

**Hamilton County Master Gardeners Association of Indiana
Recommended Medium Sized Deciduous Trees**

| <u>Botanical Name</u> | <u>Common Name(s) Cultivars'</u> | <u>Mature Height</u> | <u>Mature Spread</u> | <u>Bloom</u> | <u>Bloom Color</u> | <u>Sun</u> | <u>Water</u> | <u>Maintenance</u> | <u>Shape</u> | <u>Growth</u> | <u>Fall Color</u> | <u>Notes / Designated Street Tree in (C)armel, (N)oblesville, (F)ishers, (W)estfield</u> |
|---|---|--------------------------|--------------------------|--------------|--|--------------------------|---------------|--------------------|--|--------------------------------------|---------------------------------------|---|
| Medium Trees: Suitable for medium sized yards and tree lawns at least 6 feet wide and not under utility wires: | | | | | | | | | | | | |
| Carpinus betulus | European hornbeam, (non-native) | 40-60' | 30-40' | March | yellow - male green - female | Part shade to full shade | Medium | Low | Pyramidal to oval rounded crown | Slow, can live 120 years | Unremarkable yellow orange | Distinctive smooth gray bark . Good as shade tree or hedge with low growing branches. CW |
| Carpinus caroliniana | American hornbeam, Ironwood, Muscledwood, Waterbeech, Bluebeech | 20-35' | 20-35' | April | White - female, green - male | Part shade to full shade | Medium | Low | Short twisted crooked trunk with low widely spreading crown | Slow, can live 100 years | Colorful yellow, orange or red | Plant as understory tree. Distinctive blue gray bark is smooth with distinctive muscle like fluting. Prefers moist organic acidic soil. Purchase locally only as Southern ironwood is not hearty here. Attracts songbirds. CF |
| Cladastris kentukea | Yellowwood | 30-50' | 40-55' | May | Large showy fragrant drooping white clusters | Full sun | Medium | Low | Broadlay ovate | Moderate, can live 150 years | Bright yellow | Deep rooted, few disease or insect problems, a perfect ornamental tree especially for smaller properties. Prune judiciously to one trunk & only in summer. CW |
| Diospyros virginiana | Persimmon | 36-60' | 25-35' | May - June | Fragrant & white to greenish yellow | Full sun to part shade | Dry to Medium | Low | Upright spreading crown | Moderate, can live 100 years | Bright yellow | Likes well drained soils but somewhat toleramt. Showy bark in separate blocks. Separate male & female trees necessary for fruit. Extremely hard wood has been used to make golf club heads. Prune suckers for central leader. Transplant young as it has a sizable taproot. C |
| Halesia carolina | Carolina silverbell | 30-40' | 20-35' | April | Showy drooping bell-shaped white clusters | Full sun to part shade | Medium | Low | Irregular to rounded and broad. May be grown as shrub or pruned with central leader as a tree. | Moderate, can live 200 years | Yellow | Prefers well drained acidic soil & sunny protected location. Best as specimen or against evergreens or dark background. May be susceptible to ice storm damage & hard to find at nurseries. C |
| Nyssa sylvatica | Sourgum, Blackgum, Water tupelo | 30-50' | 20-30' | May - June | Clustered greenish white | Full sun to part shade | Medium to wet | Low | Stately with long straight trunk & rounded crown | Slow, can live 500 years | Showy red, orange, scarlet, & crimson | Prefers moderately acidic soil but tolerates poorly drained soils & drought. Good source of nectar for honey bees & birds are attracted to its berries. Beautiful tree year round. Single sexed trees so two will be necessary for fruiting. Should be used more as an ornamental. CNW |
| Ostrya virginiana | Eastern hophornbeam, Ironwood | 25-40' | 20-30' | April | Red - male light green - female | Part shade to full shade | Medium | Low | Conical becoming globose with age | Slow, can survive 150 years | Yellow & drop early | Graceful understory tree very sensitive to salt spray. Prefers well drained moist slightly acidic soil but tolerant of urban soils. Relatively pest free. Interesting hop shaped seed pods. Perfect for small shady area of the yard. Hard to find at nurseries. Attracts songbirds. CF |
| Oxydendrum arboreum | Sourwood, sorreltree, Lily of the valley tree | 20-50' | 10-25' | June - July | Fragrant drooping white panicles | Full sun to part shade | Medium | Low | Upright | Slow | Showy crimson | Grown best in organic, well drained soils. Intolerant of drought & urban pollution. Attracts bees. Excellent specimen tree on small lot or near patio. Four season tree - highly ornamental. Hard to find at nurseries. C |
| Quercus bicolor | Swamp white oak | 50-60' | 50-60' | April | Yellowish green, insignificant | Full sun | Medium to wet | Low | Irregular and open crown with often short drooping branches | Moderate, can live 350 years | Showy yellow brown to red | Good street tree, attracts birds, well adapted to urban poorly drained areas. Remove lower branches for pedestrian clearance. Resistant to salt spray, drought & heat. Attracts 60+ species of birds. CNW |
| Quercus imbricaria | Shingle oak, Northern laurel oak | 40-60' | 40-60' | April | Yellowish green, insignificant | Full sun | Medium | Low | Pyramidal in youth to oval to round later | Moderate, can live 200 years | Yellow brown to reddish brown | Retains leaves over winter, prefers well drained, acid soils though somewhat adaptable. Resistant to salt spray & drought. Attracts 60+ species of birds. CFNW |
| Quercus shumardii | Shumard oak | 40-60' | 30-40' | April | Greenish, insignificant | Full sun | Dry to medium | Low | Pyramidal in youth to open crown with age | Moderate to fast, can live 200 years | Brilliant red to red orange | Tolerates wide range of soils, good street tree, prune early for central leader & strong structure. Attracts 60+ species of birds. W |

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| Medium Trees: Suitable for medium sized yards and tree lawns at least 6 feet wide and not under utility wires: | | | | | | | | | | | | |
| Quercus velutina | Black oak | 50-60' | 50-60' | April - May | Yellowish green, insignificant | Full sun | Dry to medium | Low | Pyramidal in youth to open crown with age | Moderate, can live 200 years | Yellow to yellow brown to dull red | Prefers organic rich well drained soil but tolerates poor soils though not drought tolerant. Difficult to transplant because of deep taproot. Attracts 60+ species of birds. W |
| Sassafras albidum | Sassafras | 30-60' | 25-40' | April - May | Greenish yellow, fragrant | Full sun to part shade | Medium | Medium | Pyramidal in youth to open crown with age | Moderate to fast, can live 1,000 years | Showy orange, red or yellow | Prune frequently to train to single trunk otherwise will naturalize into a thicket. Nearly pest free & adaptable to nearly all sites except wet. Drought resistant. Leaves have three shapes: ovate, mitten-shaped & three lobed. Four season tree with blue-black berries. Leaves, twigs & bark have spicy aroma. Bark used to make tea and root beer. |
| See (C)armel, (F)ishers, (N)oblesville and (W)estfield's web sites for detailed recommendations regarding planting trees between the street and sidewalk. | | | | | | | | | | | | |
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