

Tippecanoe County Soil & Water Conservation District

2021 Native Tree & Shrub Sale



Large Trees



Sugar Maple

Acer saccharum

Height: 100'

Spread: 90'

Sun: sun to shade

Site conditions: moist, well-drained soils

Notes:

- Wide-spreading branches
- Showy red, yellow, and orange fall foliage
- Maple syrup is made from the sap
- Intolerant of salt and compacted soil



Yellow Birch

Betula alleghaniensis

Height: 60-75'

Spread: 60-75'

Sun: Full sun to part shade

Site conditions: Moist, well-drained soils

Notes:

- Showy silver/bronze peeling bark
- Yellow fall color
- Tolerates poor drainage
- Prefers acidic soils, but will tolerate alkaline
- Tippecanoe County on the southern edge of it's range



River Birch

Betula nigra

Height: 40-70'

Spread: 40-60'

Sun: Full sun to part shade

Site conditions: moist to wet

Notes:

- Peeling bark provides winter interest
- Fast-growing
- Irregular, spreading crown
- Well suited for areas that are seasonally wet
- Seeds eaten by wildlife



Northern Pecan

Carya illinoensis

Height: 70-100'

Spread: 40-75'

Sun: Sun to part shade

Site conditions: moist, well-drained soils

Notes:

- Edible nuts
- Round crown
- Drought tolerant
- Dropped fruit, leaves and pecan husks release a substance which can stain clothes, vehicles, pavement
- Low, spreading branches



Northern Catalpa

Catalpa speciosa

Height: 40 - 70'

Spread: 20 - 50'

Sun: Full sun to part shade

Site conditions: moist to wet

Notes:

- Tolerant of a wide range of soil conditions
- Large, showy flowers in late spring
- Long, green bean-like seed pods in summer
- Host to Catalpa Sphinx moth and caterpillars can be found in large numbers
- Produces ground litter through shed branches, flowers, seed pods



Persimmon

Diospyros virginiana

Height: 35-60'

Spread: 25-35'

Sun: Full sun to part shade

Site conditions: medium to dry sites

Notes:

- Drought tolerant
- Need male and female trees in order to set fruit
- Rounded oval crown
- Edible fruit in fall
- Wildlife eat fruit
- Slow-growing
- Orange fall foliage



Eastern Red Cedar

Juniperus virginiana

Height: 40-50'

Spread: 8-20'

Sun: full sun

Site conditions: dry or moist, well-drained soils

Notes:

- Important for wildlife cover
- Prefers alkaline (basic) soil
- Type of juniper, not a true cedar
- Tolerant of many site conditions
- Needles of young trees are sharp, and become flat and scale-like as it matures
- Often found in old fields or roadsides



Sweetgum

Liquidambar styraciflua

Height: 60-80'

Spread: 40-60'

Sun: full sun to part shade

Site conditions: moist, rich soils

Notes:

- Conical crown that becomes more rounded with age
- Showy red-purple fall foliage
- Fruit is woody, spiky ball (1" diameter), can be difficult to clean up
- Adaptable to a variety of sites



Quaking Aspen

Populus tremuloides

Height: 20-50'

Spread: 10-30'

Sun: Full sun

Site conditions: tolerates a variety of soils

Notes:

- Showy white bark
- Named for “quaking” of leaves in the breeze
- Yellow fall foliage
- Intolerant of urban pollutants
- In nature, appear in groves consisting of clones sharing a root system
- Trees are dioecious (male or female)
- Fast-growing



Black Cherry

Prunus serotina

Height: 50-60'

Spread: 20-30'

Sun: Full sun to part shade

Site conditions: moist, well-drained soil

Notes:

- Tolerant of many conditions
- Fruit can be messy
- Susceptible to ice storms
- Short trunk with spreading crown
- Fruit eaten by small mammals and birds
- Leaves, wood are poisonous



White Oak

Quercus alba

Height: 50-80'

Spread: 50-80'

Sun: Full sun to part sun

Site conditions: Moist to dry sites

Notes:

- Drought tolerant
- Slow growing
- Pyramid shape when young, with a more rounded crown as it matures
- Fall color ranges from brown to red
- Host plant for a number of butterflies and moths
- Acorns eaten by a variety of wildlife including squirrels, Blue Jays, deer, and Bobwhite



Scarlet Oak

Quercus coccinea

Height: 50-70'

Spread: 40-50'

Sun: full sun

Site conditions: dry to moist, well-drained

Notes:

- Prefers dry, acidic, sandy sites
- Showy, red fall foliage
- Rounded, open crown
- Fast growing
- Acorns provide food for a variety of wildlife



Bur Oak

Quercus macrocarpa

Height: 70-80'

Spread: 70-80'

Sun: full sun

Site conditions: dry to moist, well-drained

Notes:

- Prefers dry, alkaline (basic) sites
- Very thick bark and very thick nut hull, adapted for prairie fires
- Acorns attract many animals
- Can be affected by diseases and pests



Pin Oak

Quercus palustris

Height: 70'

Spread: 50'

Sun: full sun

Site conditions: moist, acidic soils

Notes:

- Tolerates poor drainage
- Russet/red fall color
- Grows quickly
- Pyramid-shaped crown, with upper branches angling up and lower branches angling down
- Named for many short “pin-like” branches



Northern Red Oak

Quercus rubra

Height: 60-75'

Spread: 60-75'

Sun: Full sun to part shade

Site conditions: moist, well-drained soil

Notes:

- Acorns produced every 3 years on average
- Best in sandy/loam soil
- Broad, symmetrical, low crowns



Shumard Oak

Quercus shumardii

Height: 60-80'

Spread: 60-80'

Sun: Full sun to part shade

Site conditions: moist, well-drained soil

Notes:

- Fast-growing
- Shade tree
- Very similar to northern red oak
- Acorns large, may be messy
- Acorns attract much wildlife



Black Oak

Quercus velutina

Height: 50-60'

Spread: 50-60'

Sun: Full sun

Site conditions: Moist to dry, well-drained soils

Notes:

- Named for dark bark on mature trees
- Fall color is yellow-brown to red-brown
- Member of red oak group
- Acorns produced every two to three years
- Drought tolerant
- Food source for wildlife



Small Trees & Shrubs



Allegheny Serviceberry

Amelanchier laevis

Height: 15-30'

Spread: 15-30'

Sun: Full sun to part shade

Site conditions: moist to well-drained sites

Notes:

- Also called Juneberry, for the dark purple fruit produced in June
- Usually multi-trunked understory tree
- Often found at the edge of woods
- White flowers in spring before leaves
- Red-orange fall foliage
- Birds feed on berries
- Not tolerant of salt or drought
- Tolerant of black walnut toxicity



Black chokeberry

Aronia melanocarpa

Height: 3-6'

Spread: 3-6'

Sun: Full sun to part shade

Site conditions: Tolerates a range of soils, including wet conditions

Notes:

- Best fruit and flower production in full sun
- Spreads by root suckers
- White flowers in spring
- Blue-black berries in fall
- Purple-red fall foliage



Buttonbush

Cephalanthus occidentalis

Height: 6-12'

Spread: 4-8'

Sun: full sun to part shade

Site conditions: moist to wet (including standing water)

Notes:

- Small, fragrant white flowers in round clusters in summer
- Flowers attractive to pollinators
- Round fruits add winter interest
- Waterfowl eat seeds
- Does not tolerate dry conditions
- Can form thickets
- Good wildlife cover



Redbud

Cercis canadensis

Height: 20-30'

Spread: 15-25'

Sun: full sun to part shade

Site conditions: moist, well-drained

Notes:

- Shade tolerant
- Doesn't do well in poorly drained soils
- Multi-trunked
- Understory tree
- Rounded crown
- Pink flowers in early spring
- Pollinators feed on flowers
- Short trunk



Pagoda Dogwood

Cornus alternifolia

Height: 15-25'

Spread: 20-32'

Sun: full sun to part shade

Site conditions: moist to well-drained

Notes:

- Also called Alternate Dogwood
- Shade tolerant
- Small, multi-stemmed tree
- Small, fragrant, cream-colored flowers
- Blue-black fruit in late summer
- Reddish-purple fall foliage
- Horizontal branches give it unique "layered" appearance
- Wildlife eat fruit



Red Osier Dogwood

Cornus sericea

Height: 5-8'

Spread: 5-8'

Sun: full sun to part shade

Site conditions: wet or moist, well-drained soil

Notes:

- Stems dark red in winter
- Rounded shape, forms thicket
- Important for bird food and shelter



Hazelnut

Corylus americana

Height: 10-16'

Spread: 8-13'

Sun: Full sun to part shade, shade-tolerant

Site conditions: moist to well-drained

Notes:

- Also called American Filbert
- Rounded, multi-stemmed shrub
- Edible nuts in summer
- Wildlife eat nuts
- Can form thickets (tends to sucker from roots)
- Need two trees for pollination
- Fall color varies from yellow to red



American Witchhazel

Hamamelis virginiana

Height: 15-20'

Spread: 15-20'

Sun: full sun to part shade

Site conditions: moist to well-drained

Notes:

- Shade tolerant
- Tolerates heavy clay soils
- Produces root suckers to form colonies
- Fragrant, yellow flowers in late fall
- Yellow foliage in fall
- Often multi-trunked
- Irregular, open crown
- Seeds eaten by wildlife



Wild Hydrangea

Hydrangea arborescens

Height: 3-5'

Spread: 3-5'

Sun: partial sun to full shade

Site conditions: moist soils

Notes:

- Full, rounded form
- Susceptible to over-browsing by deer
- Nest site for Indigo Bunting
- Sensitive to drought



Winterberry

Ilex verticillata

Height: 3-12'

Spread: 3-12'

Sun: full sun to part shade

Site conditions: acidic moist to wet soil

Notes:

- Separate male and female plants (dioecious)
- Type of holly, but drops leaves in the fall
- Female plants produce showy, red berries which persist through winter
- Suckers to form colonies



Spicebush

Lindera benzoin

Height: 6-12'

Spread: 6-12'

Sun: full sun to part shade

Site conditions: moist to well-drained

Notes:

- Shade tolerant
- Small, fragrant green flowers in spring
- Need male and female plants to produce fruit
- Flowers of female plants develop red fruit
- Yellow foliage in fall
- Leaves have fragrant, spicy aroma when crushed



Common Ninebark

Physocarpus opulifolius

Height: 5-10'

Spread: 5-10'

Sun: Full sun to part sun

Site conditions: Moist to dry soils

Notes:

- Named for layers of reddish-brown peeling bark
- White flowers in spring attract a variety of pollinators
- Flower buds and young fruit are pink
- Yellow fall foliage
- Fast growing
- Can be cut back for a shorter shrub



American Plum

Prunus americana

Height: 15-25'

Spread: 15-25'

Sun: full sun to part shade

Site conditions: moist to dry

Notes:

- Shade tolerant
- Small tree/large shrub
- Produces root suckers
- Can form thickets
- White flowers in early spring
- Edible plums produced in early summer
- All parts of tree except for plums are toxic
- Can have thorns
- Provide good wildlife habitat
- Wildlife eat fruit



Common Chokecherry

Prunus virginiana

Height: 15-25'

Spread: 15-25'

Sun: full sun to part shade

Site conditions: moist to dry, alkaline soil

Notes:

- Flower and fruit attracts birds and butterflies
- Moderate growth rate
- Susceptible to diseases, insects
- Can form thickets



Fragrant Sumac

Rhus aromatica

Height: 5 – 12'

Spread: 6 - 10'

Sun: full sun to part shade

Site conditions: Dry sites

Notes:

- Named for aromatic foliage
- Glossy leaves with showy fall color
- Fast-growing
- Suckers, forming thickets
- Female plants produce small, yellow flowers in spring, followed by red berries
- Male plants have catkins throughout winter
- Berries provide winter food for wildlife
- Host plant for Spring Azure and Red-Banded Hairstreak butterflies



Staghorn Sumac

Rhus typhina

Height: 25'

Spread: 30'

Sun: full sun to part shade

Site conditions: moist to dry

Notes:

- Named for fuzzy branches resembling antlers in velvet
- Tolerant of a variety of soils with good drainage
- Forms thickets through root suckering
- Large, red, showy fruit clusters
- Excellent red/burgundy fall color
- Host plant for Red-Banded Hairstreak and Spring Azure butterflies



Pasture Rose

Rosa carolina

Height: 1-2'

Spread: 1'

Sun: full sun

Site conditions: well-drained soils



Notes:

- Very few branches but can grow in thick clusters
- Has thorns
- Variable characteristics, dependent upon environment
- Utilized by many small mammals for habitat
- Provides food for birds and deer



Pussy Willow

Salix discolor

Height: 6-15'

Spread: 4-12'

Sun: full sun to part shade

Site conditions: moist to wet

Notes:

- Shrub that can form thickets due to root suckering
- Intolerant of dry soils
- Separate male and female trees
- Males have showier catkins in late winter
- Catkins said to resemble cat's paw
- Can be regularly cut back for smaller shrub
- Fast-growing
- Provides food source for wildlife in late winter



Elderberry

Sambucus canadensis

Height: 5-12'

Spread: 5-12'

Sun: Full sun to part shade

Site conditions: moist to wet soils

Notes:

- Spreads by root suckers to form colonies
- Also known as American Elder
- Large white flowers in summer, followed by black fruit
- Fruit often used in jellies, pie and wine
- Fruit attractive to wildlife

