

2021 Native Tree Sale

Ordering deadline **Wednesday September 22nd**

Order online at www.hamiltonswcd.org

Trees are \$29 + tax and will be in 3 gallon containers. Pricing/availability are subject to change so order early & check online for updates.

Order pick up: **Friday, October 1st 11am-6pm** at Hamilton County 4-H Fair Grounds Llama Barn

Visit our online store to place your order and see the most up to date availability. Some quantities may be limited.

Remember to consider *above and below* ground utilities and mature growth size when choosing trees for your property. Always call 811 before you dig.

We guarantee a healthy specimen will be supplied at pick up. Due to variations in planting, site conditions and care, no guarantee or refunds will be given after tree pick up. For three-gallon specimens, you are investing in quality root stock vs vigorous above ground leafing or height. From strong roots grow strong trees! All specimens are three gallon (pot size ~11x9.5 inches).

* Trees with asterisks re noted in the *Purdue Indiana Climate Change Impacts Assessment* as good choices for urban areas in relation to climate change and foreseen shifting vegetation habitats.

Growth rate notes: Slow - 1ft per year or less, Medium - 1-2 ft per year, Fast - 2+ ft per year

Shrubs

	Scientific name	Common name	Mature size	Mature height	Mature spread	Growth Rate	Estimated height at delivery	Bloom time	Sun	Soil moisture	Notes
NEW	<i>Amorpha canescens</i>	Lead Plant	Shrub	2-3	2-2.5		1-2	July-Sept	Full sun	Dry-Medium	Small shrub with purple blooms. Nitrogen fixer. Attracts birds and butterflies and tolerates drought, erosion and dry soils. May spread by self-seeding.
NEW	<i>Amorpha fruticosa</i>	Indigo Bush	Shrub	4-12	6-15		2-3	April-June	Full sun	Medium-Wet	Attracts butterflies and tolerates occasional flooding. It is often used for erosion control, windbreaks and screens. Good shrub for moist naturalized areas or areas with poor soils.
	<i>Aronia melanocarpa</i>	Black chokeberry	Shrub	3-6	3-6	Medium	2-3	May	Full sun-part shade	Medium	Great for borders and wet areas. Prune unwanted suckers to limit spread. Loved by birds.
	<i>Ceanothus americanus</i>	New Jersey Tea	Shrub	3-4	3-5	Medium	1-2	May-July	Full sun-part shade	Dry-Medium	Compact, dense, rounded shrub great for well-drained areas. Drought tolerant, very adaptable. Nectar source and larval host to spring and summer azure butterflies and mottled Duskywing. Nitrogen fixer.
	<i>Cephalanthus occidentalis</i>	Buttonbush	Shrub	5-12	4-8	Medium	2-3	June	Full sun-part shade	Medium-Wet	Grows well in wet soils. Showy, unique flower heads.
NEW	<i>Cornus racemosa</i>	Grey Dogwood	Shrub	10-15	10-15	Medium	2-3	May-June	Full sun-part shade	Medium	Tolerates wide range of soil conditions, including both moist and somewhat dry soils. Tolerant of city air pollution. Will spread to form thickets if root suckers are not removed.
	<i>Cornus sericea</i>	Red Osier Dogwood	Shrub	6-9	7-10	Fast	2-3	May-June	Full sun-part shade	Medium-Wet	Red branches- great winter interest. Tolerates clay soil, wet soil, and deer. Can be used for erosion control or screening.
	<i>Hamamelis virginiana</i>	Witch hazel	Shrub	15-20	15-20	Medium	1-2	Oct-Dec	Full sun - Part shade	Medium	Tolerates heavy clay soils. Promptly remove suckers to prevent colonial spread. Little pruning is required.
NEW	<i>Hydrangea arborescens</i>	Smooth hydrangea	Shrub	3-5	3-5	Fast	1-2	June-Sept	Part shade	Medium	Loosely, widely branched deciduous shrub that grows easily in medium moisture, well-drained soils. Full sun only with consistent moisture. Rabbits avoid.
NEW	<i>Ilex verticillata</i>	Winterberry	Shrub	3-12	3-12	Slow	2-3	June-July	Full sun - Part Shade	Med - Wet	Tolerant of poorly drained soils. Brilliant red berries can persist through winter. Dioecious. Excellent in low spots or along ponds. Great for birds. Subject to chlorosis in high pH soils.
	<i>Lindera benzoin</i>	Spicebush	Shrub	6-12	6-12	Medium	1-2	April	Sun- shade	Dry- Wet	Good in moist, shady spaces. Larval host to Swallowtail butterfly.
	<i>Physocarpus opulifolius</i>	Common Ninebark	Shrub	5-8	4-6	Medium	2-3	May-June	Full sun-part shade	Dry-Medium	Versatile arching shrub for hedges, screening, or specimen planting. Should be pruned regularly for landscape aesthetic. Tolerates road salt, clay soil, occasional drought and flooding.
NEW	<i>Rhus aromatica</i>	Fragrant Sumac	Shrub	2-6	6-10		2-3	April	Full sun-part shade	Dry - Medium	Tolerates Rabbit, Drought, Erosion, Clay Soil, Dry Soil, Shallow-Rocky Soil, Black Walnut. Tolerant of wide range of soils except those that are poorly drained. Good for stabilizing embankments or for hard-to-cover areas with poorer soils or for wild parts of native plant gardens or naturalized areas. Informal hedges.
	<i>Sambucus canadensis</i>	Elderberry	Shrub	5-12	5-12	Fast	2-3	June-July	Full sun-part shade	Medium-Wet	Fruit attractive to wildlife and for jams etc. Great shrub border or screen and in low, wet spots. Naturalizes via suckers.
	<i>Symphoricarpos orbiculatus</i>	Coralberry	Shrub	2-5	4-8	Fast	2-3	April-May	Full sun-part shade	Medium-Dry	Coral berries provide winter interest.
NEW	<i>Viburnum dentatum</i>	Arrowwood Viburnum	Shrub	6-10	6-10	Medium	2-3	May-June	Full sun-part shade	Medium	Upright, rounded, multi-stemmed, deciduous shrub which typically matures to 6-10' tall with a similar spread, but may reach a height of 15' in optimum growing conditions. The Missouri Botanical Garden says this shrub is not highly ornamental, but exceedingly winter hardy, vigorous and reliable. Great for shrub borders or as a tall hedge or screen, and as a background to native plantings.
	<i>Viburnum prunifolium</i>	Blackhaw Viburnum	Shrub	12-15	6-12	Medium	2-3	May-June	Full sun-part shade	Dry-Medium	Easily grown in dry soil, tolerates drought and clay soil. Can be a multi-stem shrub or trained into single stem small tree.

Small Trees

	Scientific name	Common name	Mature size	Mature height	Mature spread	Growth Rate	Estimated height at delivery in feet	Bloom time	Sun	Soil moisture	Notes
	<i>Amelanchier laevis</i>	Allegheny Service-berry	S	15-40	15-40	Medium	3-4	April	Full sun-part shade	Medium	Edible berries attract birds. Attractive understory tree for lawns, street tree, or screening.
	<i>Asimina triloba</i>	Paw Paw	S	15-30	15-30	Slow	1-2	Fruit in Autumn	Full sun- shade	Medium-Moist	"Indiana Banana" Great understory tree. Tolerates shade and competition. Large, edible fruit ripe in Oct. Need multiple trees for fruit production and/or hand pollination.
	<i>Cercis canadensis</i>	Redbud*	S	20-30	25-35	Medium	3-4'	April	Full sun-part shade	Medium	Showy pink spring flowers. Avoid poorly drained soils. Tolerates deer, clay soil, and black walnut.
NEW	<i>Prunus americana</i>	American Plum	S	15-25	15-25		4-5	March-April	Full sun-part shade	Dry - Medium	Easily grown in average, dry to medium, well-drained soils in full sun to part shade. Remove suckers to prevent unwanted spread. This species is usually grown for ornamental value and not for fruit production, however. Although the plums can be eaten raw, the quality is somewhat poor. The fruits are perhaps better used for preserves and jellies.
NEW	<i>Salix discolor</i>	Pussy willow	S	6-15	4-12		3-4	March-April	Full sun -part shade	Medium-Wet	Grow in average, medium to wet, well-drained soils in full sun to part shade. Prefers full sun. Thrives in moist soils, but tolerates somewhat drier soils better than most other willows. Intolerant of dry soils. Prune as needed in late winter to early spring. Plants may be cut to the ground every 3-5 years to maintain a smaller shrub shape. Dioecious. Produces considerable litter (leaves, twigs, etc.) Should no be planted within 50 feet of any buried sewer or drain pipes. Male plants produce the showy late winter catkins but we are not able to guarantee sex of tree.

Medium & Large Trees

	Scientific name	Common name	Mature size	Mature height	Mature spread	Growth Rate	Estimated height at delivery in feet	Bloom time	Sun	Soil moisture	Notes
	<i>Acer rubrum</i>	Red Maple	L	40-60	40	Med-Fast	4-5	March-April	Full sun-part shade	Medium-Wet	Beautiful fall color. Tolerates wet soil and air pollution. Great specimen tree but avoid planting too close to sidewalks/driveway.
	<i>Acer saccharum</i>	Sugar Maple	L	40-80	30-60	Slow-Med	1-2	April	Full sun-part shade	Medium	Beautiful fall color. Intolerant of road salt, poorly drained and compacted soils.
	<i>Betula nigra</i>	River Birch *	M	30-40	25-35	Medium	4-5	April-May	Full sun-part shade	Medium-Wet	Beautiful exfoliating creamy white bark. Tolerates temporary flooding and clay soils. *Roots infiltrate subsurface drainage. Keep at least 100 feet from any buried drainage pipes.*
NEW	<i>Carpinus caroliniana</i>	American Hornbeam	M	20-35	20-35	Slow	4-5	February	Part-Full shade	Medium	Smooth, gray trunk gives this tree the nickname of muscle wood. Great shape and low maintenance makes this tree great for understory or in shady lawns. Tolerates clay soil and black walnut.
	<i>Carya illinoensis</i>	Northern Pecan	L	70-100	40-70	Medium	2-3	April-May	Full sun	Medium	Begins to bear nuts in 6-10 years. Humans and wildlife love nuts.
	<i>Carya ovata</i>	Shagbark Hickory	L	60-80	30-50	Slow	1-2'	April-May	Full sun-part shade	Medium	Requires large area to grow. Great shade tree with interesting bark in maturity. Tolerates clay soils. 40 years for nuts.
	<i>Catalpa speciosa</i>	Northern Catalpa	M/L	40-70	20-50	Med-Fast	4-5'	May-June	Full sun-part shade	Medium-Wet	Tolerant of wet and dry soils and seasonal flooding. Dramatic flowers, long slender seedpods. Catalpa sphinx moth caterpillars common. Messy for prominent areas.
	<i>Celtis occidentalis</i>	Hackberry*	M	40-60	40-60	Med-Fast	2-3'	April-May	Full sun	Medium-Wet	Tolerates wide range of soil conditions, drought, & poor soils. Great for butterflies and birds.
	<i>Diospyros virginiana</i>	Persimmon*	M	35-60	25-35	Medium	1-2	Fruit in Sept.	Full sun-part shade	Dry-Medium	Ornamental tree with edible food crop. Male & female trees necessary for fruiting. Prune suckers for central leader.
NEW	<i>Fagus grandifolia</i>	American Beech	L	50-80	40-80		2-3	April-May	Full sun-part shade	Medium	Intolerant of wet, poorly drained soils and highly urban settings. Tall with a dense, upright-oval to rounded-spreading crown. Trunks have distinctive thin, smooth, gray bark. Large tree for a large space.
	<i>Gymnocladus dioica</i>	Kentucky Coffeetree	M	60-75	40-50	Slow-Med	3-4	May-June	Full sun	Dry-Wet	Shade and ornamental tree with pyramidal shape. Produces seed pods. Very drought tolerant.
	<i>Juniper virginiana</i>	Eastern Red Cedar *	M - Evergreen	30-65	8-25	Medium	2-3	Evergreen	Full sun	Dry-Medium	Good for screen or windbreak. Intolerant of shade.
	<i>Liriodendron tulipifera</i>	Tulip Poplar	L	60-90	30-50	Fast	4-5	May-June	Full sun	Medium	State tree of Indiana. Showy flowers. Prefers moist well drained sites. Tolerates part shade and clay soil. Not a good street tree but beautiful landscape/shade specimen.
	<i>Nyssa sylvatica</i>	Black Gum	M	30-50	20-30	Slow	2-3	May-June	Full sun-part shade	Medium-Wet	Tolerates standing water and drought. Slow growing, flowers great nectar source for bees. Great ornamental for lawns or street tree.
NEW	<i>Ostrya virginiana</i>	Hop Hornbeam*	M	25-40	20-30	Slow	4-5	April	Full sun-part shade	Medium	Nice shade or street tree tolerant of clay soil.
	<i>Pinus strobus</i>	White Pine	L - Evergreen	50-80	20-40	Fast	1-2	Evergreen	Full sun-part shade	Medium	Low maintenance, rapid-growing evergreen tree. Great specimen tree—allow for future growth. Susceptible to many pests. Great for windbreaks.
	<i>Platanus occidentalis</i>	Sycamore*	L	75-100	75-100	Fast	4-5	April	Full sun	Medium-Wet	Largest diameter deciduous tree in NA. Prefers rich organic soils, tolerant of urban pollution. Avoid near drainage pipes.
	<i>Prunus serotina</i>	Black Cherry	M	50-80	30-60	Fast	4-5	April-May	Full sun-part shade	Medium	Med/large flowering shade tree.
	<i>Quercus alba</i>	White Oak	M/L	50-80	50-80	Slow	4-5	May	Full sun	Dry- Medium	Best grown in rich, moist, acidic, well-drained loams in full sun. Adapts to a wide variety of soil conditions with good drought tolerance.
	<i>Quercus bicolor</i>	Swamp White Oak	M	50-60	50-60	Fast	5-6	April	Full sun	Medium-Wet	Specimen tree, prefers acidic soils. Great for wet spots with surprising drought tolerance.
	<i>Quercus coccinea</i>	Scarlet Oak	M/L	50-70	40-50	Medium	3-4	April-May	Full sun	Dry-Medium	Low maintenance, shade/street tree with large crown. Tolerates drought and dry soil. Not subject to chlorosis as much as pin oak. Great fall color.
	<i>Quercus rubra</i>	Red Oak	M/L	50-75	50-75	Medium	4-5	May	Full sun	Dry-Medium	Prefers well drained acidic soils, & salt spray though. Tolerates pollution, compacted soils, drought, & salt spray through. Not flooding.
	<i>Quercus velutina</i>	Black oak*	L	50-60	50-60	Medium	4-5	April-May	Full sun	Dry-Medium	Well drained soils tolerates poor dry soils. Medium shade tree for lawns, streets. Less susceptible to common oak diseases.
	<i>Taxodium distichum</i>	Bald Cypress	L - Deciduous conifer	50-70	20-45	Medium	4-5	Deciduous conifer	Full sun	Medium-Wet	Tolerates wide range of soils- dry to standing water. Loses needles in fall.
	<i>Thuja occidentalis</i>	Arborvitae/ Northern White	M - Evergreen	20-40	10-15	Fast	1-2	Evergreen	Full sun-part shade	Medium	Intolerant of dry conditions. Winter interest.