

City of Milwaukie Tree Crown Area Reference List

***For trees not listed below, contact the city for a crown area value**

Revised 09/29/2023



Invasive Species	Do not plant - Required Removal
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Scientific Name	Common Name	Family	Growth Type	Species Type	Approved Street Tree/Shrub	Native Tree	Drought Tolerant	Moist Soil	Utility Safe	Mature Height (feet)	Mature Width (feet)	Mature Crown Area (sq ft)	75% Crown Area (Dev Tree Code Planting Standard)	Average Annual Growth Rate	Estimated Longevity	
Abelia grandiflora	Glossy Abelia	Caprifoliaceae	Shrub	Deciduous		No	No	No	No	6	6	28	21	12-24 inches	<20 years	
Abies amabilis	Silver Fir	Pinaceae	Tree	Evergreen		Yes	No	No	No	100	15	177	132.75	12-24 inches	>150 years	
Abies concolor	White Fir	Pinaceae	Tree	Evergreen		Yes	No	Yes	No	120	15	177	132.75	12-24 inches	>150 years	
Abies fraseri	Fraser Fir	Pinaceae	Tree	Evergreen		No	Yes	Yes	No	40	20	314	235.5			
Abies grandis	Grand Fir	Pinaceae	Tree	Evergreen		Yes	No	Yes	No	200	20	314	235.5	24-36 inches	>150 years	
Abies lasiocarpa	Subalpine Fir	Pinaceae	Tree	Evergreen		Yes	No	Yes	No	90	15	176	132	12 inches	>150 years	
Abies pinsapo	Spanish Fir	Pinaceae	Tree	Evergreen		No	Yes	Yes	No	65	30	707	530.25	4-6 inches	>150 years	
Abies procera	Noble Fir	Pinaceae	Tree	Evergreen		Yes	No	Yes	No	200	20	314	235.5	24-36 inches	>150 years	
Acer campestre	Hedge Maple	Sapindaceae	Tree	Deciduous		No	No	No	Yes	35	25	491	368.25	12 inches	40-150 years	
Acer campestre 'Evelyn'	Queen Elizabeth Hedge Maple	Sapindaceae	Tree	Deciduous		No	No	Yes	No	50	25	491	368.25	12 inches	40-150 years	
Acer capillipes	Japanese Snakebark Maple	Sapindaceae	Tree	Deciduous		No	No	Yes	No	35	35	962	721.5	24 inches	40-150 years	
Acer circinatum	Vine Maple	Sapindaceae	Both	Deciduous	Yes	Yes	No	Yes	Yes	25	20	314	235.5	24 inches	40-150 years	
Acer fremanii 'Scarsen'	Scarlet Sentinel Maple	Aceraceae	Tree	Deciduous		No	Yes	Yes	No	40	20	314	235.5	24 inches	50-150 years	
Acer griseum	Paperbark Maple	Aceraceae	Tree	Deciduous		No	No	Yes	Yes	25	15	177	132.75	12-24 inches	40-150 years	
Acer macrophyllum	Bigleaf Maple	Aceraceae	Tree	Deciduous		Yes	Yes	Yes	No	75	30	707	530.25	36 inches	>150 years	
Acer negundo	Boxelder	Aceraceae	Tree	Deciduous		No	Yes	Yes	No	40	30	707	530.25			
Acer nigrum	Greencolumn Maple	Aceraceae	Tree	Deciduous		No	No	No	No	50	20	314	235.5	12-24 inches	50-150 years	
Acer palmatum	Japanese Maple	Aceraceae	Both	Deciduous	Yes	No	No	Yes	Yes	25	30	707	530.25	12-24 inches	50-150 years	
Acer platanoides	Norway Maple	Aceraceae	Tree	Deciduous		No	No	No	No	50	15	177	132.75	12 inches		
Acer platanoides 'Columnar/broad'	Parkway Maple	Aceraceae	Tree	Deciduous		No	No	No	No	45	15	177	132.75	12 inches	50-150 years	
Acer platanoides 'Crimson'	Crimson Sentry Maple	Aceraceae	Tree	Deciduous		No	Yes	Yes	No	25	15	177	132.75	24 inches	50-150 years	
Acer platanoides 'Emerald Queen'	Emerald Queen Norway	Aceraceae	Tree	Deciduous		No	Yes	Yes	No	50	40	1257	942.75	36 inches	50-150 years	
Acer platanoides 'Globosum'	Globe Norway Maple	Aceraceae	Tree	Deciduous		No	Yes	Yes	Yes	25	25	491	368.25	12-24 inches		
Acer pseudoplatanus	Sycamore Maple	Aceraceae	Tree	Deciduous		No	Yes	No	No	40	25	491	368.25			
Acer rubrum	Red Maple	Aceraceae	Tree	Deciduous		No	Yes	Yes	No	65	40	1257	942.75	36 inches	50-150 years	
Acer rubrum 'Armstrong'	Armstrong Red Maple	Aceraceae	Tree	Deciduous		No	Yes	Yes	No	50	15	177	132.75	36 inches	50-150 years	
Acer rubrum 'Bowhall'	Bowhall Maple	Aceraceae	Tree	Deciduous		No	No	Yes	Yes	No	50	15	177	132.75	24 + inches	50-150 years
Acer rubrum 'Franksred'	Franksred Red Sunset Maple	Aceraceae	Tree	Deciduous		No	No	No	No	45	35	962	721.5	24 + inches	50-150 years	
Acer rubrum 'Karpick'	Karpick Red Maple	Aceraceae	Tree	Deciduous		No	No	Yes	No	45	20	314	235.5	12-24 inches	50-150 years	
Acer saccharinum	Silver Maple	Aceraceae	Tree	Deciduous		No	Yes	No	No	100	40	1257	942.75			
Acer saccharum	Sugar Maple	Sapindaceae	Tree	Deciduous		No	No	Yes	No	50	35	962	721.5	24-36 inches	>150 years	
Acer saccharum 'Bonfire'	Bonfire Sugar Maple	Sapindaceae	Tree	Deciduous		No	No	Yes	No	65	35	962	721.5	24 inches	100-175 years	
Acer saccharum 'Commemoration'	Commemoration Maple	Sapindaceae	Tree	Deciduous		No	No	No	No	50	35	962	721.5	24 inches	50-150 years	
Acer saccharum 'Green Mountain'	Green Mountain Sugar Maple	Sapindaceae	Tree	Deciduous		No	Yes	Yes	No	40	35	962	721.5	24-36 inches	50-150 years	
Acer truncatum	Shantung Maple	Aceraceae	Tree	Deciduous		No	No	Yes	Yes	25	30	707	530.25	24-36 inches	50-150 years	
Acer truncatum x A. platanoides 'Keithsform'	Keithsform Pacific Sunset Maple	Aceraceae	Tree	Deciduous		No	No	No	No	35	25	491	368.25			
Acer truncatum x A. platanoides 'Warrenred'	Warrenred Pacific Sunset Maple	Aceraceae	Tree	Deciduous		No	No	No	No	30	25	491	368.25			
Acer x freemanii	Autumn Blaze Maple	Aceraceae	Tree	Deciduous		No	No	Yes	Yes	No	55	30	707	530.25	24 inches	
Aesculus californica	California Buckeye	Hippocastanaceae	Both	Deciduous		No	Yes	No	Yes	30	40	1257	942.75			
Aesculus x carnea 'Briotii'	Briotii Red Horsechestnut	Hippocastanaceae	Tree	Deciduous		No	No	Yes	No	50	35	962	721.5	24 inches	50-150 years	
Aesculus hippocastanum	Common Horsechestnut	Hippocastanaceae	Tree	Deciduous		No	No	Yes	No	50	50	1963	1472.25			
Ailanthus altissima	Tree-of-Heaven	Simaroubaceae	Tree	Deciduous		No	Yes	No	No	80	20	314	235.5			
Albizia julibrissin	Mimosa/Silk Tree	Fabaceae	Tree	Deciduous		No	Yes	No	Yes	30	15	177	132.75			
Alnus rhombifolia	White Alder	Betulaceae	Tree	Deciduous		Yes	Yes	Yes	No	50	50	1963	1472.25			
Alnus rubra	Red Alder	Betulaceae	Tree	Deciduous		Yes	Yes	Yes	No	50	30	707	530.25		50-70 years	
Amelanchier alnifolia	Saskatoon Serviceberry	Rosaceae	Shrub	Deciduous		Yes	No	No	Yes	15	15	177	132.75	8 inches	40-150 years	
Araucaria araucana	Monkey Puzzle Tree	Araucariaceae	Tree	Evergreen		No	Yes	No	No	80	30	707	530.25			
Arbutus menziesii	Pacific Madrone	Ericaceae	Tree	Evergreen	Yes	Yes	No	No	No	65	50	1963	1472.25	24 inches	>150 years	
Arbutus unedo 'Compacta'	Compact Strawberry Madrone	Ericaceae	Shrub	Evergreen	Yes	No	No	No	Yes	10	10	79	59.25			
Arctostaphylos spp.	Manzanita	Ericaceae	Shrub	Evergreen	Yes	No	Yes	No	Yes	5	5	20	15			
Asimina triloba	Pawpaw	Annonaceae	Both	Deciduous		No	Yes	Yes	Yes	20	15	177	132.75			
Aucuba japonica	Japanese Laurel	Garryaceae	Shrub	Evergreen	Yes	No	Yes	Yes	Yes	8	5	20	15			
Baccharis pilularis	Coyote Bush	Asteraceae	Shrub	Evergreen	Yes	Yes	Yes	No	Yes	6	6	29	21.75			
Berberis buxifolia	Magellan Barberry	Berberidaceae	Shrub	Evergreen		No	No	No	Yes	8	9	64	48			
Berberis darwinii	Darwin Barberry	Berberidaceae	Shrub	Evergreen		No	No	No	Yes	9	11	95	71.25			
Betula papyrifera	Paper Birch	Betulaceae	Tree	Deciduous		No	No	Yes	No	65	25	491	368.25	36 inches		
Betula pendula	European White Birch	Betulaceae	Tree	Deciduous		No	No	Yes	No	50	20	314	235.5			

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<i>Betula uber</i>	Virginia Round-Leaf Birch	Betulaceae	Tree	Deciduous		No	No	Yes	No	50	20	314	235.5		
<i>Betula utilis</i> var. <i>jacquemontii</i>	White Barked Himalayan Birch	Betulaceae	Tree	Deciduous		No	No	Yes	No	65	30	707	530.25	24-36 inches	40-150 years
<i>Calocedrus decurrens</i>	Incense Cedar	Cupressaceae	Tree	Evergreen		No	Yes	No	No	90	15	177	132.75	12-24 inches	>150 years
<i>Camelia japonica</i>	Japanese Camelia	Theaceae	Shrub	Deciduous		No	No	No	No	15	10	79	59.25		
<i>Carpinus betulus</i> 'Fastigiata'	Pyramidal European Hornbeam	Betulaceae	Tree	Deciduous	Yes	No	No	Yes	No	35	25	491	368.25	24 inches	50-150 years
<i>Carpinus betulus</i> 'Frans Fontaine'	Frans Fontain Hornbeam	Betulaceae	Tree	Deciduous	Yes	No	No	Yes	Yes	30	10	79	59.25		
<i>Carpinus caroliniana</i>	American Hornbeam	Betulaceae	Tree	Deciduous		No	Yes	Yes	No	35	30	707	530.25	12-24 inches	50-150 years
<i>Carpinus japonica</i>	Japanese Hornbeam	Betulaceae	Tree	Deciduous	Yes	No	Yes	Yes	Yes	30	25	491	368.25		
<i>Carya illinoensis</i>	Pecan	Juglandaceae	Tree	Deciduous		No	Yes	Yes	No	70	40	1257	942.75		
<i>Castanea dentata</i>	American Chestnut	Fagaceae	Tree	Deciduous		No	Yes	No	No	100	50	1963	1472.25		
<i>Castanea mollissima</i>	Chinese Chestnut	Fagaceae	Tree	Deciduous		No	Yes	No	No	50	40	1257	942.75		
<i>Catalpa bignoniodes</i>	Southern Catalpa	Bignoniaceae	Tree	Deciduous		No	Yes	No	No	40	40	1257	942.75		
<i>Ceanothus</i> spp.	Ceanothus/California Lilac	Rhamnaceae	Shrub	Evergreen	Yes	No	Yes	No	Yes	10	10	79	59.25		
<i>Cedrus deodara</i>	Deodar Cedar	Pinaceae	Tree	Evergreen		No	Yes	No	No	70	40	1257	942.75		
<i>Cedrus atlantica</i>	Atlas Cedar	Pinaceae	Tree	Evergreen		No	Yes	Yes	No	60	30	707	530.25		
<i>Celtis occidentalis</i>	Hackberry	Ulmaceae	Tree	Deciduous	Yes	No	Yes	No	No	65	40	1257	942.75	24-36 inches	50-150 years
<i>Cephalotaxus harringtonia</i>	Japanese Plum Yew	Cephalotaceae	Both	Evergreen	Yes	No	Yes	No	Yes	5	5	20	15	12 inches	50-150 years
<i>Cercidiphyllum japonicum</i>	Katsura Tree	Cercidiphyllaceae	Tree	Deciduous		No	No	Yes	No	40	35	962	721.5		
<i>Cercis canadensis</i>	Eastern Redbud	Fabaceae	Tree	Deciduous	Yes	No	Yes	No	Yes	25	30	707	530.25		
<i>Cercis occidentalis</i>	Western Redbud	Fabaceae	Tree	Deciduous	Yes	No	Yes	No	Yes	15	10	79	59.25		
<i>Cercis siliquastrum</i>	Judas Tree	Fabaceae	Tree	Deciduous		No	Yes	No	No	40	30	707	530.25		
<i>Chamaecyparis lawsoniana</i>	Port Orford Cedar	Cupressaceae	Tree	Evergreen		No	No	No	No	50	15	177	132.75	24 inches	>150 years
<i>Chamaecyparis nootkatensis</i>	Alaska Yellow Cedar	Cupressaceae	Tree	Evergreen		Yes	No	Yes	No	60	30	707	530.25	12-24 inches	>150 years
<i>Chamaecyparis obtusa</i> 'Gracilis'	Slender Hinoki cypress	Cupressaceae	Both	Evergreen	Yes	No	No	No	Yes	15	6	29	21.75	12 inches	>150 years
<i>Chamaecyparis pisifera</i>	Sawara Cypress	Cupressaceae	Tree	Evergreen	Yes	No	Yes	Yes	No	160	15	177	132.75		
<i>Chionanthus retusus</i>	Chinese Fringetree	Oleaceae	Tree	Deciduous	Yes	No	Yes	Yes	Yes	25	30	707	530.25		
<i>Chionanthus virginicus</i>	White Fringetree	Oleaceae	Tree	Deciduous	Yes	No	Yes	Yes	Yes	20	15	177	132.75		
<i>Choisya ternata</i>	Mexican Orange	Rutaceae	Shrub	Evergreen	Yes	Yes	Yes	No	Yes	8	8	50	37.5		
<i>Cistus</i> spp.	Rockrose	Cistaceae	Shrub	Evergreen	Yes	No	Yes	No	Yes	6	8	50	37.5		
<i>Clerodendron trichotomum</i>	Peanut Butter Tree	Verbenaceae	Both	Deciduous		No	Yes	No	Yes	15	10	79	59.25		
<i>Cornus</i> 'Eddie's White Wonder'	Eddie's White Wonder Dogwood	Cornaceae	Tree	Deciduous		No	Yes	Yes	Yes	25	20	314	235.5		
<i>Cornus florida</i>	Eastern Flowering Dogwood	Cornaceae	Tree	Deciduous		No	Yes	Yes	Yes	25	30	707	530.25		
<i>Cornus kousa</i>	Kousa dogwood	Cornaceae	Tree	Deciduous	Yes	No	No	Yes	Yes	25	15	177	132.75	24 inches	50-150 years
<i>Cornus kousa chinensis</i>	Chinese Dogwood	Cornaceae	Tree	Deciduous	Yes	No	No	Yes	Yes	25	15	177	132.75	24 inches	50-150 years
<i>Cornus mas</i>	Cornelian Cherry Dogwood	Cornaceae	Tree	Deciduous		No	No	Yes	Yes	20	15	177	132.75	24 inches	50-150 years
<i>Cornus nuttallii</i>	Pacific Dogwood	Cornaceae	Tree	Deciduous		Yes	No	Yes	No	50	50	1963	1472.25	24 inches	50-150 years
<i>Cornus sericea</i>	Redtwig Dogwood	Cornaceae	Shrub	Deciduous		Yes	Yes	Yes	Yes	20	10	79	59.25	24 inches	50-150 years
<i>Cornus sericea</i> 'Flaviramea'	Yellowtwig Dogwood	Cornaceae	Shrub	Deciduous		No	Yes	Yes	Yes	6	6	28	21		
<i>Cornus x 'Rutgan'</i>	Stellar Pink Dogwood	Cornaceae	Tree	Deciduous		No	No	Yes	Yes	15	15	177	132.75	24 inches	50-150 years
<i>Corylus cornuta</i>	Beaked Hazelnut	Betulaceae	Tree	Deciduous		Yes	No	No	Yes	10	10	79	59.25	12 inches	50-150 years
<i>Cotoneaster salicifolius</i>	Willowleaf Cotoneaster	Rosaceae	Shrub	Deciduous		No	Yes	No	Yes	20	6	29	21.75	24-36 inches	40-150 years
<i>Crataegus laeovigata</i>	English Hawthorn	Rosaceae	Tree	Deciduous		No	Yes	No	Yes	25	15	177	132.75	24 inches	
<i>Crataegus phaenopyrum</i>	Washington Hawthorne	Rosaceae	Tree	Deciduous		No	No	No	No	30	25	491	368.25	24 inches	50-150 years
<i>Crataegus x lavalii</i>	Lavalle Hawthorne	Rosaceae	Tree	Deciduous		No	No	No	Yes	25	15	177	132.75	24 inches	50-150 years
<i>Cryptomeria japonica</i>	Japanese Cedar	Taxodiaceae	Tree	Evergreen	Yes	No	No	Yes	No	50	20	314	235.5		
<i>Cunninghamia lanceolata</i>	China Fir	Cunninghamia	Tree	Evergreen	Yes	No	Yes	No	No	50	30	707	530.25		
<i>Cupressocyparis leylandii</i>	Leyland Cyprus	Cupressaceae	Tree	Evergreen		No	No	No	No	50	20	314	235.5	36 inches	40-150 years
<i>Cupressus arizonica</i>	Arizona Cypress	Cupressaceae	Tree	Evergreen	Yes	No	Yes	No	No	40	20	314	235.5		
<i>Cupressus bakeri</i>	Baker Cypress	Cupressaceae	Tree	Evergreen	Yes	Yes	Yes	No	No	50	35	962	721.5		
<i>Cupressus lusitanica</i>	Cedar-of-Goa	Cupressaceae	Tree	Evergreen	Yes	No	Yes	No	No	100	35	962	721.5		
<i>Cupressus sempervirens</i>	Mediterranean/Italian Cypress	Cupressaceae	Tree	Evergreen	Yes	No	Yes	No	No	40	6	28	21		
<i>Cupressus sempervirens</i> 'Stricta'	Columnar Italian Cypress	Cupressaceae	Tree	Evergreen	Yes	No	Yes	No	No	40	3	7	5.25		
<i>Davidia involucrata</i>	Dove Tree	Nyssaceae	Tree	Deciduous	Yes	No	No	Yes	No	60	35	962	721.5		
<i>Edgeworthia papyrifera</i>	Paper Bush	Thymelaeaceae	Shrub	Deciduous		No	Yes	No	Yes	6	6	28	21		
<i>Elaeagnus pungens</i>	Silverberry	Elaeagnaceae	Tree	Evergreen		No	Yes	No	Yes	20	15	177	132.75	36 inches	40-150 years
<i>Eucommia ulmoides</i> 'Empozam'	Hardy Rubber Tree	Eucommiaceae	Tree	Deciduous	Yes	No	Yes	No	No	60	40	1257	942.75		
<i>Euonymus japonicus</i> 'Microphyllus'	Box-leaf Euonymus	Celastraceae	Shrub	Evergreen	Yes	No	Yes	Yes	Yes	3	3	7	5.25		

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<i>Fagus grandifolia</i>	American Beech	Fagaceae	Tree	Deciduous		No	Yes	No	No	80	70	3848	2886		
<i>Fagus sylvatica</i>	European Beech	Fagaceae	Tree	Deciduous	Yes	No	No	Yes	No	65	40	1257	942.75	24 inches	50-150 years
<i>Fagus sylvatica</i> 'Riversii'	Rivers Purple European Beech	Fagaceae	Tree	Deciduous		No	No	Yes	No	50	40	1257	942.75	24 inches	50-150 years
<i>Fraxinus americana</i>	Autumn Applause Ash	Oleaceae	Tree	Deciduous		No	No	Yes	No	80	50	1963	1472.25	36 inches	>150 years
<i>Fraxinus latifolia</i>	Oregon Ash	Oleaceae	Tree	Deciduous		Yes	No	Yes	No	80	70	3848	2886		
<i>Fraxinus oxycarpa</i> 'Raywood'	Raywood Ash	Oleaceae	Tree	Deciduous		No	Yes	No	No	50	25	491	368.25	36 inches	50-150 years
<i>Fraxinus pennsylvanica</i> 'Patmore'	Patmore Ash	Oleaceae	Tree	Deciduous		No	No	No	No	50	35	962	721.5	36 inches	50-150 years
<i>Fraxinus pennsylvanica</i> 'Urbanite'	Urbanite Ash	Oleaceae	Tree	Deciduous		No	No	No	No	50	30	707	530.25	36 inches	50-150 years
<i>Garrya elliptica</i>	Coast Silktassel	Garryaceae	Shrub	Evergreen	Yes	Yes	Yes	No	Yes	8	8	50	37.5		
<i>Garrya fremontii</i>	Fremont Silktassel	Garryaceae	Shrub	Evergreen	Yes	Yes	Yes	Yes	Yes	5	8	50	37.5		
<i>Gaultheria shallon</i>	Salal	Ericaceae	Shrub	Evergreen		Yes	Yes	Yes	Yes	3	5	20	15		
<i>Ginkgo biloba</i> 'Autumn Gold'	Autumn Gold Ginkgo	Ginkgoaceae	Tree	Deciduous	Yes	No	No	No	Yes	25	25	491	368.25	12-24 inches	>150 years
<i>Ginkgo biloba</i> 'Princeton Sentry'	Princeton Sentry Ginkgo	Ginkgoaceae	Tree	Deciduous	Yes	No	No	Yes	No	60	10	79	59.25	24 inches	50-150 years
<i>Gleditsia triacanthos</i> 'Shademaster'	Shademaster Honeylocust	Fabaceae	Tree	Deciduous		No	No	No	No	70	35	962	721.5	36 inches	50-150 years
<i>Gleditsia triacanthos</i> 'Skyline'	Skyline Honeylocust	Fabaceae	Tree	Deciduous		No	No	No	No	70	35	962	721.5	36 inches	50-150 years
<i>Gymnocladus dioica</i>	Kentucky Coffeetree	Fabaceae	Tree	Deciduous	Yes	No	Yes	Yes	No	40	40	1257	942.75		
<i>Hamamelia mollis</i>	Witch Hazel	Hamamelidaceae	Both	Deciduous		No	Yes	Yes	Yes	15	5	20	15		
<i>Heteromeles arbutifolium</i>	Toyon	Rosaceae	Shrub	Evergreen	Yes	No	Yes	Yes	No	8	5	20	15		
<i>Hovenia dulcis</i>	Japanese Raisintree	Rhamnaceae	Both	Deciduous		No	Yes	Yes	Yes	30	20	314	235.5		
<i>Holodiscus discolor</i>	Oceanspray	Rosaceae	Shrub	Deciduous		Yes	No	No	Yes	15	15	177	132.75		
<i>Ilex altacalensis</i>	Wilson Holly	Aquifoliaceae	Both	Evergreen		No	Yes	No	Yes	25	10	79	59.25	24 inches	50-150 years
<i>Ilex aquifolium</i>	English Holly	Aquifoliaceae	Both	Evergreen		No	No	Yes	No	25	10	79	59.25	12 inches	50-150 years
<i>Ilex aquipernyi</i>	San Jose Holly	Aquifoliaceae	Both	Evergreen		No	No	Yes	Yes	25	10	79	59.25	24 inches	50-150 years
<i>Ilex pernyi</i>	Perny Holly	Aquifoliaceae	Both	Evergreen		No	No	Yes	No	35	10	79	59.25	24 inch	50-150 years
<i>Ilex vomitoria</i>	Yaupon	Aquifoliaceae	Both	Evergreen		No	No	Yes	Yes	25	10	79	59.25	24 inches	50-150 years
<i>Itea ilicifolia</i>	Hollyleaf Sweetpire	Saxifragaceae	Both	Evergreen		No	No	Yes	Yes	20	10	79	59.25	24 inches	<50 years
<i>Juglans nigra</i>	Black Walnut	Juglandaceae	Tree	Deciduous		No	Yes	Yes	No	75	50	1963	1472.25		
<i>Juglans regia</i>	English Walnut	Juglandaceae	Tree	Deciduous		No	Yes	No	No	60	40	1257	942.75		
<i>Juniperus chinensis</i> 'Columnaris'	Chinese Blue Column Juniper	Cupressaceae	Tree	Evergreen		No	Yes	No	Yes	12	5	20	15	24 inches	40-150 years
<i>Juniperus chinensis</i> 'Pyramidalis'	Chinese Juniper	Cupressaceae	Shrub	Evergreen		No	No	No	Yes	10	5	20	15	24 inches	
<i>Juniperus communis</i>	Common Juniper	Cupressaceae	Both	Evergreen		Yes	No	No	Yes	10	5	20	15		50-150 years
<i>Juniperus occidentalis</i>	Western Juniper	Cupressaceae	Tree	Evergreen	Yes	No	No	No	No	80	50	1963	1472.25	24 inches	>150 years
<i>Juniperus sabina</i>	Savin Juniper	Cupressaceae	Shrub	Evergreen	Yes	No	Yes	No	Yes	3	5	20	15		
<i>Juniperus scopulorum</i>	Rocky Mountain Juniper	Cupressaceae	Tree	Evergreen	Yes	Yes	Yes	No	Yes	25	10	77	57.75	24 inches	50-150 years
<i>Juniperus virginiana</i> 'Cupressifolia'	Hillspire Juniper	Cupressaceae	Tree	Evergreen		No	Yes	No	Yes	20	10	77	57.75	24 inches	50-150 years
<i>Kalmia latifolia</i>	Mountain Laurel	Ericaceae	Shrub	Evergreen		No	No	Yes	Yes	15	6	28	21		
<i>Koeleruteria paniculata</i>	Goldenrain Tree	Sapindaceae	Tree	Deciduous		No	Yes	No	No	35	35	962	721.5	12-24 inches	50-150 years
<i>Laburnum watereri</i>	Goldenchain Tree	Fabaceae	Tree	Deciduous		No	No	Yes	Yes	15	12	112	84	24 inches	40-150 years
<i>Lagerstroemia indica</i>	Crape Myrtle	Lythraceae	Tree	Deciduous	Yes	No	Yes	Yes	Yes	25	15	177	132.75		
<i>Larix occidentalis</i>	Western Larch	Pinaceae	Tree	Deciduous		Yes	No	Yes	No	150	30	707	530.25	24 inches	>150 years
<i>Laurus nobilis</i>	Bay Laurel	Lauraceae	Tree	Evergreen	Yes	No	No	No	No	35	10	77	57.75	12-24 inches	50-150 years
<i>Liquidambar styraciflua</i>	American Sweetgum	Hamamelidaceae	Tree	Deciduous		No	No	No	No	80	40	1257	942.75	24-36 inches	>150 years
<i>Liquidambar styraciflua</i> 'Moraine'	Moraine Sweetgum	Hamamelidaceae	Tree	Deciduous		No	No	No	No	50	35	962	721.5	12-24 inches	50-150 years
<i>Liquidambar styraciflua</i> 'Rotundiloba'	Rotundiloba Sweetgum	Hamamelidaceae	Tree	Deciduous		No	No	No	No	65	35	962	721.5	12-24 inches	50-150 years
<i>Liquidambar styraciflua</i> 'Worpelsdon'	Worpelsdon Sweetgum	Hamamelidaceae	Tree	Deciduous		No	No	No	No	60	35	962	721.5	12-24 inches	50-150 years
<i>Liriodendron tulipifera</i>	Tulip Tree	Magnoliaceae	Tree	Deciduous		No	No	Yes	No	60	40	1257	942.75	36 inches	>150 years
<i>Maackia amurensis</i>	Amur Maackia	Fabaceae	Tree	Deciduous	Yes	No	Yes	No	Yes	30	25	491	368.25		
<i>Maclura pomifera</i>	Osage-orange	Moraceae	Tree	Deciduous		No	Yes	No	No	40	40	1257	942.75		
<i>Magnolia campbellii</i>	Campbell's Magnolia	Magnoliaceae	Tree	Deciduous		No	No	Yes	No	65	40	1257	942.75	24 inches	50-150 years
<i>Magnolia grandiflora</i> 'Edith Bogue'	Edith Bogue Magnolia	Magnoliaceae	Tree	Evergreen	Yes	No	Yes	Yes	No	30	15	177	132.75	24 inches	50-150 years
<i>Magnolia grandiflora</i> 'Little Gem'	Little Gem Magnolia	Magnoliaceae	Tree	Evergreen	Yes	No	Yes	Yes	Yes	20	10	77	57.75		
<i>Magnolia virginiana</i> 'Jim Wilson'	Moonglow Magnolia	Magnoliaceae	Tree	Evergreen	Yes	No	Yes	Yes	Yes	25	15	177	132.75		
<i>Mahonia aquifolium</i>	Oregon Grape	Berberidaceae	Shrub	Evergreen		Yes	No	No	Yes	10	5	20	15		
<i>Mahonia repens</i>	Creeping Oregon Grape	Berberidaceae	Shrub	Evergreen	Yes	Yes	Yes	No	Yes	2	6	28	21		
<i>Malus sp.</i> 'Prairiefire'	Prairiefire Crabapple	Rosaceae	Tree	Deciduous		No	No	No	Yes	20	20	314	235.5	12 inches	50-150 years
<i>Malus sp.</i> 'Red Baron'	Red Baron Crabapple	Rosaceae	Tree	Deciduous		No	No	No	Yes	20	10	77	57.75	12 inches	
<i>Malus sp.</i> 'Sugar Tyme'	Sugar Tyme Crabapple	Rosaceae	Tree	Deciduous		No	No	No	No	20	15	177	132.75	12 inches	

City of Milwaukie Tree Crown Area Reference List

*For trees not listed below, contact the city for a crown area value

Revised 09/29/2023



Scientific Name	Common Name	Family	Growth Type	Species Type	Approved Street Tree/Shrub	Native Tree	Drought Tolerant	Moist Soil	Utility Safe	Mature Height (feet)	Mature Width (feet)	Mature Crown Area (sq ft)	75% Crown Area (Dev Tree Code Planting Standard)	Average Annual Growth Rate	Estimated Longevity
<i>Malus tschonoskii</i>	Tschonoskii Crabapple	Rosaceae	Tree	Deciduous		No	No	No	No	30	15	177	132.75	12 inches	
<i>Metasequoia glyptostoboides</i>	Dawn Redwood	Taxodiaceae	Tree	Deciduous		No	No	Yes	No	70	25	491	368.25	36 inches	>150 years
<i>Morella californica</i>	Pacific Wax Myrtle	Myricaceae	Both	Evergreen	Yes	No	Yes	No	Yes	25	20	314	235.5	24 inches	50-150 years
<i>Nandina domestica</i>	Heavenly Bamboo	Berberidaceae	Shrub	Evergreen	Yes	No	Yes	No	Yes	6	3	7	5.25		
<i>Nyssa sinensis</i>	Chinse Tupelo	Nyssaceae	Tree	Deciduous	Yes	No	Yes	Yes	Yes	30	15	177	132.75		
<i>Nyssa sylvatica</i>	Black Tupelo/Sour Gum	Nyssaceae	Tree	Deciduous	Yes	No	Yes	No	No	35	20	314	235.5	12-24 inches	>150 years
<i>Osmanthus fragrans</i>	Sweet Olive	Oleaceae	Both	Evergreen	Yes	No	Yes	Yes	No	40	20	314	235.5		
<i>Ostrya virginiana</i>	American Hophornbeam	Betulaceae	Tree	Deciduous	Yes	No	No	Yes	No	35	25	491	368.25	24 inches	50-150 years
<i>Oxydendrum arboreum</i>	Sourwood	Ericaceae	Tree	Deciduous		No	Yes	Yes	Yes	30	15	177	132.75		
<i>Parrotia persica</i>	Persian Parrotia	Hamamelidaceae	Tree	Deciduous	Yes	No	Yes	No	No	50	30	707	530.25		
<i>Paulownia tomentosa</i>	Empress Tree	Paulowniaceae	Tree	Deciduous		No	Yes	No	No	80	30	707	530.25		
<i>Phellodendron amurense</i>	Amur Cork Tree	Rutaceae	Tree	Deciduous	Yes	No	Yes	No	Yes	30	35	962	721.5		
<i>Photinia x fraseri</i>	Fraser Photinia	Rosaceae	Both	Evergreen		No	No	Yes	Yes	20	10	77	57.75	24-36 inches	50-150 years
<i>Photinia x glabra</i>	Japanese Photinia	Rosaceae	Both	Evergreen		No	No	No	No	25	10	77	57.75	24 inches	
<i>Picea abies</i>	Norway Spruce	Pinaceae	Tree	Evergreen									0		
<i>Picea engelmannii</i>	Engelman Spruce	Pinaceae	Tree	Evergreen		Yes	No	Yes	No	130	20	314	235.5	24 inches	>150 years
<i>Picea glauca</i> 'Densata'	Black Hills Spruce	Pinaceae	Tree	Evergreen		No	No	No	No	65	25	491	368.25	24 inches	>150 years
<i>Picea sitchensis</i>	Sitka Spruce	Pinaceae	Tree	Evergreen		Yes	No	Yes	No	160	20	314	235.5	24 inches	>150 years
<i>Pinus albicaulis</i>	Whitebark Pine	Pinaceae	Tree	Evergreen		Yes	Yes	Yes	No	40	20	314	235.5		
<i>Pinus aristata</i>	Bristlecone Pine	Pinaceae	Tree	Evergreen		No	Yes	No	Yes	20	6	28	21		
<i>Pinus banksiana</i>	Jack Pine	Pinaceae	Tree	Evergreen		No	Yes	No	No	50	20	314	235.5		
<i>Pinus bungeana</i>	Lacebark Pine	Pinaceae	Tree	Evergreen	Yes	No	Yes	No	No	50	35	962	721.5		
<i>Pinus contorta</i>	Shore Pine	Pinaceae	Tree	Evergreen		Yes	No	Yes	No	45	30	707	530.25	36 inches	>150 years
<i>Pinus contorta</i> var. latifolia	Lodgepole Pine	Pinaceae	Tree	Evergreen		Yes	No	No	No	80	25	491	368.25	12-24 inches	>150 years
<i>Pinus flexilis</i> 'Vanderwolf's Pyramid'	Vanderwolf's Pine	Pinaceae	Tree	Evergreen		No	No	No	No	40	20	314	235.5	12 inches	
<i>Pinus jeffreyi</i>	Jeffrey Pine	Pinaceae	Tree	Evergreen		Yes	Yes	Yes	No	80	20	314	235.5		
<i>Pinus lambertiana</i>	Sugar Pine	Pinaceae	Tree	Evergreen		Yes	Yes	Yes	No	150	50	1963	1472.25		
<i>Pinus monticola</i>	Western White Pine	Pinaceae	Tree	Evergreen		Yes	No	No	No	100	30	707	530.25	24-36 inches	>150 years
<i>Pinus mugo</i>	Mugo Pine	Pinaceae	Shrub	Evergreen	Yes	No	Yes	Yes	Yes	4	6	28	21		
<i>Pinus nigra</i>	Austrian Black Pine	Pinaceae	Tree	Evergreen		No	No	No	No	120	25	491	368.25	12-24 inches	>150 years
<i>Pinus palustris</i>	Longleaf Pine	Pinaceae	Tree	Evergreen		No	Yes	No	No	60	30	707	530.25		
<i>Pinus ponderosa</i>	Ponderosa Pine	Pinaceae	Tree	Evergreen	Yes	Yes	No	No	No	100	40	1257	942.75	24-36 inches	>150 years
<i>Pinus strobus</i>	Eastern White Pine	Pinaceae	Tree	Evergreen		No	Yes	Yes	No	60	40	1257	942.75		
<i>Pinus sylvestris</i>	Scots Pine	Pinaceae	Tree	Evergreen		No	Yes	No	No	60	20	314	235.5		
<i>Pistacia chinensis</i>	Chinese Pistache	Anacardiaceae	Tree	Deciduous	Yes	No	Yes	Yes	No	35	30	707	530.25		
<i>Platanus acerifolia</i>	London Plane Tree	Platanaceae	Tree	Deciduous		No	No	Yes	No	65	70	3848	2886	36 inches	
<i>Platycladus orientalis</i>	Oriental Thuja/Arborvitae	Cupressaceae	Tree	Evergreen	Yes	No	Yes	Yes	Yes	15	5	20	15		
<i>Platycladus orientalis</i> 'Beverlyensis'	Beverly Hills Arborvitae	Cupressaceae	Both	Evergreen		No	No	Yes	Yes	20	10	77	57.75	24 inches	50-150 years
<i>Podocarpus laurifolius</i>	Mountain Plum Pine	Podocarpaceae	Shrub	Evergreen	Yes	No	Yes	No	Yes	4	8	50	37.5		
<i>Podocarpus macrophyllus</i>	Big Leaf Podocarp/Yew Pine	Podocarpaceae	Tree	Evergreen	Yes	No	Yes	Yes	No	50	20	314	235.5	24 inches	>150 years
<i>Podocarpus nivalis</i>	Alpine Totara	Podocarpaceae	Shrub	Evergreen	Yes	No	Yes	No	Yes	3	6	28	21		
<i>Populus alba</i>	White Poplar	Salicaceae	Tree	Deciduous		No	Yes	Yes	No	50	50	1963	1472.25		
<i>Populus tremuloides</i>	Quaking Aspen	Salicaceae	Tree	Deciduous		Yes	No	Yes	No	50	25	491	368.25	24-36 inches	50-150 years
<i>Populus trichocarpa</i>	Black Cottonwood	Salicaceae	Tree	Deciduous		Yes	No	No	No	80	50	1963	1472.25		50-150 years
<i>Prunus avium</i>	Sweet Cherry	Rosaceae	Tree	Deciduous		No	Yes	No	No	60	25	491	368.25		
<i>Prunus avium</i> 'Bing'	Bing Cherry	Rosaceae	Tree	Deciduous		Yes	No	Yes	No	35	25	491	368.25	12-24 inches	
<i>Prunus cerasifera</i> 'Krauter Vesuvius'	Krauter Vesuvius Plum	Rosaceae	Tree	Deciduous		No	No	Yes	Yes	20	15	177	132.75	24 inches	40-150 years
<i>Prunus cerasifera</i> 'Thundercloud'	Thundercloud Plum	Rosaceae	Tree	Deciduous		No	No	Yes	Yes	25	25	491	368.25	24 inches	40-150 years
<i>Prunus emarginata</i>	Bitter Cherry	Rosaceae	Tree	Deciduous		Yes	No	No	No	45	25	491	368.25		40-50 years
<i>Prunus laurocerasus</i>	English Laurel	Rosaceae	Shrub	Evergreen		No	No	Yes	No	20	10	79	59.25	36 inches	50-150 years
<i>Prunus lusitanica</i>	Portugal Laurel	Rosaceae	Shrub	Evergreen		No	No	No	No	25	15	177	132.75	24 inches	50-150 years
<i>Prunus sargentii</i>	Sargent Cherry	Rosaceae	Tree	Deciduous		No	No	No	No	50	50	1963	1472.25	24 inches	50-150 years
<i>Prunus sargentii</i> 'Columnaris'	Columnar Sargent Cherry	Rosaceae	Tree	Deciduous		No	No	No	No	30	20	314	235.5	12-36 inches	
<i>Prunus serrulata</i> 'Amanogawa'	Amanogawa Cherry	Rosaceae	Tree	Deciduous		No	No	No	Yes	20	6	28	21	24 inches	40-150 years
<i>Prunus serrulata</i> 'Kwanzan'	Kwanzan Cherry	Rosaceae	Tree	Deciduous		No	No	No	No	30	20	314	235.5	24 inches	40-150 years
<i>Prunus serrulata</i> 'Snofozam'	Snow Fountains Weeping Cherry	Rosaceae	Tree	Deciduous		No	No	No	Yes	12	10	79	59.25		
<i>Prunus virginiana</i>	Chokecherry	Rosaceae	Tree	Deciduous		No	No	No	Yes	25	20	314	235.5	24 inches	< 50 years

City of Milwaukie Tree Crown Area Reference List

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Revised 09/29/2023



Invasive Species	Do not plant - Required Removal
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Scientific Name	Common Name	Family	Growth Type	Species Type	Approved Street Tree/Shrub	Native Tree	Drought Tolerant	Moist Soil	Utility Safe	Mature Height (feet)	Mature Width (feet)	Mature Crown Area (sq ft)	75% Crown Area (Dev Tree Code Planting Standard)	Average Annual Growth Rate	Estimated Longevity
<i>Prunus virginiana</i> 'Canada Red'	Canada Red Improved Chokecherry	Rosaceae	Tree	Deciduous		No	No	Yes	Yes	25	20	314	235.5	24 inches	<50 years
<i>Prunus x hillieri</i>	Spire Cherry	Rosaceae	Tree	Deciduous		No	No	No	No	30	10	79	59.25		
<i>Pseudotsuga menziesii</i>	Douglas Fir	Pinaceae	Tree	Evergreen	Yes	Yes	No	No	No	160	30	707	530.25	24 inches	>150 years
<i>Pterocarya fraxinifolia</i>	Caucasian Wingnut	Juglandaceae	Tree	Deciduous		No	Yes	No	No	50	40	1257	942.75		
<i>Pyrus calleryana</i> 'Aristocrat'	Aristocrat Callery Pear	Rosaceae	Tree	Deciduous		No	No	No	No	40	30	707	530.25	24-36 inches	50-150 years
<i>Pyrus calleryana</i> 'Autumn Blaze'	Autumn Blaze Callery Pear	Rosaceae	Tree	Deciduous		No	No	No	No	30	25	491	368.25	24 inches	50-150 years
<i>Pyrus calleryana</i> 'Capital'	Capital Callery Pear	Rosaceae	Tree	Deciduous		No	No	No	No	35	12	113	84.75	24 inches	50-150 years
<i>Pyrus calleryana</i> 'Chanticleer' or 'Glen's Form'	Chanticleer Callery Pear	Rosaceae	Tree	Deciduous		No	No	No	No	40	15	177	132.75	24 inches	50-150 years
<i>Pyrus calleryana</i> 'Redspire'	Redspire Callery Pear	Rosaceae	Tree	Deciduous		No	No	Yes	No	35	25	491	368.25	24-36 inches	50-150 years
<i>Quercus acerifolia</i>	Maple-Leaf Oak	Fagaceae	Tree	Deciduous		No	Yes	No	No	40	25	491	368.25		
<i>Quercus acutissima</i>	Sawtooth Oak	Fagaceae	Tree	Deciduous		No	No	Yes	No	65	30	707	530.25	24-36 inches	>150 years
<i>Quercus chrysolepis</i>	Canyon Live Oak	Fagaceae	Tree	Evergreen	Yes	Yes	Yes	No	No	60	40	1257	942.75		
<i>Quercus coccinea</i>	Scarlet Oak	Fagaceae	Tree	Deciduous		No	No	Yes	No	65	45	1590	1192.5	24-36 inches	>150 years
<i>Quercus dumosa</i>	Scrub Oak	Fagaceae	Both	Evergreen	Yes	No	Yes	No	Yes	10	10	79	59.25		
<i>Quercus durata</i>	Leather Oak	Fagaceae	Shrub	Evergreen	Yes	No	Yes	No	Yes	5	5	20	15		
<i>Quercus frainetto</i>	Hungarian Oak	Fagaceae	Tree	Deciduous	Yes	No	Yes	No	No	70	55	2375	1781.25		
<i>Quercus garryana</i>	Oregon White Oak	Fagaceae	Tree	Deciduous	Yes	Yes	No	No	No	65	45	1590	1192.5	12-24 inches	50-150 years
<i>Quercus hypoleucoides</i>	Silverleaf Oak	Fagaceae	Tree	Evergreen	Yes	No	Yes	No	No	35	35	962	721.5		
<i>Quercus ilex</i>	Holly Oak	Fagaceae	Tree	Evergreen	Yes	No	Yes	No	No	65	50	1963	1472.25		
<i>Quercus palustris</i>	Pin Oak	Fagaceae	Tree	Deciduous		No	Yes	No	No	60	30	707	530.25		
<i>Quercus phellos</i>	Willow Oak	Fagaceae	Tree	Deciduous	Yes	No	Yes	Yes	No	55	30	707	530.25		
<i>Quercus robur</i>	English Oak	Fagaceae	Tree	Deciduous		No	Yes	No	No	120	30	707	530.25	36 inches	>150 years
<i>Quercus robur x alba</i>	Columnar Oak	Fagaceae	Tree	Deciduous	Yes	No	Yes	No	No	50	15	177	132.75		
<i>Quercus robur</i> 'Skyrocket'	Skyrocket Oak	Fagaceae	Tree	Deciduous		No	No	No	No	45	15	177	132.75		
<i>Quercus rubra</i>	Red Oak	Fagaceae	Tree	Deciduous		No	No	Yes	No	65	40	1257	942.75	24-36 inches	>150 years
<i>Quercus sadleriana</i>	Sadler's Oak	Fagaceae	Shrub	Evergreen	Yes	Yes	Yes	No	Yes	3	3	7	5.25		
<i>Quercus shumardii</i>	Shumard Oak	Fagaceae	Tree	Deciduous	Yes	No	Yes	No	No	70	40	1257	942.75		
<i>Quercus suber</i>	Cork Oak	Fagaceae	Tree	Evergreen	Yes	No	Yes	No	No	70	40	1257	942.75		
<i>Quercus turbinella</i>	Turbinella Oak	Fagaceae	Tree	Evergreen	Yes	No	Yes	No	Yes	25	8	50	37.5		
<i>Quercus vaccinifolia</i>	Huckleberry Oak	Fagaceae	Shrub	Evergreen	Yes	Yes	Yes	No	Yes	2	4	13	9.75		
<i>Quercus wislizeni</i>	Interior Live Oak	Fagaceae	Tree	Evergreen	Yes	No	Yes	No	No	75	30	707	530.25		100-200 years
<i>Rhamnus purshiana</i>	Cascara	Rhamnaceae	Tree	Deciduous		Yes	Yes	Yes	Yes	25	20	314	235.5		
<i>Rhododendron macrophyllum</i>	Pacific Rhododendron	Ericaceae	Shrub	Evergreen		Yes	No	No	Yes	10	15	177	132.75	12 inches	50-150 years
<i>Rhododendron occidentale</i>	Western Azalea	Ericaceae	Shrub	Deciduous		No	No	No	No	10	8	50	37.5		
<i>Robinia pseudoacacia</i>	Black Locust	Fabaceae	Tree	Deciduous		Yes	Yes	No	No	40	25	491	368.25		
<i>Robinia x ambigua</i>	Pink Idaho Locust	Fabaceae	Tree	Deciduous		No	Yes	No	No	50	20	314	235.5	36 inches	50-150 years
<i>Rosmarinus officinalis</i>	Rosemary	Lamiaceae	Shrub	Evergreen	Yes	No	Yes	No	Yes	6	6	28	21		
<i>Sassafras albidum</i>	Sassafras	Lauraceae	Tree	Deciduous		No	Yes	Yes	Yes	30	30	707	530.25		
<i>Sarcococca hookerana humilis</i>	Dwarf Sweet Box	Buxaceae	Shrub	Evergreen	Yes	No	No	Yes	Yes	2	4	13	9.75		
<i>Sarcococca ruscifolia</i>	Sweet Box	Buxaceae	Shrub	Evergreen	Yes	No	No	Yes	Yes	4	3	7	5.25		
<i>Sciadopitys verticillata</i>	Japanese Umbrella Pine	Sciadopityaceae	Tree	Evergreen	Yes	No	No	Yes	No	70	20	314	235.5		
<i>Sequoia sempervirens</i>	Coast Redwood	Cupressaceae	Tree	Evergreen		Yes	No	Yes	No	250	20	314	235.5	36 inches	>150 years
<i>Sequoiadendron giganteum</i>	Giant Sequoia	Cupressaceae	Tree	Evergreen		No	Yes	Yes	No	150	60	2827	2120.25		
<i>Sorbus alnifolia</i>	Korean Mountain Ash	Rosaceae	Tree	Deciduous		No	No	No	No	40	15	177	132.75	24 inches	50-150 years
<i>Sorbus aria</i> 'Majestica'	Whitebeam Mountain Ash	Rosaceae	Tree	Deciduous		No	No	No	No	40	20	314	235.5	24 inches	50-150 years
<i>Sorbus aucuparia</i>	European Mountain Ash	Rosaceae	Tree	Deciduous		No	Yes	No	No	40	25	491	368.25		
<i>Sorbus aucuparia</i> 'Michred' or 'Cardinal Royal'	Cardinal Royal Mountain Ash	Rosaceae	Tree	Deciduous		No	No	Yes	No	35	20	314	235.5	24-36 inches	50-150 years
<i>Sorbus tianshanica</i>	Red Cascade Mountain Ash	Rosaceae	Tree	Deciduous		No	No	Yes	Yes	20	10	77	57.75	12-24 inches	40-150 years
<i>Sorbus x hybrida</i>	Oak-leaf Mountain Ash	Rosaceae	Tree	Deciduous		No	No	No	No	30	20	314	235.5		
<i>Stewartia pseudocamellia</i>	Japanese Stewartia	Theaceae	Tree	Deciduous		No	No	Yes	No	40	20	314	235.5		
<i>Styphnolobium japonicum</i>	Japanese Pagoda Tree	Fabaceae	Tree	Deciduous		No	Yes	No	No	40	40	1257	942.75		
<i>Styrax japonicus</i>	Japanese Snowbell	Styracaceae	Tree	Deciduous	Yes	No	No	Yes	Yes	25	30	707	530.25	12-24 inches	40-150 years
<i>Styrax obassua</i>	Fragrant Snowbell	Styracaceae	Tree	Deciduous	Yes	No	No	Yes	Yes	25	25	491	368.25		
<i>Symphoricarpos albus</i>	Common Snowberry	Caprifoliaceae	Shrub	Deciduous		Yes	Yes	Yes	Yes	5	5	20	15		
<i>Syringa reticulata</i>	Japanese Tree Lilac	Oleaceae	Tree	Deciduous	Yes	No	Yes	Yes	Yes	25	20	314	235.5		
<i>Taxus baccata</i>	English Yew	Taxaceae	Tree	Evergreen	Yes	No	Yes	No	Yes	25	15	177	132.75	12 inches	>150 years
<i>Taxus baccata</i> 'Stricta'	Irish Yew	Taxaceae	Tree	Evergreen	Yes	No	Yes	No	Yes	10	5	20	15	12 inches	>150 years

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Revised 09/29/2023



Scientific Name	Common Name	Family	Growth Type	Species Type	Approved Street Tree/Shrub	Native Tree	Drought Tolerant	Moist Soil	Utility Safe	Mature Height (feet)	Mature Width (feet)	Mature Crown Area (sq ft)	75% Crown Area (Dev Tree Code Planting Standard)	Average Annual Growth Rate	Estimated Longevity
<i>Taxus brevifolia</i>	Western Yew	Taxaceae	Tree	Evergreen	Yes	Yes	Yes	No	No	50	10	79	59.25	12 inches	>150 years
<i>Taxus chinensis</i>	Chinese Yew	Taxaceae	Tree	Evergreen		No	Yes	No	Yes	10	15	177	132.75		
<i>Taxus cuspidata</i> 'Capitata'	Japanese Yew	Taxaceae	Tree	Evergreen	Yes	No	Yes	No	Yes	25	10	79	59.25	12 inches	50-150 years
<i>Thuja occidentalis</i> 'Fastigiata'	Columnar American Arborvitae	Cupressaceae	Tree	Evergreen		No	No	Yes	Yes	25	10	79	59.25	24 inches	50-150 years
<i>Thuja plicata</i>	Western Red Cedar	Cupressaceae	Tree	Evergreen		Yes	No	Yes	No	120	30	707	530.25	24-36 inches	>150 years
<i>Thuja plicata</i> 'Excelsa'	Excelsa Western Red Cedar	Cupressaceae	Tree	Evergreen		No	No	No	No	35	20	314	235.5		
<i>Thuja plicata</i> x <i>standishii</i>	Green Giant Arborvitae	Cupressaceae	Tree	Evergreen	Yes	No	No	No	No	60	20	314	235.5		
<i>Tilia cordata</i> 'Chancolle'	Chancellor Linden	Tiliaceae	Tree	Deciduous		No	No	Yes	No	50	30	707	530.25	12-24 inches	50-150 years
<i>Tilia cordata</i> 'Greenspire'	Greenspire Linden	Tiliaceae	Tree	Deciduous		No	No	Yes	No	35	35	962	721.5	12-24 inches	50-150 years
<i>Torreya californica</i>	California Nutmeg	Taxodiaceae	Tree	Evergreen	Yes	No	Yes	No	No	115	50	1963	1472.25		
<i>Tsuga canadensis</i>	Canada Hemlock	Pinaceae	Tree	Evergreen		No	No	Yes	No	70	30	707	530.25	24-36 inches	>150 years
<i>Tsuga heterophylla</i>	Western hemlock	Pinaceae	Tree	Evergreen		Yes	No	Yes	No	130	30	707	530.25		
<i>Tsuga mertensiana</i>	Mountain Hemlock	Pinaceae	Tree	Evergreen		Yes	No	Yes	No	65	15	177	132.75	12 inches	>150 years
<i>Ulmus</i> x 'Homestead'	Homestead Elm	Ulmaceae	Tree	Deciduous		No	No	No	No	50	35	962	721.5	24-36 inches	
<i>Ulmus</i> x 'Pioneer'	Pioneer Elm	Ulmaceae	Tree	Deciduous		No	No	No	No	50	50	1963	1472.25	24-36 inches	
<i>Ulmus Pumila</i>	Siberian Elm	Ulmaceae	Tree	Deciduous		No	Yes	No	No	50	40	1257	942.75		
<i>Umbellularia californica</i>	California Laurel	Lauraceae	Tree	Evergreen	Yes	Yes	Yes	No	No	65	25	491	368.25	12-24 inches	>150 years
<i>Vaccinium ovalum</i>	Evergreen Huckleberry	Ericaceae	Shrub	Evergreen	Yes	Yes	Yes	Yes	Yes	6	6	28	21		
<i>Viburnum</i> x <i>bodantense</i> 'Dawn'	Dawn Viburnum	Adoxaceae	Shrub	Deciduous		No	Yes	Yes	Yes	10	10	79	59.25		
<i>Viburnum davidii</i>	David Viburnum	Adoxaceae	Shrub	Evergreen		No	Yes	Yes	Yes	5	5	20	15		
<i>Viburnum tinus</i>	Laurestina Viburnum	Adoxaceae	Shrub	Evergreen		No	No	No	Yes	8	6	28	21	24 inches	50-150 years
<i>Vitex agnus-castus</i>	Chaste Tree	Lamiaceae	Tree	Deciduous	Yes	No	Yes	No	Yes	20	10	79	59.25		
<i>Zelkova serrata</i> 'City Sprite' / 'Wireless'	City Sprite/Wireless Zelkova	Ulmaceae	Tree	Deciduous	Yes	No	Yes	No	Yes	20	18	254	190.5		50-70 years
<i>Zelkova serrata</i> 'Village Green'	Zelkova 'Village Green'	Ulmaceae	Tree	Deciduous	Yes	No	No	Yes	No	65	50	1963	1472.25	24+ inches	50-150 years
<i>Zelkova serrata</i> 'Green Vase'	Zelkova 'Green Vase'	Ulmaceae	Tree	Deciduous	Yes	No	No	Yes	No	65	50	1963	1472.25	12-36 inches	50-150 years
<i>Zelkova serrata</i> 'Musashino'	Columnar Zelkova	Ulmaceae	Tree	Deciduous	Yes	No	Yes	No	No	40	15	177	132.75		