

STREET TREE CHARACTERISTIC CHART

COMMON NAME	LATIN NAME	HEIGHT / SPREAD	UNDERNEATH WIRES	SUN / SHADE	SHOWY FLOWERS	FALL COLOR	DROUGHT TOLERANT	SALT TOLERANT	NATIVE	SUITABLE FOR STREETS	Wide Pit Needed	COMMENTS
Amur maackia	<i>Maackia amurensis</i> (pg. 50)	30/30	Y	Full Sun	Yes	N	Y	N	N	Y	N	Fixes nitrogen, interesting bark
Black Gum	<i>Nyssa sylvatica</i> (pg. 98)	50/30	N	FS/PSh FS	N	Y/O/S	N	Y	Y	Y	Y	Great fall color needs moist, well-drained soil. Prefers full sun. Species often available at nurseries are: Spire cherry, Sargent cherry, Kwanzan cherry, Yoshino cherry, Okame cherry, Bird cherry, Autumn cherry
Cherry Species	<i>Prunus spp.</i> (pg. 51)	30/20	Y		Y	varies	N	N	N	Y	N	
Coffee Tree	<i>Gymnocladus dioicus</i> (pg. 47)	75/50	N	FS	N	Y	Y	Y	Y	N	Y	Seed pods messy but can be useful (coffee)
Crabapple Species	<i>Malus species</i> (pg. 54)	20/20	Y	FS	Y	varies	N	N	N	Y	N	profuse flowers, some have ornamental fruit
Dogwood, Kousa	<i>Cornus kousa</i> (pg. 96)	30/30	Y	FS/PSh	Y	R/P/S	N	N	N	Y	N	Other types of dogwood are not recommended
Elm, American spp.	<i>Ulmus americana spp.</i> (pg. 63)	80/50	N	FS FS	N	Y	Y	Y	Y	Y	Y	Select disease resistant cultivars or hybrids Handsome and shorter in stature than American Elm, disease resistant
Elm, Lacebark	<i>Ulmus parvifolia</i> (pg. 62)	50/50	N		N	N	Y	Y	N	Y	Y	
Ginkgo	<i>Ginkgo biloba</i> (pg. 23)	60/30	N	FS FS	N	Y	Y	Y	N	Y	Y	Open canopy; interesting leaf; select male species only Summer flowers, interesting seed pods, can be used under high power lines
Goldenrain Tree	<i>Koelreuteria paniculata</i> (pg. 91)	40/40	N		Y	Y	Y	Y	N	Y	N	
Green Ash	<i>Fraxinus pennsylvanica</i> (pg. 99)	60/30	N	Full Sun FS/PSh	N	Y	Y	Y	Y	Y	Y	Green Ash is messier but more tolerant of urban stress Great for habitat and interesting bark. Leaf disease can be unattractive
Hackberry	<i>Celtis laevigata</i> (pg. 58)	50/40	N		N	Y	Y	N	Y	Y	Y	
Hardy Rubber Tree	<i>Eucommia ulmoides</i> (pg. 105)	50/50	M	FS FS	N	N	Y	N	N	Y	Y	Handsome disease-free tree Fruit can be attractive, thorns on some trees (cruzgalli, phaenopyrum)
Hawthorn	<i>Crataegus spp.</i> (pg. 56)	35/35	Y	FS	Y	Y/O/R/P	Y	Y	Y	Y	N	Small leaves, withstands heavy pruning (can be used under high power lines)
Honeylocust	<i>Gleditsia triacanthos</i> (pg. 45)	45/35	N		N	Y	Y	Y	Y	Y	Y	
Hophornbeam	<i>Ostrya virginiana</i>	40/30	M	FS/PSh	N	Y	Y	N	Y	Y	N	Not good with some urban stress, good succession tree
Hornbeam, American	<i>Carpinus caroliniana</i>	30/30	Y	FS/SH	N	Y/O/R	N	N	Y	Y	N	Muscle-like bark
Hornbeam, European	<i>Carpinus betulus</i> (pg. 70)	50/35	M	FS/FSH	N	N	Y	N	N	Y	N	Muscle-like bark

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Horse Chestnut	<i>Aesculus hippocastanum</i> (pg. 90)	70/55	N	FS	Y	Y	N	Y	Y	N	Y	Large flowering tree, leaf disease common. Baumannii variety is seedless and good for streets.
Katsura Tree	<i>Cercidiphyllum japonicum</i> (pg. 39)	60/60	N	FS	N	Y/O	N	N	N	Y	Y	Prefers moist soils
Lilac Tree	<i>Syringa reticulata</i> (pg. 101)	30/25	Y	FS	Y	N	Y	Y	N	Y	N	Only white flowers available
Linden spp.	<i>Tilia spp.</i>	70/45	N	FS	Y	Y	Y	N	N	Y	Y	Flowers good for the production of honey
Linden, American	<i>Tilia americana</i> (pg. 80)	80/40	N	FS/PSH	Y	Y	N	N	Y	Y	Y	Flowers good for the production of honey
Magnolia	<i>Magnolia species</i> (pg. 35)	Varies	N	FS/PSH	Y	Y	Y	N	N	N	N	Great flowers
Maple, Hedge	<i>Acer campestre</i>	35/35	Y	FS/PSH	N	Y	Y	Y	N	Y	N	Small maple
Maple, Red	<i>Acer rubrum</i> (pg. 85)	60/40	N	FS/PSH	N	Y/O/R	N	N	Y	Y	Y	Great fall color; upright forms available
Maple, Sugar	<i>Acer saccharum</i> (pg. 84)	75/50	N	FS/PSH	N	Y/O/R	N	N	Y	N	Y	Good for habitat. Sensitive to salt.
Maple, Trident	<i>Acer buergeranum</i> (pg. 87)	35/25	M	FS	N	Y/O/R	Y	N	N	Y	N	Medium-sized maple
Oak, Bur	<i>Quercus macrocarpa</i>	70/70	N	FS	N	Y	Y	N	Y	Y	Y	Bark is deeply ridged-and-furrowed. Acorn cap is fringed. Tolerant of urban conditions.
Oak, Chestnut	<i>Quercus prinus</i>	60/60	N	FS	N	Y/B	Y	N	Y	Y	Y	Acorns are valuable food for wildlife.
Oak, English	<i>Quercus robur</i> (pg. 79)	60/60	N	FS	N	N	Y	Y	N	Y	Y	English oak has a fastigate variety.
Oak, Pin	<i>Quercus palustris</i>	70/40	N	FS	N	B	Y	Y	Y	Y	Y	Widely planted and one of the most common oaks
Oak, Red	<i>Quercus rubra</i>	70/70	N	FS	N	R	Y	Y	Y	Y	Y	Tolerant of pollution and is a great street tree.
Oak, Scarlet	<i>Quercus coccinea</i>	70/50	N	FS	N	R	Y	Y	Y	Y	Y	More sensitive to urban conditions than pin and red oaks, but still a good candidate for street trees
Oak, Shingle	<i>Quercus imbricaria</i>	60/60	N	FS	N	Y/R/B	Y	Y	Y	Y	Y	Old leaves persist through winter.
Oak, Shumard	<i>Quercus shumardii</i>	60/40	N	FS	N	R/B	Y	Y	Y	Y	Y	Leaf shape similar to pin and scarlet oaks
Oak, Swamp White	<i>Quercus bicolor</i>	75/60	N	FS	N	Y/R/P	Y	N	Y	Y	Y	Naturally occurs in moist bottomlands. More tolerant of urban conditions than white oak.
Oak, White	<i>Quercus alba</i>	75/60	N	FS	N	B/R	Y	Y	Y	Y	Y	Acorns are valuable food for wildlife.
Oak, Willow	<i>Quercus phellos</i>	60/40	N	FS	N	B	Y	N	Y	Y	N	Fine texture and makes a good street tree.
Pagoda Tree	<i>Styphnolobium japonica</i> (pg. 49)	50/40	M	FS	Y	N	Y	Y	N	Y	N	Smaller tree with green stems, summer flowers
Plum, Purpleleaf	<i>Prunus cerasifera</i> Thunderleaf (pg. 53)	25/25	Y	FS	Y	P	N	N	N	Y	N	Red foliage, scale major problem
Redbud, Eastern	<i>Cercis canadensis</i> (pg. 44)	30/35	Y	FS/SH	Y	Y	N	N	Y	Y	N	Not drought tolerant
Serviceberry	<i>Amelanchier spp.</i> (pg. 57)	30/25	Y	FS/SH	Y	O/R	N	N	Y	Y	N	Good understory tree (laevis, canadensis)
Sourwood	<i>Oxydendron arboreum</i>	30/20	N	FS/PSH	Y	M/S/P	N	N	Y	N	N	Summer flowers
Stewartia, Japanese	<i>Stewartia pseudocamellia</i>	30/20	N	FS/PSH	Y	R/O	N	N	N	Y	N	Flaky colorful bark with showy flowers
Sweetgum	<i>Liquidambar styraciflua</i> (pg. 38)	75/50	N	FS	N	Y/R	Y	N	Y	Y	Y	Nice foliage; interesting fruit
Tulip Tree	<i>Liriodendron tulipifera</i> (pg. 34)	90/50	N	FS	Y	Y	N	N	Y	N	Y	Pretty tulip-shaped flowers and leaves
Turkish Filbert	<i>Corylus colurna</i>	50/35	N	FS	N	N	Y	N	N	Y	N	Excellent street tree with dark green foliage
Yellowwood	<i>Cladrastis kentukea</i> (pg. 48)	50/55	N	FS	Y	Y/O	N	N	Y	N	N	Good flowers, weak wood
Zelkova	<i>Zelkova serrata</i> (pg. 64)	60/40	M	FS/PSH	N	R/B	Y	N	N	Y	N	Elm like leaves, short upright form, can be used under high power lines

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KEY

<p>SUN/SHADE FS: Full sun PSh: Part shade FSh: Full shade</p>	<p>FALL COLOR B: Bronze M: Maroon O: Orange P: Purple R: Red S: Scarlet Y: Yellow</p>	<p>NOTE: Availability of trees is dependant on seasonal availability at nurseries.</p>	<p>REFERENCES USED: Dirr, Michael A. Dirr's Hardy Trees and Shrubs: An Illustrated Encyclopedia. Timber Press, 1997. Portland, Oregon. Dirr, Michael A. Manual of Woody Landscape Plants. Stipes Publishing L.L.C., 1998. Champaign, Illinois Gerhold and Lacass. Street Tree Factsheets. The Pennsylvania State University, 1993. University Park, PA Staff of the LH. Bailey Hortorium, Cornell University, Hortus Third: A Concise Dictionary of Plants. Cultivated in the United States and Canada. Macmillan Publishing Company, 1976. New York The Greenbelt Native Plant Center Salt. Salt-Tolerant Species. NYC Dept of Parks and Recreation, 2011. NY, NY. http://www.nycgovparks.org/greening/greenbelt-native-plant-center/garden-species-lists/garden-salt.</p>
<p>UNDERNEATH WIRES Y: Yes N: No M: Maybe</p>			