

Street trees are an extremely important piece of any urban and suburban environment. Street trees provide energy savings, improve air quality, collect stormwater, and increase property values. Trees provide shade in the summer months and block winds in the winter months, which helps reduce the amount of energy for heating and cooling nearby buildings. Trees also absorb and store carbon dioxide, release oxygen, and reduce harmful particulate matter, sulfur oxides, and nitrogen oxides in the air. In urban areas where impermeable surfaces are common, trees are important for taking up water that would otherwise exist as runoff that can lead to pollution and erosion of waterways. Studies have also shown that trees add property value to the surrounding homes and business.

Botanical Name	Common Name	Acceptable Cultivars	Size	Dimensions	Additional Information	Salt Tolerance	Insect/Disease Factors	USDA Fact Sheet
<i>Acer x freemanii</i>	Freeman Maple	Armstrong Autumn Blaze ('Jeffersred') Autumn Fantasy ('DTR102') Celebration ('Celzam') *Marmo Morgan/Indian Summer Saturn 'Satzam' Scarlet Sentinel ('Scarsen') Sienna Glen 'Sienna'	Medium to Large	45-70' H, 20-40' W	Size varies by cultivar	unknown	none	
<i>Acer buergerianum</i>	Trident Maple	Street Wise	Small	20-25' H, 20-25' W		some	none	
<i>Acer miyabei</i>	State Street Maple	State Street	Medium	35-45' H, 30' W	Good alternative to Ash Trees	unknown	none	
<i>Acer rubrum</i>	Red Maple	Autumn Flame Autumn Radiance Autumn Spire Bowhall Brandywine Burgundy Belle Fairview Flame Fireball Karpick New World Northwood October Glory Redpointe 'Frank Jr' Schlesingeri	Medium to Large	35-60' H, 30-70' W	Shallow root system may affect driveways or sidewalks	sensitive	leafhoppers, verticillium wilt	<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_acru.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_acru.pdf</a>

\*Indicates species or cultivar that is tolerant of clay soils

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<i>Acer truncatum</i>	Shantung Maple	Norweigan Sunset Keithsform Pacific Sunset Warrenred	Small	25-35' H, 25' W	lower branches may require additional pruning	unknown	none	
* <i>Betula nigra</i>	River Birch (Heritage and Dura-Heat)	Cully BNMTF	Medium	40-50' H, 30-40' W		unknown	resistant to borers	<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_beni.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_beni.pdf</a>
<i>Carpinus betulus</i>	European Hornbeam	Fastigiata, Columnaris Pyramidalis Franz Fontaine	Medium	40-60' H, 30-40' W	narrow/columnar forms, needs lots of pruning	sensitive	none	
* <i>Celtis occidentalis</i>	Common Hackberry	Prairie Pride Prairie Sentinel	Medium	40-60' H, 40-60' W	Prairie Sentinel columnar form, potential litter problems	unknown	witches broom, otherwise none	<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_ceoc.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_ceoc.pdf</a>
* <i>Cercis canadensis</i>	Eastern Redbud	Appalachian Red Forest Pansy Northern/Minnesota Strain Alba (Whitebud)	Small	20-30' H, 25-35' W		some	none	<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_ceca4.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_ceca4.pdf</a>
<i>Cladrastis kentukea</i>	Yellowwood	Rosea, Perkins Pink	Small to Medium	30-50' H, 40-55' W	prune only in summer otherwise bleeding will occur, deep root growth good near sidewalks	unknown	none	
* <i>Cornus mas</i>	Cornelian Cherry Dogwood	Golden Glory	Small	20' H, 20' W		some	none	
<i>Crataegus spp. crus-galli var. inermis</i>	Thornless Cockspur Hawthorn	Crusader	Small	20-25' H, 20-25' W		some	Crusader is disease resistant	
<i>Eucommia ulmoides</i>	Hardy Rubber Tree		Medium	40-60' H, 40-60' W		unknown	none	

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<i>Ginkgo biloba</i>	Ginkgo, Maidenhair Tree	Autumn Gold Lakeview Magyar Princeton Sentry	Large	50-80' H, 30-40' W	male only	some	none	
* <i>Gleditsia triacanthos</i> var. <i>inermis</i>	Thornless Honeylocust	Halka Impcole Moraine Shademaster Skyline Spectrum True Shade	Medium to Large	Impcole - 30-35' H, 35' W Others - 40-80' H, 30-70' W	avoid 'Rubylace', 'Suncole', and 'Sunburst' cultivars	some	numerous insect issues	<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_gltr.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_gltr.pdf</a>
<i>Gymnocladus dioica</i>	Coffeetree	Espresso	Large	50-70' H, 40-50' W		unknown	none	<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_gydi.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_gydi.pdf</a>
* <i>Koelreuteria paniculata</i>	Golden Raintree	September Rose Lantern	Small	30' H, 30' W		some	none	
* <i>Liquidambar styraciflua</i>	American Sweetgum	Cherokee Emerald Sentinel Gold Dust Grandmaster Happidaze Moraine Rotundiloba Worplesdon	Large	50-75' H, 40-65' W	fruit litter may be problematic, needs lots of space to grow	unknown	none	
* <i>Liriodendron tulipifera</i>	Tuliptree	Fastigiatum Arnold	Large	70-90' H, 35-50' W		sensitive	none	<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_litu.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_litu.pdf</a>
<i>Maackia amurensis</i>	Amur Maackia		Small	20-30' H, 20-30' W				

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<i>Malus spp.</i>	Flowering Crabapple	Adams Adirondack American Salute ('Amsalzam') American Spirit ('Amerspirzam') American Triumph ('Amertrizam') Baccata 'Jackii' Cardinal Centurion ('Centsam') Dolgo Donald Wyman Doubloons Floribunda Liset Prairiefire Professor Sprenger Purple Prince Red Jewel ('Jewelcole') Robinson Royal Raindrops ('JFS-KW5') Sentinel Snowdrift Strawberry Parfait Sugartyme ('Sutyzam') X zumi	Small	20' H, 20'W typical		some	listed species are disease resistant	
* <i>Metasequoia glyptostroboides</i>	Dawn Redwood	National Sheridan Spire	Large	70-100' H, 25-50' W	very large, needs a lot of space	unknown	none	
* <i>Nyssa sylvatica</i>	Black Tupelo, Sour Gum, Black Gum		Medium to Large	30-60' H, 20-40' W	good for wet, boggy areas	some	none	<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_nysy.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_nysy.pdf</a>
* <i>Parrotia persica</i>	Persian Parrotia	Ruby Vase	Small	20-30' H, 15-25' W		unknown	none	

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* <i>Platanus x acerifolia</i>	London Planetree	Bloodgood Columbia Exclamation Liberty Metroshade Ovation Yarwood	Large	70-100' H, 65-80' W	needs a lot of space	some	listed cultivars resistant to disease issues	
<i>Prunus 'Accolade'</i>	Accolade Flowering Cherry		Small	20-25' H, 15-25' W	relatively short-lived	some	Accolade is disease resistant	
<i>Prunus 'Snow Goose'</i>	Snow Goose Cherry		Small	20-25' H, 20-25' W	relatively short-lived	unknown	Snow Goose is disease resistant	
* <i>Quercus alba</i>	White Oak							<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_qual.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_qual.pdf</a>
<i>Quercus bicolor</i>	Swamp White Oak	Regal Prince Rosehill	Large	50-60' H, 50-60' W	good for wet or low lying areas	unknown	none	<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/plantguide/pdf/pg_qubi.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/plantguide/pdf/pg_qubi.pdf</a>
<i>Quercus coccinea</i>	Scarlet Oak		Large	60-70' H, 40-50' W	needs a lot of space	unknown	none	
<i>Quercus imbricaria</i>	Shingle Oak		Medium to Large	40-60' H, 40-65' W		unknown	none	
* <i>Quercus macrocarpa</i>	Bur Oak		Large	60-80' H, 60-90' W	needs a lot of space	unknown	none	<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_quma2.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_quma2.pdf</a>
<i>Quercus muehlenbergii</i>	Chinkapin Oak		Medium	30-50' H, 30-60' W		unknown	none	

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<i>Quercus robur</i>	English Oak	Attention! Crimson Spire Regal Prince Rosehill Skymaster Skyrocket	Large	40-60' H, 40-60' W	needs a lot of space	some	listed cultivars are resistant to powdery mildew	
<i>Quercus rubra</i>	Northern Red Oak		Large	60-80' H, 50-70' W	needs a lot of space	some	oak wilt	<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/plantguide/pdf/cs_quru.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/plantguide/pdf/cs_quru.pdf</a>
* <i>Syringa reticulata</i>	Japanese Tree Lilac	Ivory Silk Summer Snow Regent	Small	20-25' H, 15-20' W				
<i>Styphnolobium japonicum</i> / <i>Sophora japonica</i>	Japanese Pagodatree / Scholartree	Millstone Princeton Upright Regent	Medium to Large	40-60' H, 35-55' W		some	twig die-back and stem canker, but not considered serious	
* <i>Taxodium distichum</i>	Baldcypress	Shawnee Brave	Large	50-70' H, 20-40' W		some	none	<a href="https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_tadi2.pdf">https://plants.sc.edu.usda.gov/DocumentLibrary/factsheet/pdf/fs_tadi2.pdf</a>
<i>Tilia americana</i>	Linden, Basswood	American Sentry Boulevard Legend Lincoln Redmond	Large	60-80' H, 30-60' W	needs a lot of space	sensitive	various pests, but most are rarely serious	
<i>Tilia cordata</i>	Littleleaf Linden	Glenleven Greenspire Shamrock	Large	50-70' H, 30-50' W		sensitive	various pests, but most are rarely serious	
<i>Tilia tomentosa</i>	Silver Linden	Green Mountain Satin Shadow Sterling Silver	Large	50-70' H, 35-55' W		unknown	cultivars are more resistant to Japanese beetle infestations	

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<i>Ulmus americana</i>	American Elm Cultivars	Accolade Commendation Frontier New Harmony New Horizon Valley Forge Jefferson Patriot Prairie Expedition Princeton Prospector Regal Triumph Valley Forge Vanguard	Large	60-80' H, 40-80' W	Dutch elm resistant cultivars only, needs plenty of room to grow	some	listed cultivars are resistant to Dutch Elm Disease	
<i>Zelkova serrata</i>	Japanese Zelkova	Wireless (small), City Sprite (small), Green Vase (large), Halka (large), Village Green (large)	Small to Large	25' H, 20-35' W; 50-70' H, 40-60' W		some	none	

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