



# Zionsville Tree List

	Species Name	Mature Height	Mature Spread	Sun	Soil Moisture	Notes
Evergreen	+White Spruce, <i>Picea glauca</i>	40 – 60 feet	10 – 20 feet	Full Sun/Part Shade	Medium	Good drainage required. Shallow spreading roots. 1 – 2” cones.
	+Balsam Fir, <i>Abies balsamea</i>	50 – 75 feet	20 – 30 feet	Full Sun/Shade	Medium/Moist	Shallow rooted, prefers cooler, acidic soils. 2 – 4” cones.
	+Red Pine, <i>Pinus resinosa</i>	50 – 80 feet	20 – 30 feet	Full Sun/Part Shade	Dry/Medium	Prefers sandy soil. 2 – 3” cones. Older trees develop oval growing habit.
Small Trees	Flowering Dogwood, <i>Cornus florida</i>	15 – 30 feet	20 feet	Full Sun/Shade	Medium	Flowering ornamental, watch for Anthracnose.
	Pagoda Dogwood, <i>Cornus alternifolia</i>	15 – 25 feet	20 – 30 feet	Full Sun/Part Shade	Medium	Tolerates Black Walnut.
	Eastern Redbud, <i>Cercis canadensis</i>	20 – 30 feet	25 – 35 feet	Full Sun/Part Shade	Medium	Tolerates clay soils and Black Walnut, Long bean like seed pods.
	Serviceberry, <i>Amelanchier sp.</i>	15 – 40 feet	Variable	Full Sun/Part Shade	Medium	Provides edible berries for birds.
	*Flowering Crabapple, <i>Malus coronaria, M. ioensis</i>	15 – 20 feet	Variable	Full Sun	Medium	Many varieties available. Species listed are native to Indiana. All have fruit.
	Pawpaw, <i>Asimina triloba</i>	15 – 30 feet	15 – 20 feet	Full Sun/Shade	Medium/Moist	Need multiple trees for fruit production, protected location, can be weak wooded.
	Common Hoptree, <i>Ptelea trifoliata</i>	15 – 20 feet		Full Sun/Shade	Medium	Low branching, needs trimming. Not flood tolerant, tends to sucker.
	*Paperbark Maple, <i>Acer griseum</i>	20 – 30 feet	10 – 30 feet	Full Sun/Part Shade	Medium	Small ornamental tree, peeling bark, samaras.
	Washington Hawthorn, <i>Crataegus phaenopyrum</i>	25 – 30 feet	20 – 30 feet	Full Sun/Part Shade	Medium	Some disease and insect problems. Thorns, unpleasant scented flowers.
	Green Hawthorn, <i>Crataegus viridis</i>	20 – 35 feet	20 – 35 feet	Full Sun/Part Shade	Medium	Better disease resistance. Fewer thorns. Winter King common cultivar.
	American Hornbeam, <i>Carpinus caroliniana</i>	20 – 30 feet	20 – 30 feet	Full Sun/Shade	Medium/Moist	Not salt tolerant. Common understory tree in woodlands.
	Ohio Buckeye, <i>Aesculus glabra</i>	20 – 40 feet	20 -40 feet	Full Sun/Part Shade	Medium	Showy flowers. Tolerates drought. Buckeye fruits.
	*European Hornbeam, <i>Carpinus betulas ‘Fastigiata’</i>	40 – 60 feet	20 - 30 feet	Full Sun/Shade	Medium	Tolerates pollution. Use as screen, hedge or windbreak.
	Red Maple, <i>Acer rubrum</i>	40 – 60 feet	35 – 45 feet	Full Sun/Part Shade	Medium/Wet	Avoid planting close to sidewalks and driveway. Samaras.

Medium Trees	Northern Catalpa, <i>Catalpa speciosa</i>	40 – 60 feet	20 – 40 feet	Full Sun	Medium	Branches are brittle, tend to break during storms. Showy flowers.
	Black Oak, <i>Quercus velutina</i>	50 – 60 feet	40 – 70 feet	Full Sun/Part Shade	Dry/Medium	Tolerant of urban conditions. Acorns.
	Shingle Oak, <i>Quercus imbricaria</i>	50 – 60 feet	50 – 60 feet	Full Sun/Part Shade	Medium	Tolerant of urban conditions. Unlobed leaves. Acorns.
	Black Gum, <i>Nyssa sylvatica</i>	30 – 50 feet	20 – 30 feet	Full Sun/Part Shade	Medium/Wet	Bright red fall leaves. Prefers acidic soils.
	Common Hackberry, <i>Celtis occidentalis</i>	40 – 60 feet	40 – 50 feet	Full Sun	Medium/Wet	Good urban street tree. Does drop small twigs and hard fruit.
	Black Cherry, <i>Prunus serotina</i>	50 – 60 feet	20 – 30 feet	Full Sun/Part Shade	Medium	Tolerant of urban conditions. Not flood tolerant. Fruit.
	Sugar Maple, <i>Acer saccharum</i>	40 – 80 feet	40 - 50 feet	Full Sun/Part Shade	Medium	Intolerant of road salt. Samaras.
Large Trees	White Oak, <i>Quercus alba</i>	50 – 80 feet	100 feet	Full Sun	Dry/Medium	Good drought tolerance. Acorns.
	Red Oak, <i>Quercus rubra</i>	50 – 75 feet	50 – 75 feet	Full Sun	Dry/Medium	Tolerates pollution, compacted soils and salt spray but not flooding. Acorns.
	Scarlet Oak, <i>Quercus coccinea</i>	40 – 70 feet	40 – 70 feet	Full Sun	Dry/Medium	Very wide spreading, and needs well drained soil. Acorns.
	Chinkapin Oak, <i>Quercus muehlenbergii</i>	40 – 70 feet	50 – 70 feet	Full Sun	Medium/Dry	Needs well drained soils. Acorns. Coarse toothed leaves.
	Bur Oak, <i>Quercus macrocarpa</i>	70 – 80 feet	70 – 80 feet	Full Sun	Medium/Dry	Tolerates occasional flooding. Acorns.
	Shagbark Hickory, <i>Carya ovata</i>	60 – 80 feet	30 – 50 feet	Full Sun/Part Shade	Medium	Tolerates clay soils, 40 years for nuts.
	Shellbark Hickory, <i>Carya laciniosa</i>	60 – 80 feet	50 – 75 feet	Full Sun/Part Shade	Medium/Wet	Tolerates wet, temporary flooded. Nuts.
	Tulip Poplar, <i>Liriodendron tulipifera</i>	60 – 90 feet	35 – 50 feet	Full Sun	Medium	Indiana State Tree. Green-orange flower.
	Sycamore, <i>Platanus occidentalis</i>	75 – 100 feet	50 – 70 feet	Full Sun	Medium/Wet	Tolerates pollution, avoid near drainage pipes.
	Yellow Buckeye, <i>Aesculus flava</i>	60 – 80 feet	25 – 35 feet	Full Sun/Part Shade	Medium	Showy flowers, tolerant of wet soils.
	Kentucky Coffeetree, <i>Gymnocladus dioica</i>	60 – 75 feet	40 – 50 feet	Full Sun	Medium	Leaves and seeds are toxic if ingested raw, not salt tolerant.
	American Sweetgum, <i>Liquidambar styraciflua</i>	60 – 75 feet	40 – 75 feet	Full Sun	Medium/Wet	Seedless varieties for street trees. Prefers acidic soils. Spikey seed balls.
	*Little Leaf Linden, <i>Tillia cordata</i>	60 – 70 feet	30 – 40 feet	Full Sun	Medium	Tolerant of urban conditions. Prone to attack from Japanese beetles.
	*Silver Linden, <i>Tillia tomentosa</i>	50 – 70 feet	25 – 40 feet	Full Sun/Part Shade	Medium	Tolerant of urban conditions. Some resistance to Japanese beetles.
	*Ginkgo, <i>Ginkgo biloba</i>	50 – 80 feet	Variable	Full Sun	Medium	Widely tolerant of urban conditions. Consider only male trees.
	American Elm, <i>Ulmus americana</i>	60 – 80 feet	40 – 70 feet	Full Sun	Medium	Dutch Elm resistant cultivars ‘Valley Forge’, ‘Princeton’, ‘New Harmony’
	Eastern Larch, <i>Larix laricina</i>	40 – 80 feet	30 – 50 feet	Full Sun	Moist	Needs wide planting bed to accommodate low branching nature
Honey-locust, <i>Gleditsia triacanthos</i>	30 – 70 feet	30 – 70 feet	Full Sun	Medium	Thornless cultivar ( <i>inermis</i> ). 8” pods.	

All species listed are native to Indiana except: + Native to North America, \*Non-native species