



Arlington Tree Canopy Equity Program – Tree Species Available Fall 2024

Size: Trees are generally 2" caliper, 6'-7' high at planting, except where noted below.

Growth Rate: Slow= 12"/year; Medium=18"/year; Fast = 24"/year

Sunlight Requirement: Full sun=6+ hours; Part sun=4 to 6 hours

Section I - Large shade trees that may have width greater than 40 feet. Not recommended for planting within 15 feet of overhead wires.

Genus Species	Common Name	Mature Height (Ft)	Mature Width (Ft)	Sunlight Requirements	Species Description
<i>Betula nigra</i>	River Birch	40-70	40-60	Full to part sun	Lovely shedding white and brown bark, multi-stemmed, high wildlife value, fast growth rate. Do not let soil get too dry if planted in a hot, sunny location. Medium-fast growth rate.
<i>Celtis occidentalis</i>	Sugarberry	40-60	40-50	Full to part sun	Smooth bark in youth, then develops interesting 'corky' ridges. High wildlife value --berries relished by birds. Tolerates wet, dry, and poor soils. Medium-fast growth rate.
<i>Platanus occidentalis</i>	American Sycamore	70-100	70-90	Full sun	Interesting, multicolored bark; moderate wildlife value. An adaptable, tough tree. Medium-fast growth rate.
<i>Quercus bicolor</i>	Swamp White Oak	60-80	50-75	Full to part sun	Leaves dark, shiny green above and silvery white beneath; good fall color. High wildlife value. Tolerates flooding, drought, and a range of soils. Slow-medium growth rate.
<i>Tilia americana</i>	American Linden	60-80	30-50	Full sun to part shade	Dark green leaves, pale yellow fragrant flowers in June that are magnets for bees and are followed by small nutlets. Tolerates some drought. Moderate growth rate.

Section II - Shade trees with less than 40 foot width. Planting is not recommended within 10 feet of overhead wires.

Genus Species	Common Name	Mature Height (Ft)	Mature Width (Ft)	Sunlight Requirements	Species Description
<i>Carpinus caroliniana</i>	American Hornbeam	20-30	20-30	Partial shade to shade	Sinewy-smooth bark, delicate leaves. High wildlife value. Brilliant yellow fall color. Slow growth rate.
<i>Quercus palustris</i>	Pin Oak	60-70	30-40	Full sun	Russet or red leaf color in fall. High wildlife value. Tolerates wet sites; poor, compacted soil; and occasional periods of dry soil. Fast growth rate.

Section III - Small Trees: understory trees less than 35 feet tall

Genus Species	Common Name	Mature Height (Ft)	Mature Width (Ft)	Sunlight Requirements	Species Description
<i>Magnolia virginiana</i>	Sweetbay magnolia	20-35	20-35	Partial shade. Do not plant in full shade	Semi-evergreen with fragrant white flowers, tolerates some flooding and salt. Medium to fast growth rate.
<i>Chionanthus virginicus</i>	White fringetree	20-35	20-35	Full sun to shade	Prefers dry to moist soils, early summer large white blossoms, fragrant smell, and multi-stemmed.

Section IV – Shrubs

Genus Species	Common Name	Mature Height (Ft)	Mature Width (Ft)	Sunlight Requirements	Species Description
<i>Viburnum dentatum</i>	Arrowwood	6-12	variable	Full sun to shade	Tolerates dry to moist soils, white flowers spring, blackberries, Reddish fall color, multi-stemmed. Prefers 2 for better fruiting. Deer can be an issue.
<i>Cephalanthus occidentalis</i>	Buttonbush	6-12	variable	Full sun to shade	Tolerates dry to moist soils, creamy white flowers summer, Yellow fall color, multi-stemmed.
<i>Sambucus Canadensis</i>	Common elderberry	2-8	variable	Full sun to shade	Tolerates dry to wet soils, white flowers in summer, purple berries in fall can be made into preserves or wine, prefers two for better fruiting.
<i>Hydrangea quercifolia</i>	Oakleaf hydrangea	3-6	variable	Full sun to partial shade	Prefers moist rich soil, White blooms late spring, leaves purple in fall. Deer loves to eat this plant.
<i>Cornus sericea</i>	Red osier dogwood	6-9	variable	Partial shade	Prefers moist rich soil, White blooms early, Winter has spectacular red stems after leaves fall.
<i>Ilex verticillata</i>	Winterberry	6-12	variable	Full sun to shade	Prefers medium moisture, Greenish white spring. The highlight is the red berries that remain after leaves fall. Stunning winter specimen. Need more than one for more berries.
<i>Physocarpus opulifolius</i>	Ninebark	5-10	variable	Full sun to partial shade	Prefers medium moisture. Five petaled flowers appear in dense, spirea-like clusters in spring, and give way to clusters of reddish-pink capsules. If needed, prune just after blooming, but no later than mid-August. It can be cut to the ground in the winter to rejuvenate.
<i>Callicarpa Americana</i>	American Beauty Berry	3-9	variable	Partial shade	Prefers moist rich soil, I argue understory shrub. In the fall and early winter, the branches are laden with magenta-purple (sometimes white) berry clusters that look spectacular.

Right Tree, Right Place, Right at Home!

- Follow these suggested distances near overhead electric utility lines: for medium-width shade trees plant at least 10 feet away, and for larger-width trees plant at least 15 feet away.
- Plant at least 10 feet from a building.
- Plant at least 10 feet from existing small trees and 20 feet from existing large trees. Do not plant these trees under the canopy of other trees!
- Plant trees at least 4 feet from sidewalks, driveways, patios and fences. Minimum planting distance may be greater when considering particular site conditions in conjunction with the species to be planted.
- Plant trees at least 5 feet away from any known underground utility lines (water, gas, electric or sewer lines for example).
- To lower your cooling costs, shade your home by planting canopy trees on the southwestern and western sides.

Contact Information

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