

## Arlington Tree Canopy Fund Available Tree Selection 2013

All of these species do well in our area, generally accepting of our clay soils. The few that prefer a loamy soil are mentioned. Trees are generally 2" caliper, 7' high at planting except for those noted. **Preference is given for proposals with native trees planted to shade a public area or sidewalk.** Growth Rate given is for height: Slow= 12" year Medium=18" year Fast = 24" year

<b>Arlington Tree Canopy Fund</b>					
<b>Shade trees with less than 40 foot width. Not recommended for planting within 10 feet of overhead wire.</b>					
Genus Species	Common Name	Mature Height (Ft)	Mature Width (Ft)	Sunlight Requirements	Species Description
<i>Ilex Opaca</i>	American Holly	18-40	18-35	Full to partial sun	Evergreen, white flowers with red berries, moderate wildlife value, slow grower, <b>3-5' high at planting,</b>
<i>Halesia carolina</i>	Carolina Silverbell	30-40	20-35	Full to partial sun	White bell flowers, moderate wildlife value, High Soil Needs: prefers rich, well drained, acid, high organic matter, medium growth rate
<i>Juniperus virginiana</i>	Eastern Red Cedar	40-50	30-40	Full sun	Evergreen, blue berries, moderate wildlife value, used for screenings, medium grower
<i>Liriodendron tulipifera</i>	Tuliptree	70-100	20-40	Full to partial sun	Green white flowers, striking fall color, high wildlife value, grows straight few branches low, fast grower
<i>Magnolia grandiflora</i>	Southern Magnolia	60-80	30-40	Full to partial sun	Evergreen, white flowers, low wildlife value, slow to medium growth, <b>5' high at planting</b>
<i>Nyssa sylvatica</i>	Black tupelo, gum	30-75	25-30	Full to partial sun	Striking fall color, high wildlife value, slow to medium growth-- <b>Planted in Spring 2014</b>
<i>Ostrya virginiana</i>	Eastern Hop hornbeam	25-40	25-40	Sun to partial shade	Green hop shaped flowers, moderate wildlife value, slow growth, <b>1.5" caliper at planting</b>
<i>Oxydendrum arboreum</i>	Sourwood	20-35	20	Sun to partial shade	White bell flowers, striking fall color, moderate wildlife value, medium growth, <b>5' at planting</b>
<i>Pinus virginiana</i>	Virginia pine	50-80	20-35	Full sun	Not for front yards - naturalizing evergreen, drops lower limbs, high wildlife value, slow growth
<i>Quercus palustris</i>	Pin oak	60-70	30-40	Full sun	High wildlife value, fast growth rate
<i>Taxodium distichum</i>	Bald cypress	50-70	20-40	Full sun	Striking fall color, low wildlife value, grows well in very well areas, including standing water, medium growth rate
<i>Gleditsia triacanthos</i>	Honeylocust x Inmeris	30-70	30-40	full sun	White cluster flowers, striking fall color, moderate wildlife value, thornless variety, fast growth rate
<i>Ginkgo biloba</i>	Ginkgo	40-70	20-40	Full sun	<b>Non-native</b> Low wildlife value due to non-native, attractive flowers, handles wide range of soils, drought tolerant, slow-medium growth rate
<i>Tilia cordata</i>	Littleleaf Linden	40-60	25-40	Full to partial sun	<b>Non-native</b> Green flowers, low wildlife value, medium growth rate

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

<b>Genus Species</b>	<b>Common Name</b>	<b>Mature Height (Ft)</b>	<b>Mature Width (Ft)</b>	<b>Sunlight Requirements</b>	<b>Species Description</b>
<i>Acer rubrum</i>	Red Maple	Mature Height 40-60	Mature Width 35-60	Full to partial sun	Red flower buds, bark smooth and ridged, striking fall colors, moderate wildlife value, medium-fast growth rate
<i>Acer saccharum</i>	Sugar Maple	60-75	30-45	Full sun to shade	Green flower buds, bark smooth and ridged, striking fall color, moderate wildlife value, slow-medium growth rate
<i>Betula nigra</i>	River birch	40-70	40-60	Full sun to shade	Lovely shedding white and brown bark, multistemmed, very heat tolerant, medium-fast growth rate
<i>Celtis occidentalis</i>	Common Hackberry	40-60	40-50	Full to partial sun	Bark smooth with warts, high wildlife value, medium-fast growth rate
<i>Cladastris kentukea</i>	American Yellowwood	30-50	40-55	Full sun	White flowers, low wildlife value, prefers well drained soil, medium growth rate, <b>1.5" caliper at planting</b>
<i>Liquidambar styraciflua</i>	Sweetgum	60-100	50-75	Full to partial sun	Striking fall color, has spiky gum balls in fall and winter, moderate wildlife value, medium-fast growth rate
<i>Platanus occidentalis</i>	American Sycamore	70-100	70-90	Full sun	Bark is multicolored and has winter interest, moderate wildlife value, medium-fast growth rate
<i>Quercus alba</i>	White oak	57-100	60-80	Full to partial sun	High wildlife value, slow growth rate <b>Planted in Spring 2013</b>
<i>Quercus coccinea</i>	Scarlet oak	40-75	40-50	Full sun	Striking fall color, high wildlife value, medium-fast growth rate
<i>Quercus phellos</i>	Willow oak	40-60	40-70	Full sun	moderate wildlife value, medium growth rate
<i>Quercus rubra</i>	Red oak	60-75	60-75	Full sun	high wildlife value, fast growth rate
<i>Tilia americana</i>	American Linden x Redmond	60-80	30-55	Full sun	Striking fall color, white flowers, heart shaped leaves, high wildlife value, medium-fast growth rate

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Small trees recommended for locations under or close to an overhead power line.

If the planting site is not near an overhead power line, these trees may NOT be selected.

<b>Genus Species</b>	<b>Common Name</b>	<b>Mature Height (Ft)</b>	<b>Mature Width (Ft)</b>	<b>Sunlight Requirements</b>	<b>Species Description</b>
<i>Amelanchier arborea</i>	Downy Serviceberry	15-25	15-25	Partial sun to shade	Lovely white flowers, smooth bark, striking fall color, moderate wildlife value, medium growth rate
<i>Carpinus caroliniana</i>	American Hornbeam	20-30	20-30	Partial sun to shade	Performs best deep, rich, moist, slightly acidic soils, High wildlife value, smooth bark, slow growth rate, <b>1.5" caliper at planting</b>
<i>Cercis canadensis</i>	Eastern Redbud	20-30	20-30	Partial sun to shade	Purple flowers early spring before leaves, very wide, moderate wildlife value, medium growth rate
<i>Cornus alternifolia</i>	Pagoda Dogwood	15-25	20-30	Partial shade	White flowers, striking fall color, high wildlife value, Moist, acid well drained soil, slow-medium growth rate, <b>4 - 5' high at planting</b>
<i>Cornus florida</i>	Flowering Dogwood	20-50	20-50	Partial shade	White flowers, striking fall color, high wildlife value, slow-medium growth rate
<i>Crataegus viridis</i>	Winter King Hawthorn	15-20	15-20	Sun to light shade	Striking fall color, low wildlife value, drought tolerant, prefers well drained soil but tolerates damp for short time, medium growth rate
<i>Ilex x attenuata</i>	Foster's Holly	10-20	10-20	Full to partial sun	Evergreen, white flowers with red berries in winter, low wildlife value, fast growth rate, <b>3 - 5' at planting</b>
<i>Magnolia virginiana</i>	Sweetbay Magnolia	12-30	20-30	Full to partial sun	White flowers with lemony smell, smooth bark, stays green in winter, high wildlife value, medium-fast growth rate, <b>5' at planting</b>
<i>Prunus americana</i>	American Plum	20-35	20-35	Full to partial sun	White flowers, bark flaky, high wildlife value, thrives with neglect, medium-fast growth rate, <b>1.5" caliper at planting</b>

**Right Tree, Right Place, Right at Home!**

Follow the suggested distance from main overhead utility wires: At least 10 feet for medium width and 15 feet for larger trees. Only the smallest trees will fit under wires.

Plant at least 10 feet from a building

Plant trees at least 10 feet from small trees and 20 feet from other large trees

Plant at least 3 feet from sidewalks, driveways, patios, fences, and buried utilities

Plant for shade to lower your cooling costs: Plant on southwestern and western sides of home. Plant on southeastern and southern sides to shade your home from morning sun.