

CANOPY TREES

Common Name Native Type Hardiness OH Lines Comments

Arborvitae, American Y C T D Possible substitute for less desirable Leyland Cypress
Arborvitae, Green Giant N C T D Very fast growing. Good substitute for Leyland Cypress
Ash, Green Y C/S T/M N Plant seedless variety if in parking lot setting
Bald Cypress Y C T/M N Deciduous tree with evergreen appearance
Beech, American Y C D N Invasive roots, prefers shade, slow growing
Blackgum/Black Tupelo Y C/S T/M N Slow to medium growth rate. Prefers moist, well-drained soils
Cedar, Deodar N C T N Prefers full sun
Cedar, Red Y C T D Underused tree. Prefers full sun but very tolerant, slow growing
Cryptomeria N C T D Good substitute for less desirable Leyland Cypress
Dawn Redwood N C T N Deciduous conifer for large areas with well-drained slightly acid soils
Elm (Allee, Bosque) N C/S T N Good street tree and can be used near sidewalks
Gingko N C/S T N Plant male variety only. Slow growing but very hardy
Goldenraintree N C/S T D Small canopy tree, dry weather tolerant
Hemlock, Carolina Y C M N Can be sensitive to urban conditions
Holly, American Y C T N Prefers some shade and needs good drainage
Honeylocust Y C/S T N Plant seedless variety if in parking lot, dry weather tolerant
Hornbeam, American Y C D N Plant in a low or shady area - does not tolerate compacted soil, slow growing
Magnolia, Southern Y C T N Needs ample space and can be messy
Maple, Red Y C/S T/M N Invasive roots, very hardy tree, fast growing
Maple, Sugar Y C/S T N Invasive roots, hardy tree, slow growing
Oak, Nuttall Y C/S T N Good for poorly drained site, prefers full sun
Oak, Overcup Y C/S T/M N Slow growing, can tolerate poorly drained soils
Oak, Red Y C/S T N Needs ample space, fast growing
Oak, Shingle Y C/S T N Prefers full sun, dry weather tolerant
Oak, Shumard Y C/S T N Roots do not tolerate disturbance, drought tolerant, fast growing
Oak, White Y C/S T/M N Needs ample space, slow growing
Oak, Willow Y C/S T/M N Performs best in well-drained slightly acidic soil
River Birch Y C T/M N Can be messy, overused
Sourwood Y C T N Prefers acidic soil with lots of organic matter
Spruce D C D N Numerous varieties
Sweet Gum Y C/S T/M N Plant seedless variety if in parking lot setting/invasive roots
Sycamore Y C/S T/M N Can be messy. Needs space, fast growing
Tulip Poplar Y C/S T/M N Needs ample space
Yellowwood Y C T N Can be messy, not common in nurseries
Zelcova N C/S T N Vase shaped form is good for providing visibility underneath

UNDERSTORY TREES

Common Name Native Type Hardiness OH Lines Comments

Blackhaw, Southern Y U/F T Y Good substitute for dogwood
Blackhaw, Viburnum Y U/F T Y Very tolerant, more cold weather hardy than Southern Blackhaw
Buckeye, Red Y U/F T/M Y Needs moist, well-drained soil, slightly acid in full sun or partial shade
Cherry, Ornamental N U/F T Y Numerous varieties
Crape Myrtle N U/F T Y Overused and can be damaged by extreme cold weather
Devilwood Y U/E T Y Excellent but underused screen tree, shade tolerant
Dogwood, Flowering Y U/F T Y Anthracnose can be a problem, prefers some shade
Dogwood, Kousa N U/F T Y Resistant to Anthracnose
Fringe Tree Y U/F T Y Grows well in full sun to moderate shade
Hawthorn, Winter King Y U/F T Y Dry weather tolerant, should be more used
Holly, Foster N U/E T Y Good for narrow spaces, fast growing
Holly, Nellie R. Stevens N U/E T Y Hardy, good screen tree, fast growing
Magnolia, Little Gem Y U/E T Y Slow growing, flowering evergreen
Magnolia, Saucer N U/F T Y Best in sunny setting
Magnolia, Star N U/F T Y Slow growing

Magnolia, Sweetbay Y U/E T/M Y Flowering evergreen tree that prefers moist, acid soils
 Maple, Amur N U/F T Y Hardy, cold weather tolerant tree
 Maple, Japanese N U/F T Y Slow growing, best as specimen tree
 Redbud Y U/F T Y Very tolerant though overused
 Serviceberry Y U/F T/M Y Prefers moist, well-drained, acid soil
 Silverbell, Carolina Y U/F M Y Needs shade, not drought tolerant
 Witch Hazel Y U/F M Y Needs shade, not drought tolerant

SHRUBS (only includes selected large shrubs that could be used to fulfill the "large shrub" requirements of ordinance)

Common Name Native Type Hardiness OH Lines Comments

Alder, Common Y F/S M Y Not common in nurseries
 Azalea D E/S M Y Numerous varieties, some varieties are not large shrubs
 Bladdernut Y F/S M Y Unique looking blooms
 Blueberry, Highbush Y F/S T/M Y Generally prefers full sun
 Buckeye, Bottlebrush Y F/S T/M Y Tolerates some drought, slow-moderate growth
 Chokeberry Y F/S T Y Nice colors throughout seasons
 Dogwood, Goldstem Y F/S T Y Prefers sunny areas
 Dogwood, Red Osier Y F/S T/M Y Red twigs add visual interest, fast growing
 Dogwood, Silky Y F/S M Y Good for erosion control and wildlife
 Filbert, American Y F/S T Y Good for butterflies and birds
 Holly, Burford N E/S T Y Overused in the past
 Holly, Inkberry Y E/S T/M Y Prefer full sun with ample moisture
 Hydrangea, Oakleaf Y F/S T/M Y Good plant but overused
 Hydrangea, Wild Y F/S M Y Prefers some shade
 Indigo Bush Y F/S T/M Y Prefers full sun
 Laurel, Mountain Y E/S M Y Prefers light shade, moist acid soils
 Loropetalum N E/S T Y Very hardy, sensitive to extreme cold
 Mockorange, Common Y F/S T/M Y Prefers rich soil in full sun to light shade
 Ninebark Y F/S T Y Good for birds, very adaptable
 Possumhaw Y S T/M Y A deciduous holly
 Rhododendron Y E/S M Y Numerous varieties
 Spicebush Y F/S T/M Y Good for butterflies and bees
 Sumac, Fragrant Y F/S T/M Y Good for streambanks
 Sweet Pepperbush Y F/S T Y Good for butterflies and bees
 Sweetshrub Y F/S T/M Y Excellent native shrub
 Sweetspire, Virginia Y F/S T/M Y Very attractive and fragrant
 Viburnum, Arrowwood Y F/S T/M Y Good for moist areas and wildlife
 Viburnum, Leatherleaf N E/S T Y Excellent hardy evergreen shrub
 Viburnum, Mapleleaf Y F/S T Y Prefers moist soil, moderate acid, and light shade
 Viburnum, Witherod Y F/S T Y Can tolerate dry soil
 Wax-myrtle, Southern Y E/S T Y Rapid growing, hardy
 Winterberry Y S T/M Y Slow growing, good for wet soils

KEY: Y - Yes

N - No

C - Canopy tree

U - Understory tree

S - Shrub

C/S - Canopy tree that can count as a "shade" tree per the landscaping requirements

U/F - Understory Flowering tree

U/E - Understory Evergreen tree (could also be flowering)

F/S - Flowering shrub

E/S - Evergreen shrub (could also be flowering)

OH - Generally compatible with overhead lines if other conditions warrant

D - Depends

T - Tolerant of a wide range of conditions

M - Generally prefers moist conditions

GENERAL NOTES:

- 1) The plant material is listed in very general and simplistic terms. Many of the species have numerous varieties that may also be permitted
- 2) Small shrubs, grasses, and ground cover are not listed but, as conditions warrant, native varieties should always be the first preference
- 3) Whether shown above or not, any plant that is native to East Tennessee and is appropriate for the application envisioned may be permitted
- 4) Non-native plant material that is not listed above may be permitted in selected applications where site conditions or a design element warrant
- 5) The use of any invasive exotic plant material is in all cases prohibited
- 6) The use of any plant material listed on the "Not Recommended Tree List" (provided it is non-invasive exotic) must be specifically approved by the VRRB