

TREE LISTS FOR PRIVATE & PUBLIC PROPERTIES

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In accordance with Section 907.02 Lists of Undesirable and Desirable Trees, approved by the Waterville Tree Commission on March 13, 2025.

Public Properties as referenced herein include City-owned properties and tree lawns. A tree lawn is the green space between the sidewalk and curb, or as otherwise identified by the City of Waterville. Planting and maintenance within the tree lawn and other municipal property is the responsibility of the City. Tree species within Public Properties are designated by the Waterville Tree Commission and in accordance with the City of Waterville's Master Planting Design as amended from time to time.

The success of any tree depends upon the planting site and installation, as well as the tree selection. Match the tree to the site. Plant the largest growing tree that the site will support. Trees that are large when mature provide more economic, health, and environmental benefits than smaller trees.

In selecting a tree, first consider the size at maturity rather than size at planting. Choose a tree that fits its intended use: i.e., shade, background, screen, winter appeal, ornamental flowers, foliage, color, and bark. Consider the growing conditions necessary for the successful growth of the tree, such as the type of soil, drainage conditions, hardiness zone, sun, water availability, and space at maturity.

Tree Planting and Care Resources:

- Arbor Day Foundation: www.arborday.org
- Buying High Quality Trees, Tree Selection and New Tree Planting; International Society of Arboriculture - Consumer Guides: www.treesaregood.org
- Ohio State University (OSU) Plant Facts: https://plantfacts.osu.edu/wiki/index.php?title=Main_Page
- Ohio Division of Forestry: www.ohiodnr.gov/forestry Select Discover & Learn
- Manual of Woody Landscape Plants and Dirr's Hardy Trees and Shrubs, Michael Dirr
- Landscape & Garden Plant Evaluations; OSU Ext Bulletins: <https://ohioline.osu.edu/findafactsheet>
- US Department of Agriculture Natural Resource Conservation Service Plants Database: <https://plants.usda.gov/>

For specific information about trees for your planting site, contact your county OSU Extension Educator.

Tree List One

DESIRABLE FOR PRIVATE AND PUBLIC PROPERTIES

The following tree species are desirable for most Northwest Ohio residential sites and Public Properties. A diverse planting of trees in a community fosters a healthy urban forest.

SMALL AND ORNAMENTAL TREES (15' - 30' tall) require a minimum of 4' x 6' growing space; should be at least 15' from nearest tree.

Buckeye, Red - *Aesculus pavia*

Carolina Silverbell - *Halesia carolina*

Cherry

Autumn Flowering - *Prunus subhirtella* 'Autumnalis Rosea'

Canada Red Select – *Prunus virginiana* 'Shubert Select'

Paperbark – *Prunus serrulate*

Crabapple

Adirondack – *Malus* 'Adirondack'

Bob White Flowering - *Malus* 'Bob White'

Candy mint Flowering - *Malus* 'Candy mint'

Golden Raindrops ® Flowering – *Malus transitoria* 'Golden Raindrops'

Prairie fire - *Malus ioensis* 'Prairie fire'

Sugar Tyme ® - *Malus sutyza* 'Sutyza'

Red Jewel ® - *Malus jewelcole* 'Jewelcole'

Dogwood

Cornelian cherry - *Cornus mas*

Kousa – *Cornus kousa*

Pagoda – *Cornus alternifolia*

White Flowering – *Cornus florida*

Fringetree - *Chionanthus virginicus*

Hawthorn

Thornless Cockspur – *Crataegus crusgalli* v. *inermis*

Ohio Pioneer Dotted – *Crataegus punctata* 'Ohio Pioneer'

Winter King – *Crataegus viridis* 'Winter King'

Hornbeam

Japanese - *Carpinus japonica*

American - *Carpinus caroliniana*

Juniper, Spartan - *Juniperus chinensis* 'Spartan'

Lilac, Tree

Ivory Silk - *Syringa reticulata* 'Ivory Silk'
Pekin - *Syringa pekinensis*

Magnolia

Saucer – *Magnolia x soulangiana*
Star – *Magnolia stellata*
Sweetbay – *Magnolia virginiana*

Maple

Amur - *Acer ginnala*
Paperbark - *Acer griseum*
Hedge - *Acer campestre*
Tartarian - *Acer tataricum*
Three Flower - *Acer triflorum*
Trident Maple – *Acer buergerianum*
Shantung Pacific Sunset - *Acer truncatum x platanoides*

Parrotia, Persian (aka Persian Ironwood) - *Parrotia persica*

Pawpaw* - *Asimina Triloba*

Pine

Bosnian – *Pinus heldrichii leucoderma*
Japanese White - *Pinus parviflora*
Vanderwolf's Pyramid - *Pinus flexilis* 'Vanderwolf's Pyramid'

Redbud - *Cercis canadensis*

Serviceberry

Allegheny - *Amelanchier laevis*
Majestic - *Amelanchier laevis* 'Majestic'
Robinhill - *Amelanchier x grandiflora* 'Robinhill'
Autumn Brilliance - *Amelanchier x grandiflora* 'Autumn Brilliance'

Seven-Son Flower - *Heptacodium miconioides*

MEDIUM TREES (30'- 45' tall) require a minimum of 6' x 8' growing space; should be at least 25' from the nearest tree.

Arborvitae, Western - *Thuja plicata* 'Aatrovirens'

Beech, Tricolor – *Fagus* 'Roseomarginata'

Black Gum - *Nyssa sylvatica*

Cedar, Weeping Nootka Falsecypress - *Chamaecyparis nootkatensis* 'Pendula'

Cork

Eye Stopper - *Phellodendron lavellei* 'Longnecker'
His Majesty - *Phellodendron sachalinense* 'His Majesty'

Fir, White - *Abies concolor*

Goldenraintree - *Koelreuteria paniculata*

Hardy Rubber Tree - *Eucommia ulmoides*

Hemlock, Canadian aka Eastern Hemlock - *Tsuga canadensis*

Honeylocust - *Gleditsia triacanthos* 'Imperial'

Hophornbeam, American aka Ironwood - *Ostrya virginica*

Hornbeam

European - *Carpinus betulus*

European Columnar - *Carpinus betulus* 'Fastigiata'

Horsechestnut, Briotti - *Aesculus x carnea* 'Briotti'

Magnolia, Galaxy - *Magnolia x 'Galaxy'*

Oak

Cork - *Quercus suber*

Sawtooth - *Quercus Acutissima*

Osage-orange* White Shield - *Maclura pomifera* 'White Shield'

Pine, Lacebark - *Pinus bungeana*

Sassafras, Common - *Sassafras albidum*

Stewartia, Japanese - *Stewartia pseudocamellia*

Yellowwood - *Cladrastis kentukea*

LARGE SHADE TREE SELECTIONS (45' tall or more) require a minimum of 8' x 10' growing space; should be at least 40' from the nearest tree.

Baldcypress - *Taxodium distichum*

Beech

American - *Fagus grandifolia*

European, Purple - *Fagus sylvatica* 'Purpurea'

Spaeth - *Fagus sylvatica* 'Spaethiana'

Birch

Heritage® River - *Betula nigra* 'Cully'

Whitespire - *Betula populifolia* 'Whitespire Sr.'

Catalpa - *Catalpa speciosa*

Dawn Redwood - *Metasequoia glyptostroboides*

Elm

Accolade - *Ulmus japonica x wilsoniana* 'Accolade'

Dynasty Lacebark - *Ulmus parvifolia* 'Dynasty'

Filbert, Turkish - *Corylus colurna*

Ginkgo (male only) - *Ginkgo biloba*

Hackberry - *Celtis occidentalis*

Hickory* -

Bitternut - *Carya cordiformis*

Pignut - *Carya glabra*

Shagbark - *Carya ovata*

Honeylocust

Shademaster - *Gleditsia triacanthos* 'Shademaster'

Skyline - *Gleditsia triacanthos* 'Skyline'

Katsura - *Cercidiphyllum japonicum*

Kentucky Coffeetree

Kentucky Coffeetree - *Gymnocladus dioica*

Espresso™ (seedless) - *Gymnocladus dioica* 'Espresso'

Larch, American {aka Tamarack} - *Larix laricina*

Linden

American - *Tilia americana*

Glenleven - *Tilia cordata* 'Glenleven'

Greenspire - *Tilia cordata* 'Greenspire'

Silver - *Tilia tomentosa*

Magnolia aka Cucumbertree - *Magnolia acuminata*

Maple

Autumn Blaze Freeman - *Acer x freemanii* 'Jeffersred'

Celebration Freeman - *Acer x freemanii* 'Celebration'

Red - *Acer rubrum*

Sugar - *Acer saccharum*

Sugar Commemoration - *Acer saccharum* 'Commemoration'

Oak

Bur* - *Quercus macrocarpa*

Chestnut - *Quercus montana*

Chinkapin - *Quercus muhlenbergii*

Pin - *Quercus palustris*

Red - *Quercus rubra*

Shingle - *Quercus imbricaria*

Shumard - *Quercus shumardii*

Swamp White - *Quercus bicolor*

White - *Quercus alba*

Willow - *Quercus phellos*

Pine, Eastern White - *Pinus strobus*

Planetree, London - *Platanus x acerifolia*

Spruce

Colorado Blue - *Picea pungens* 'Glaucous'

Norway - *Picea abies*

Serbian - *Picea omorika*

Sweetgum

Moraine - *Liquidambar styraciflua* 'Moraine'

Happidaze (seedless) - *Liquidambar styraciflua* 'Happdell'

Rotundiloba (seedless) - *Liquidambar styraciflua* 'Rotundiloba'

Sycamore, American - *Plantanus occidentalis*

Tulip Poplar/Tuliptree - *Liriodendron tulipifera*

Walnut, Black */ ** - *Juglans nigra*

Zelkova

Village Green - *Zelkova serrata* 'Village Green'

Green Vase - *Zelkova serrata* 'Green Vase'

* Larger seeds/fruit, but great for wildlife

**Will prohibit various undergrowth

Tree List Two

UNDESIRABLE FOR PRIVATE OR PUBLIC PROPERTIES

The following tree cultivars are either NOT recommended for planting in the City of Waterville due to their invasive nature and damage to our ecosystem and natural resources, OR require special consideration due to unique characteristics that may affect a resident's quality of life.

For specific information about any of the trees for your planting site, contact the Public Works Department or Tree Commission at 419.878.8108 or 8100.

Ash - <i>Fraxinus</i>	Susceptible to Emerald Ash Borer
Birch – <i>Betula</i> species (except <i>Betula nigra</i> (River Birch) and <i>Betula populifolia</i> 'Whitespire', which are resistant to bronze birch borers)	Susceptible to Bronze Birch Borer
Elm American - <i>Ulmus americana</i> Red / Slippery - <i>Ulmus rubra</i>	Dutch Elm Disease Short-lived, costly maintenance, susceptible to weather damage in maturity
Siberian Elm (aka Chinese Elm) - <i>Ulmus pumila</i>	Invasive* - undesirable under any circumstances
Ginko - <i>Ginkgo biloba</i> , Female only	Noxious fruit
Locust - <i>Robinia</i> species	Undesirable for the home landscape
Maple, Norway - <i>Acer platanoides</i>	Undesirable for the home landscape
Boxelder - <i>Acer negundo</i>	Weak wood, short-lived
Mulberry, White - <i>Morus alba</i>	Invasive* - undesirable under any circumstances
Olive, Russian - <i>Elaeagnus angustifolia</i>	Invasive* - undesirable under any circumstances
Pears, Ornamental - <i>Pyrus calleryana</i>	Invasive* - undesirable under any circumstances
Tree of Heaven - <i>Ailanthus altissima</i>	Invasive* - undesirable under any circumstances

*Invasive per Ohio Administrative Code Chapters 901:5-30-01 | Invasive Plants