franklinia</i>	<i>alatamaha</i>	Franklinia, Franklin tree		25	20	2	10	4	X	Long	Best		



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<i>Fraxinus</i>	<i>excelsior</i> 'Aureafolia'	Golden Desert Ash		20	18	1	3.6	4	X	Short	Good Alternative		Fall Color
<i>Fraxinus</i>	<i>latifolia</i>	Oregon ash		25	15	2	7.5	6			Good Alternative	X	Evergreen
<i>Fraxinus</i>	<i>ornus</i>	Flowering ash		25	15	3	11.25				Good Alternative		Overhead Utility Friendly
<i>Ginkgo</i>	<i>biloba</i>	Maidenhair tree	Autumn Gold, Princeton Sentry	50	40	1	20	4	X	Long	Best		Ornamental Flowers
<i>Halesia</i>	<i>tetraptera</i>	Carolina silverbell		35	30	2	21	6	X	Short	Best		Small (per TMC 13.06.502)
<i>Hamamelis</i>	<i>vernalis</i> 'Purpurea'	Purple Witchazel		10	10	2	2	6		Short	Best		Medium (per TMC 13.06.502)
<i>Hamamelis</i>	<i>x intermedia</i>	Witchhazel	Arnold Promise, Diane, Jelena	20	15	2	6	6		Short	Best		Large (per TMC 13.06.502)
<i>Juniperus</i>	<i>scopulorum</i>	Rocky Mtn juniper	Skyrocket	15	5	3	2.25	4		Short	Best	X	
<i>Koelreuteria</i>	<i>paniculata</i>	Golden-rain tree		25	20	2	10	4	X	Short	Best		
<i>Laburnum</i>	<i>x watereri</i>	Golden chain tree	Vossi	25	20	2	10	4		Short	Best		
<i>Lagerstroemia</i>	<i>indica</i>	Crape myrtle	Muskogee, Zuni, Natchez	20	10	1	2	4	X	Short	Best		
<i>Liquidambar</i>	<i>styraciflua</i>	American Sweetgum		50	30	3	45	10		Short	Avoid		
<i>Liriodendron</i>	<i>tulipifera</i>	Tulip tree		80	50	3	120	12		Long	Best		
<i>Lithocarpus</i>	<i>densiflorus</i>	Tanoak		75	90	3	202.5	6	X	Long	Best		
<i>Maackia</i>	<i>amurensis</i>	Amur Maackia		25	25	2	12.5	4	X		Best		
<i>Magnolia</i>	<i>stellata</i>	Star magnolia		20	15	1	3	6		Short	Best		
<i>Magnolia</i>	'Butterflies'	Butterflies magnolia	Marilyn, Galaxy	20	20	1	4	4		Short	Best		
<i>Magnolia</i>	<i>kobus</i>	Kobus magnolia		35	25	2	17.5	4		Short	Good Alternative		
<i>Magnolia</i>	<i>x soulangeana</i>	Saucer magnolia		30	30	2	18	8		Long	Best		
<i>Malus</i>	<i>sp.</i>	Crabapple	Purple Prince, Golden Raindrops, Sentinel, Snowdrift, Royal Raindrops	20	12	3	7.2	4	X	Short	Good Alternative		
<i>Malus</i>	<i>tschonoskii</i>	Tschonoskii crabapple		35	22	3	23.1	4	X	Short	Best		
<i>Metasequoia</i>	<i>glyptostroboides</i>	Dawn redwood		50	25	2	25	4	X	Long	Best		
<i>Nyssa</i>	<i>sylvatica</i>	Tupelo	Wildfire, Red Rage, Forum	40	30	1	12	4	X	Long	Best		
<i>Ostrya</i>	<i>virginiana</i>	American hophornbeam		40	25	2	20	4	X	Long	Best		
<i>Oxydendrum</i>	<i>arboreum</i>	Sourwood		25	20	1	5	4		Short	Best		
<i>Parrotia</i>	<i>persica</i>	Persian ironwood	Vanessa and Ruby Vase	30	25	2	15	4	X	Long	Best		
<i>Picea</i>	<i>orientalis</i>	Oriental spruce	Skylands, Aureospicata	50	20	2	20	6		Long	Best		



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<i>Picea</i>	<i>abies</i>	Norway spruce		60	20	3	36	6		Long	Good Alternative		Fall Color
<i>Picea</i>	<i>omorika</i>	Serbian spruce	Berliner's Weeper, Pendula	50	25	3	37.5	6	X	Long	Best		Evergreen
<i>Pinus</i>	<i>parviflora</i>	Japanese white pine		25	15	1	3.75	4	X	Long	Best		Overhead Utility Friendly
<i>Pinus</i>	<i>mugo</i>	Mugo Pine		20	20	1	4	10		Short	Best		Ornamental Flowers
<i>Pinus</i>	<i>contorta</i> var. <i>contorta</i>	Shore pine		30	15	1	4.5	8		Long	Best	X	Small (per TMC 13.06.502)
<i>Pinus</i>	<i>flexilis</i> 'Vanderwolf's Pyramid'	Vanderwolf limber pine		40	20	2	16	6		Short	Best	X	Medium (per TMC 13.06.502)
<i>Pinus</i>	<i>ponderosa</i>	Ponderosa pine		100	22	3	66	12				X	Large (per TMC 13.06.502)
<i>Platanus</i>	<i>x acerifolia</i> 'Morton Circle'	Exclamation London plane tree	Ovation ('Morton Euclid')	55	35	2	38.5	8		Long	Good Alternative		
<i>Prunus</i>	<i>virginiana</i> 'Canada Red'	Chokecherry		25	20	3	15	6		Short	Good Alternative	X	
<i>Quercus</i>	<i>robur</i> x <i>bicolor</i> 'Long'	Regal Prince oak		45	18	3	24.3	4			Best		
<i>Quercus</i>	<i>rubra</i> or <i>coccinea</i>	Northern red oak		50	40	3	60	6	X	Long	Good Alternative		
<i>Quercus</i>	<i>garryana</i>	Oregon white oak		60	50	2	60	6		Long	Best	X	
<i>Quercus</i>	<i>bicolor</i>	Swamp white oak		50	50	3	75	6		Long	Best		
<i>Quercus</i>	<i>phellos</i>	Willow oak		50	50	3	75	4	X	Long	Best		
<i>Quercus</i>	<i>macrocarpa</i>	Bur oak		50	50	3	75						
<i>Quercus</i>	<i>imbricaria</i>	Shingle oak		55	50	3	82.5	4	X	Long	Best		
<i>Rhamnus</i>	<i>purshiana</i>	Cascara		25	20	3	15	4	X	Short	Best	X	
<i>Robinia</i>	<i>pseudoacacia</i>	Golden Locust	Frisia	40	30	3	36	4	X	Short	Good Alternative		
<i>Sciadopitys</i>	<i>verticillata</i>	Japanese umbrella pine		25	20	1	5	6		Long	Best		
<i>Sequoia</i>	<i>sempervirens</i>	Coastal redwood		100	25	3	75	12		Long	Best	X	
<i>Sequoiadendron</i>	<i>giganteum</i> 'Pendulum'	Weeping Giant Sequoia		30	2	3	1.8	4	X	Long	Best	X	
<i>Sequoiadendron</i>	<i>giganteum</i>	Giant redwood		100	25	3	75	12		Long	Best	X	
<i>Sequoiadendron</i>	<i>giganteum</i> 'Glaucum'	Blue giant sequoia		50	25	2	25	6		Long	Best	X	
<i>Sophora</i>	<i>japonica</i>	Japanese pagoda tree	Millstone, Regent	40	40	3	48	4	X	Short	Best		
<i>Stewartia</i>	<i>pseudocamellia</i>	Japanese stewartia		50	20	1	10	4	X	Short	Best		
<i>Styrax</i>	<i>japonicus</i>	Japanese snowbell	Snowcone, Pink Chimes	25	25	2	12.5	4		Short	Best		



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<i>Styrax</i>	<i>obassia</i>	Fragrant snowbell		25	25	2	12.5	4		Short	Best		Fall Color
<i>Syringa</i>	<i>reticulata</i>	Japanese tree lilac	Ivory Silk, China Snow, Summer Charm	25	20	2	10	4	X	Short	Best		Evergreen
<i>Taxodium</i>	<i>distichum</i>	Bald cypress		50	25	1	12.5	6		Long	Best		Overhead Utility Friendly
<i>Thuja</i>	<i>plicata</i>	Western red-cedar	Excelsa, Atrovirens	100	25	3	75	6		Long	Best	X	Ornamental Flowers
<i>Tillia</i>	<i>tomentosa</i>	Silver linden	Sterling Silver, Satin Shadow	60	50	3	90	4	X	Long	Best		Small (per TMC 13.06.502)
<i>Trochodendron</i>	<i>aralioides</i>	Wheel tree		20	20	3	12	4		Short	Best		Medium (per TMC 13.06.502)
<i>Tsuga</i>	<i>mertensiana</i>	Mountain hemlock		20	8	1	1.6	4		Long	Best	X	Large (per TMC 13.06.502)
<i>Tsuga</i>	<i>diversifolia</i>	Northern Japanese hemlock		20	20	1	4	6		Long	Best		
<i>Ulmus</i>	'Frontier'			40	30	3	36	6	X	Long	Best		
<i>Ulmus</i>	<i>parviflora</i> 'Emer II Alee'	Emerald Vase elm		50	35	3	52.5	6	X	Long	Best		
<i>Ulmus</i>	<i>japonica x wilsoniana</i> 'Morton Glossy'			55	50	3	82.5	6		Long	Best		
<i>Ulmus</i>	<i>americana</i> 'New Harmony'	New Harmony elm		70	65	3	136.5	8		Long	Best		
<i>Ulmus</i>	<i>japonica x wilsoniana</i> 'Morton'	Accolade Elm		70	60	3	126	12		Long	Best		
<i>Zelkova</i>	<i>serrata</i>	Japanese zelkova	Halka, Green Vase, Village Green, Spring Grove	60	50	2	60	4	X	Long	Best		
<i>Zelkova</i>	<i>carpinifolia</i>	Caucasian elm		60	50	2	60	4	X	Long	Best		