

CITY OF GRAND HAVEN RECOMMENDED TREE LIST

Species		Street Tree	Landscape	Native	Growth Rate	Drought Tolerance	Salt Tolerance	Risk Potential	Construction Tolerance
Tilia Americana	American Basswood	Yes	Yes	Yes	Medium	Yes	Sensitive	Medium	Poor - tolerant of root loss - intolerant of fill/disturbed soils
Tilia cordata	Greenspire Linden ⁵	Yes	Yes	Yes	Medium	No	Sensitive	Medium	Undocumented
Fagus grandifolia	American Beech	No	Yes	Yes	Slow	Yes	Undocumented	Medium	Poor - intolerant of root loss, fill soil - poor response to injury
Castanea dentata	American Chestnut	No	Yes	Yes	Medium	Undocumented	Undocumented	Undocumented	Undocumented
Ulmas Americana (hybrids)	American Elm (hybrids)	Yes	Yes	Yes	Rapid	Yes	Tolerant	Medium	Good - tolerant of root loss and site fill
Juglans nigra	Black Walnut ¹	No	Yes	Yes	Medium	Undocumented	Undocumented	Medium/Low	Poor - intolerant of root loss, mechanical injury, poor compartmentalization
Acer nigrum	Black Maple²	Yes	Yes	Yes	Medium	Undocumented	Moderate	Medium	Moderate/Good - tolerant of root loss
Acer rubrum	Red Maple²	Yes	Yes	Yes	Medium	Yes	Sensitive	Medium	Moderate/Good - tolerant of root loss
Acer saccharum	Sugar Maple²	Yes	Yes	Yes	Medium	Undocumented	Sensitive	Low/Medium	Moderate - tolerant of intermediate root loss
Quercus velutina	Black Oak ⁴	Yes	Yes	Yes	Medium	Undocumented	Tolerant	Low	Moderate - intolerant of root loss
Quercus macrocarpa	Bur Oak ⁴	Yes	Yes	Yes	Medium	Yes	Tolerant	Low/Medium	Good - tolerant of root loss and compacted soils
Quercus muehlenbergii	Chinkapin Oak ⁴	Yes	Yes	Yes	Medium	Yes	Tolerant	Low	Good - tolerant of site disturbance
Quercus rubra	Northern Red Oak ⁴	Yes	Yes	Yes	Medium	Undocumented	Tolerant	Low	Moderate - tolerant of intermediate root loss
Quercus alba	White Oak ⁴	Yes	Yes	Yes	Medium	Yes	Sensitive	Low	Moderate - tolerant of root loss
Quercus bicolor	Swamp White Oak ⁴	Yes	Yes	Yes	Medium	Yes	Moderate	Undocumented	Undocumented
Cercis canadensis	Rebud ⁵	Yes	Yes	Yes	Slow	Undocumented	Tolerant	Low	Moderate
Platanus occidentalis	Sycamore ³	Yes	Yes	Yes	Medium	Undocumented	Sensitive	Low	Moderate - intermediate tolerance to construction damage
Platanus x acerifolia	Bloodgood London Planetree	Yes	Yes	No	Medium	Yes	Tolerant	Undocumented	Undocumented
Tsuga canadensis	Eastern Hemlock ⁶	No	Yes	Yes	Slow	Undocumented	Sensitive	Low	Poor - intolerant of fill
Pinus resinosa	Red Pine	No	Yes	Yes	Medium	Yes	Sensitive	Medium	Moderate/Good - tolerant of root loss
Pinus strobus	White Pine	No	Yes	Yes	Medium	Undocumented	Very Sensitive	Medium	Moderate/Good - tolerant of root loss
Larix laricina	Tamarack	No	Yes	Yes	Medium	Undocumented	Tolerant	Low	Moderate - tolerant of root loss
Picea glauca	White Spruce	No	Yes	Yes	Medium	Yes	Sensitive	Low	Moderate - tolerant of root loss
Celtis occidentalis	Hackberry	Yes	Yes	Yes	Rapid	Yes	Sensitive	Low	Good - tolerant of root loss
Ginko biloba	Ginko (male)	Yes	Yes	No	Slow	Yes	Moderate	Undocumented	Good - tolerant of root pruning
Zelkova serrata	Japanese Zelkova ⁵	Yes	Yes	No	Medium	Yes	Tolerant	Medium/Low	Moderate
Syringa reticulata	Japanese Tree Lilac ⁵	Yes	Yes	No	Medium	Undocumented	Tolerant	Undocumented	Good - tolerant of root pruning and root loss
Carpinus caroliniana	American Hornbeam ⁵	Yes	Yes	Yes	Medium	Moderate	Sensitive	Undocumented	Undocumented
Gleditsia triacanthos form inermis	Thornless Honeylocust ⁵	Yes	Yes	Yes	Rapid	Yes	Tolerant	Undocumented	Undocumented
Nyssa sylvatica	Black Tupelo	Yes	Yes	Yes	Medium	Intermittent	Tolerant	Undocumented	Undocumented
Gymnocladus dioicus	Kentucky Coffeetree	Yes	Yes	Yes	Medium	Yes	Tolerant	Undocumented	Undocumented
Liriodendron tulipifera	Tuliptree	Yes	Yes	Yes	Medium	No	Sensitive	Undocumented	Undocumented
Amelanchier canadensis	Serviceberry ⁵	Yes	Yes	Yes	Medium	Yes	Tolerant	Undocumented	Undocumented
Cornus florida	Flowering Dogwood ⁵	Yes	Yes	Yes	Medium	No	Sensitive	Undocumented	Undocumented
Betula nigra	River Birch	Yes	Yes	Yes	Medium	No	Sensitive	Undocumented	Undocumented
Juniperus virginiana	Eastern Redcedar	Yes	Yes	Yes	Slow	Yes	Tolerant	Undocumented	Undocumented
Metasequoia glyptostroboides	Dawn Redwood	No	Yes	No	Rapid	Moderate	Sensitive	Undocumented	Undocumented
Sorbus thuringiaca	Oak-Leaf Mountain Ash ⁵	Yes	Yes	Yes	Medium	Undocumented	Moderate	Undocumented	Undocumented
Sassafras albidum	Sassafras	Yes	Yes	Yes	Medium	Moderate	Moderate	Undocumented	Undocumented

¹ Roots produce allelopathic compounds, and tree produces nuisance fruit.

² Current Maple populations high, therefore **no maples should be planted on City of Grand Haven property at this time.**

³ Sycamore Anthracnose can be a major problem.

⁴ Susceptible to Oak Wilt Disease.

⁵ Small tree, so is more suitable for planting beneath most overhead powerlines.

⁶ Susceptible to the Hemlock Woolly Adelgid.