

# URBAN TREE LISTS - FOR VARIOUS FACTORS OR CHARACTERISTICS

*Note: These lists are not necessarily complete.  
Some species may have characteristics making them undesirable for particular settings.*

<b>Reaction to Typical Air Pollutants</b>	
Reasonably Tolerant	Fairly Sensitive
White Cedar (Arborvitae) Boxelder (poor choice anyway) Douglas-fir English Oak Magnolia Norway Maple Red Oak White Dogwood White Spruce	American Elm Catalpa Jack Pine Lombardy Poplar Ponderosa Pine Quaking Aspen Virginia Pine White Pine Willows

<b>Reaction to Street Salts</b>	
Reasonably Tolerant	Fairly Sensitive
Austrian Pine Eastern Red-cedar White Spruce Yews Bigtooth Aspen Quaking Aspen Birches Black Cherry Black Locust White Oak Red Oak Russian Olive White Ash	White Pine Red Pine Ponderosa Pine Douglas-fir Hemlock Basswood/Linden Ironwood Sugar Maple Red Maple Shagbark Hickory Tag Alder

<b>Often Viewed as GOOD Species Choices for Street Trees</b> Some species have many cultivars or horticultural varieties		
Pin Oak (oak wilt!) English Oak Red Oak (oak wilt!) White Oak Mountain Ash Basswood Littleleaf Linden Several Varieties of Cherry	Norway Maple Sycamore Maple Red Maple Sugar Maple Muscledwood Redbud Flowering Dogwood Some Species of Hawthorne European Beech	White Ash Green Ash Gingko (males only) Honeylocust Sweetgum Magnolia Some Species of Crabapple Sycamore

### Sometimes Viewed as BAD Species Choices for Street Trees

<p><b>Boxelder:</b> weak wood, many bugs</p> <p><b>Silver Maple:</b> weak wood, poor structure, heaves sidewalk, seeks water systems, messy roots</p> <p><b>Ohio Buckeye:</b> weak wood, messy fruit, easily heat scorched</p> <p><b>Black Walnut:</b> messy fruit</p> <p><b>Tree of Heaven:</b> weak wood, many bugs, but can tolerant a lot of stresses</p> <p><b>Paper Birch:</b> bug prone, short-lived, limited soils</p> <p><b>Catalpa:</b> weak wood, long beans</p> <p><b>Horsechestnut:</b> weak wood, messy fruit, intolerant of dry soils, nice flowers though</p> <p><b>Crabapples:</b> varieties not resistant to fire blight should be avoided</p>	<p><b>Black Locust:</b> bug prone, short-lived, nice flowers</p> <p><b>Willows:</b> weak wood, lots of sticks, seeks water systems, short-lived, fast grower</p> <p><b>American Elm:</b> loss to Dutch elm disease</p> <p><b>Siberian Elm:</b> messy twigs, weak wood</p> <p><b>Lombardy Poplar:</b> short-lived, messy twigs, disease prone, roots mess up lawns</p> <p><b>Osage-Orange:</b> poor form, messy fruit</p> <p><b>Mulberry:</b> messy fruit, otherwise nice</p> <p><b>European White Poplar:</b> weak wood, root suckers everywhere</p> <p><b>Cottonwood:</b> weak wood, heavy twig drop, many pests, seeks water systems</p>
--	--

### Resistance to Storm Damage

<p><b>Least Resistant</b></p> <p>Boxelder Hickory Red Maple Tulip Poplar Basswood Dogwood Silver Maple Cherry Red-cedar</p>	<p>Red Pine White Pine Ashes Sycamore Sugar Maple Magnolia Beech White Oak Red Oak</p> <p><b>Most Resistant</b></p>
<p><i>Proper tree care can increase tree resistance to breakage and damage.</i></p>	

## Species Resistant to Drought

Boxelder	<i>Acer negundo</i>
Norway Maple	<i>Acer platanoides</i>
Red Maple	<i>Acer rubrum</i>
Sugar Maple	<i>Acer saccharum</i>
Tree-of-Heaven	<i>Ailanthus altissima</i>
Black Birch	<i>Betula nigra</i>
Shagbark Hickory	<i>Carya ovata</i>
Pignut Hickory	<i>Carya glabra</i>
Mockernut Hickory	<i>Carya tomentosa</i>
Northern Catalpa	<i>Catalpa speciosa</i>
Hackberry	<i>Celtis occidentalis</i>
Redbud	<i>Cercis canadensis</i>
Hawthorne	<i>Craetagus spp.</i>
Green Ash	<i>Fraxinus pennsylvanica</i>
Gingko	<i>Gingko biloba</i>
Honeylocust	<i>Gleditsia triacanthos</i>
Kentucky Coffee Tree	<i>Gymnocladus dioica</i>
Holly	<i>Ilex spp.</i>
Black Walnut	<i>Juglans nigra</i>
Juniper	<i>Juniperus spp.</i>
Mulberry	<i>Morus rubra</i>
Ironwood	<i>Ostrya virginiana</i>
Jack Pine	<i>Pinus banksiana</i>
Red Pine	<i>Pinus resinosa</i>
White Pine	<i>Pinus strobus</i>
Sycamore	<i>Platanus occidentalis</i>
Cottonwood	<i>Populus deltoides</i>
Northern Red Oak	<i>Quercus rubra</i>
Pin Oak	<i>Quercus ellipsoidales</i>
White Oak	<i>Quercus alba</i>
Bur Oak	<i>Quercus macrocarpa</i>
Black Oak	<i>Quercus velutina</i>
Black Locust	<i>Robinia pseudoacacia</i>
Black Willow	<i>Salix nigra</i>
Sassafras	<i>Sassafras albidum</i>
American Elm	<i>Ulmus americana</i>

*Note: This list is not necessarily complete.*