

## Tree Planting Program Species - Fall 2026

### Overview:

- All of these species do well in our area, generally accepting of our clay soils. The few that do not do well in clay are mentioned.
- Trees are generally 2-inch caliper, 7-feet high at planting.
- The tree growth rate is given for height: Slow= 12"/year Medium=18"/year Fast = 24"/year
- Shrubs are generally 2-feet high at planting.
- Shrubs will form thickets. Prune as needed to maintain size.

### Section I - Large Shade Trees

Common Name	Genus & Species	Mature Height (ft.)	Mature Width (ft.)	Sunlight Requirements	Species Description
American Linden	<i>Tilia americana</i>	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.
American Sycamore	<i>Platanus occidentalis</i>	70-100	70-90	Full sun	Interesting, multicolored bark; moderate wildlife value. An adaptable, tough tree. Medium-fast growth rate.
River Birch	<i>Betula Nigra</i>	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.
Pin oak	<i>Quercus palustris</i>	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.
Swamp White Oak	<i>Quercus bicolor</i>	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.

### Section II - Medium Shade Trees

Common Name	Genus & Species	Mature Height (ft.)	Mature Width (ft.)	Sunlight Requirements	Species Description
American holly	<i>Ilex opaca</i>	40-50	18-40	Sun to partial shade	Moist well drained soil; avoid extremely dry, windy, and wet sites. Pyramidal growth habit. Slow growing.
American Hornbeam	<i>Carpinus caroliniana</i>	20-30	20-30	Partial shade to shade	Sinewy-smooth bark, delicate leaves. High wildlife value. Brilliant yellow fall color. Slow growth rate.
Hackberry	<i>Celtis occidentalis</i>	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.