

ZONING

195 Attachment 1

Village of Holmen

**Figure 195.87A
Common Shade Tree Species (75 points)**

Botanical Name	Common Name	Growth Rate	Form	Adaptation and Remarks
Shade Trees (75 Points)				
* <i>Acer saccharum</i> RF	Sugar Maple	S	Round	Rich soil; salt-sensitive; oval when young; yellow, orange or scarlet fall color.
“Green Mountain”				Scorch-resistant; leathery leaves.
* <i>Carya ovata</i> RF	Shagbark Hickory			Native and very adaptable, salt-sensitive, fruit-nut, lawn tree.
Ginkgo bilboa	Ginkgo	S	Pyramidal	Very urban, dioecious, females produce smelly fruits, golden yellow fall color.
“Fastigiata”	Sentry Ginkgo		Columnar	Seedless.
<i>Juglans nigra</i> RF	Walnut	F		Best in public open spaces or lawns; not to be used as a street tree; poisonous to other plants within the drip zone; susceptible to caterpillars and leaf-spot disease.
	Eastern Walnut Black Walnut			
* <i>Quercus alba</i> RF	White Oak	S	Round	Extremely sensitive to soil compaction; tolerant of urban conditions; dry soil; subject to iron chlorosis; red fall color; very difficult to transplant; excellent lawn or shade tree.
* <i>Quercus bicolor</i> RF	Swamp White Oak	S	Round	Very tolerant of urban conditions; moist to wet, intolerant of alkaline soil; tolerates poor drainage; difficult to transplant; yellow fall color.
* <i>Quercus macrocarpa</i> RF	Bur Oak Mossycup Oak	S	Round	Sensitive to soil compaction; tolerant of urban conditions; dry to wet soil; no fall color; very difficult to transplant.
* <i>Quercus palustris</i>	Pin Oak	M	Pyramidal	Sensitive to soil compaction; tolerant of urban conditions; moist, acid soil; pendulous lower branches; red fall color; iron chlorosis on alkaline soil; lawn tree; cultivar “Sovereign” best for streets.
* <i>Quercus rubra</i> RF (<i>Quercus borealis</i>)	Northern Red Oak Red Oak	M	Round	Sensitive to soil compaction; tolerant of urban conditions; pyramidal when young; red fall color; well-drained soil; fast-growing for oaks; excellent lawn, shade, and street tree.
KEY: *Wisconsin native S=Slow M=Medium F=Fast				