

TREE LISTS FOR PRIVATE & PUBLIC PROPERTIES OTHER THAN STREETS (WATERVILLE TREE COMMISSION LIST 1A AND 1B)

- **RECOMMENDED FOR PRIVATE & PUBLIC PROPERTIES (LIST 1A) – PAGES 1-4**
 - **NOT RECOMMENDED FOR PRIVATE PROPERTIES: INVASIVE, UNDESIRABLE OR REQUIRING SPECIAL CONSIDERATION (LIST 1B) – PAGE 5**
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In accordance with Section 907.02 Lists of Undesirable and Desirable Trees; approved by Waterville Tree Commission May 8, 2014

The following tree cultivars are recommended for most Northwest Ohio residential sites and parks. A diverse planting of trees in a community provides protection from insect/disease/weather problems. A wide variety also allows citizens to enjoy many different kinds of trees, school children to collect leaves and seeds for projects, and schools and Scouts to teach tree species.

Please remember that the success of any tree planting depends upon the individual planting site and planting technique, as well as the tree. Match the tree to the site (see pg. 4). One additional hint: plant the largest growing tree that the space will support. Trees that are large when mature provide more economic, health, and environmental benefits than small-growing trees. *If you have room for a large-growing tree, plant a large-growing tree.*

This list was largely compiled from “Tree Cultivar Recommendations” and “Park Tree Recommendations” by Stephanie Miller, Regional Urban Forester, ODNR, Division of Forestry, Findlay OH, with additions approved by the Waterville Tree Commission.

For specific information about any of the trees for your particular planting site, please contact either your county OSU Extension Educator, a member of the Ohio Nursery and Landscape Association, or the Waterville Public Works Department or Tree Commission at 419.878.8108 or 8100. Remember to get permission from your tree commission or municipal forester before planting in treelawns (right-of-way areas between sidewalk & street) or any municipal property. Selection of public tree species will be designated in conjunction with the Tree Commission and according to the City of Waterville’s Master Street Tree Plan.

To ensure you receive the exact tree you want with the characteristics you desire, please order trees from the nursery using the scientific/Latin name indicated in the right column.

SMALL AND ORNAMENTAL TREES (15'-30' tall)

Require a minimum 4'x6' growing space; should be at least 15' from nearest tree

Common Name	Latin Name
Cherry, Autumn Flowering	<i>Prunus autumnalis</i>
Carolina Silverbell	<i>Halesia carolina</i>
Crabapple (see also Ohio State Univ.’s list)	<i>Malus</i>
Adirondack	‘Adirondack’
Bob White Flowering	‘Bob White’
Candy mint Flowering	‘Candy mint’
Golden Raindrops ® Flowering	‘Golden Raindrops’
Prairifire	‘Prairifire’
Sugar Tyme ®	‘Suty zam’
Red Jewel ®	‘Jewel cole’
Dogwood	<i>Cornus</i>
Kousa	<i>kousa</i>
Cornelian cherry	<i>mas</i>

TREES RECOMMENDED FOR PRIVATE & PUBLIC PROPERTIES OTHER
 THAN STREETS
 (WATERVILLE TREE COMMISSION LIST 1 A)

Fringetree	<i>Chionanthus virginicus</i>
Hawthorn	<i>Crataegus</i>
Thornless Cockspur	<i>crusgalli v. inermis</i>
Vaugh	<i>x Vaughn</i>
Ohio Pioneer Dotted	<i>punctata</i> 'Ohio Pioneer'
Winter King	<i>viridis</i> 'Winter King'
Hornbeam	<i>Carpinus</i>
European	<i>betulus</i>
European Columnar	<i>betulus</i> 'Fastigiata'
Japanese	<i>japonica</i>
American	<i>caroliniana</i>
Juniper, Spartan	<i>Juniperus chinensis</i> 'Spartan'
Maple	<i>Acer</i>
Amur	<i>ginnala</i>
Paperbark	<i>griseum</i>
Hedge	<i>campestre</i>
Tartarian	<i>tataricum</i>
Three Flower	<i>triflorum</i>
Shantung Pacific Sunset	<i>truncatum x platanoides</i> 'Warrenred'
Redbud	<i>Cercis canadensis</i>
Red Buckeye	<i>Aesculus pavia</i>
Magnolia	<i>Magnolia</i>
Saucer	<i>x soulangiana</i>
Star	<i>stellate</i>
Persian Parrotia/Persian Ironwood	<i>Parrotia persica</i>
Pine, Bosnian	<i>Pinus heldrichii leucoderma</i>
Pine, Japanese White	<i>Pinus parviflora</i>
Serviceberry	<i>Amelanchier</i>
Allegheny	<i>laevis</i>
Majestic	<i>laevis</i> 'Majestic'
Robinhill	<i>x grandiflora</i> 'Robinhill'
Autumn Brilliance	<i>x grandiflora</i> 'Autumn Brilliance'
Tree Lilac	<i>Syringa</i>
Ivory Silk	<i>reticulate</i> 'Ivory Silk'
Pekin	<i>pekinensis</i> & cultivars

MEDIUM TREES (30'-45' tall)

Require a minimum 6'x8' growing space; should be at least 25' from nearest tree

Alaskan Weeping Cedar/Nootka Falsecypress	<i>Chamaecyparis nootkatensis</i> 'Pendula'
American Hophornbeam/Ironwood	<i>Ostrya virginica</i>
Blackgum	<i>Nyssa sylvatica</i>
Fir, White	<i>Abies concolor</i>
Goldenraintree	<i>Koelreuteria paniculata</i>
Hemlock, Canadian (Eastern)	<i>Tsuga canadensis</i>
Honeylocust, Imperial	<i>Gleditsia triacanthos</i> 'Imperial'
Horsechestnut, Ruby Red*	<i>Aesculus x carnea</i> 'Briotti'

TREES RECOMMENDED FOR PRIVATE & PUBLIC PROPERTIES OTHER
 THAN STREETS
 (WATERVILLE TREE COMMISSION LIST 1 A)

Linden, Littleleaf	<i>Tilia</i>
Glenleven	<i>cordata</i> 'Glenleven'
Greenspire	<i>cordata</i> 'Greenspire'
Pine, Lacebark	<i>Pinus bungeana</i>
Pine, Vanderwolf's Pyramid	<i>Pinus flexilis</i> 'Vanderwolf's Pyramid'
Pine, White	<i>Pinus strobus</i>
River Birch, Heritage ®	<i>Betula nigra</i> Heritage ®
Sassafras, Common	<i>Sassafras albidum</i> (can colonize in beds)
Stewartia, Japanese	<i>Stewartia pseudocamellia</i>
Yellowwood	<i>Cladrastis kentukea</i>

LARGE SHADE TREE SELECTIONS (45' tall or more)

Require a minimum 8'x10' growing space; should be at least 40' from nearest tree

Arborvitae, Western	<i>Thuja plicata atrovirens</i>
Baldcypress	<i>Taxodium distichum</i>
Beech	<i>Fagus</i>
European	<i>sylvatica</i>
Purple/Copper	<i>sylvatica</i> 'Purpurea'
Spaeth	<i>sylvatica</i> 'Spaethiana'
Catalpa	<i>Catalpa speciosa</i>
Cucumbertree Magnolia	<i>Magnolia acuminata</i>
Dawn Redwood	<i>Metasequoia glyptostroboides</i>
Elm	<i>Ulmus</i>
Accolade	var 'Accolade'
Lacebark	<i>parvifolia</i>
Filbert, Turkish	<i>Corylus colurna</i>
Gingko (male only)	<i>Gingko biloba</i>
Hackberry	<i>Celtis occidentalis</i>
Hickory*	<i>Carya</i>
Bitternut	<i>cordiformis</i>
Mockernut	<i>tomentosa</i>
Shagbark	<i>ovate</i>
Pignut	<i>glabra</i>
Honeylocust	<i>Gleditsia</i>
Shademaster	<i>triacanthos</i> 'Shademaster'
Skyline	<i>triacanthos</i> 'Skyline'
Katsura	<i>Cercidiphyllum japonicum</i>
Kentucky Coffeetree	<i>Gymnocladus dioica</i>
Larch	<i>Larix laricina</i>
Linden, Silver	<i>Tilia tomentosa</i>
London Planetree	<i>Platanus x acerifolia</i>
Maple	<i>Acer</i>
Autumn Blaze Freeman Maple	<i>x freemanii</i> 'Jeffersred'
Celebration Freeman Maple	<i>x freemanii</i> 'Celebration'
Red	<i>rubrum</i>
Sugar	<i>saccharum</i>
Sugar Commemoration	<i>saccharum</i> 'Commemoration'

Oak	<i>Quercus</i>
Burr*	<i>macrocarpa</i>
Pin	<i>palustris</i>
Red	<i>rubra</i>
Shumard	<i>shumardii</i>
Swamp White	<i>bicolor</i>
Willow	<i>phellos</i>
Osage-orange*	<i>Maclura ponifera</i>
Spruce, Colorado Blue	<i>Picea pungens glauca</i>
Spruce, Norway	<i>Picea abies</i>
Spruce, Serbian	<i>Picea omorika</i>
Sweetgum, Moraine	<i>Liquidambar styraciflua</i> 'Moraine'
Sycamore, American	<i>Plantanus occidentalis</i>
Tulip Poplar/Tuliptree	<i>Liriodendron tulipifera</i>
Walnut, Black*	<i>Juglans nigra</i>
Zelkova	<i>Zelkova serrate</i>
Village Green	Village Green
Green Vase	'Green Vase'

*larger seeds/fruit, but great for wildlife

Match the Tree to the Site

In selecting a tree, first consider the size at maturity rather than planting size: large, medium or small. Consider both width and height. Then pick a tree that fits the intended use; i.e., shade, background, screen, winter shape, ornamental (flowers, foliage, fall color, great bark). Now determine if the tree will fit the environment in which it is being planted. Learn what growing conditions your tree choice prefers and match your growing conditions to the tree: type of soil, drainage conditions, hardiness zone, sun, water availability, space, human activities. Plant the largest growing tree that the space will support. Large mature trees provide more economic, health, and environmental benefits than smaller trees. It may take some looking to find your chosen tree, as no one nursery carries all types. Check around. It's ok to plant small and let the tree grow. Studies have shown that a 5' to 6' tree planted and cared for properly will catch up to a 10' to 12' tree within 5 years.

Recommended Minimum Tree Placement Guidelines

- ❖ 10 feet from fire hydrants and streetlights
- ❖ 8 feet from curb cuts and street signs
- ❖ 4 feet from underground utility lines
- ❖ 35 feet from the corner curb of street intersections

Tree Planting and Care Resources

Buying High Quality Trees, Tree Selection and New Tree Planting; International Society of Arboriculture: Consumer Guides www.treesaregood.org

Care of Newly Planted Trees; University of Nebraska; <http://www.ianr.unl.edu/pubs/forestry/g1195.htm>

OSU Plant Facts (great pictures) <http://plantfacts.osu.edu/>

Ohio Division of Forestry, www.ohiodnr.com/forestry

Landscape Plants for Eastern North America, Harrison Flint

Manual of Woody Landscape Plants and **Dirr's Hardy Trees and Shrubs,** Michael Dirr

Landscape & Garden Plant Evaluations; OSU Ext Bulletin 874-00; <http://ohioline.osu.edu/b874/index.ht>

TREES NOT RECOMMENDED FOR PRIVATE PROPERTIES: INVASIVE,
UNDESIRABLE OR REQUIRING SPECIAL CONSIDERATION (LIST 1B) PG. 5 OF 5
(FOR UNDESIRABLE PUBLIC TREES, SEE LIST 2B)

In accordance with Section 907.02 Lists of Undesirable and Desirable Trees; approved by Waterville Tree Commission April 10, 2014

The following trees 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 particular planting site, please contact the Public Works Department or Tree Commission at 419.878.8108 or 8100.

Acer platanoides, **Norway Maple** – **INVASIVE**; not recommended for planting under any circumstances

Acer negundo, **Boxelder** – weak wood, boxelder bugs, short-lived

Ailanthus altissima, **Tree of Heaven** – **INVASIVE**; not recommended for planting under any circumstances

Betula species, **Birch**, except *Betula nigra*, River Birch, single-stem – bronze birch borer

Fraxinus species, **Ash/Green, White, Blue, etc.** – Emerald Ash Borer

Ginkgo biloba, **Female Ginkgo only** – very smelly fruit; delicacy in Asian cultures

Morus species, **Mulberry** – fruit litter, short-lived

Pyrus calleryana, **Ornamental Pears** – **INVASIVE**; not recommended for planting under any circumstances

Robinia species, **Locust** – **INVASIVE**; not recommended for planting under any circumstances

Ulmus americana & *Ulmus rubra*, **American & Red/Slippery Elm** – Dutch Elm Disease

Ulmus pumila, **Siberian Elm** (sometimes falsely called Chinese Elm) – short-lived, costly maintenance, susceptible to weather damage in maturity