

City of Grand Ledge  
Approved Tree Species List



Common Name	Botanical Name	MI Native	Mature Height (ft)	Crown Spread (ft)	Form/Growth Habitat	T=Tolerant		M=Moderate Tolerance			Notes
						Drought Tolerant	Wet Site Tolerant	Salt Tolerant	Shade Tolerant	pH Tolerant	
<b>Small Trees (mature height less than 30') - Suitable for sites with overhead utilities</b>											
Tradition Downey serviceberry	Amelanchier arborea 'Trazam'	X	30	20	Oval-upright		T		M	≤ 7.5	Poor heat tolerance, salt sensitive
Autumn Brilliance serviceberry	Amelanchier x grandiflora 'Autumn Brilliance'		20	15	Rounded	M		M		≤ 7.5	Salt sensitive, tree form
White fringetree	Chionanthus virginicus	X	20	15	Oval-rounded	M	T				Select single stem/tree form
Chinese fringetree	Chionanthus retusus		20	20							Select single stem/tree form
Cornelian cherry dogwood	Cornus mas		25	20				M	T	≤ 8.2	Select single stem/tree form, Golden Glory
American smoketree	Cortinus obovatus	X	30	20	Rounded	T	M			≤ 8.2	Select single stem/tree form, difficult to transplant
Amur maackia	Maackia amurensis		30	25	Vase-rounded	T				≤ 8.2	
Accolade cherry	Prunus sargentii x subhirtella 'Accolade'		20	15	Spreading			M		≤ 7.5	
Ivory Silk Japanese tree lilac	Syringa reticulata 'Ivory Silk'		20	15	Oval		M	M	M	≤ 8.2	
Summer Sprite linden	Tilia cordata 'Halka'		20	15							
<b>Medium Trees (mature height less than 25 - 40')</b>											
Red horsechestnut	Aesculus x carnea		40	40	Broad-pyramidal	M		M		≤ 8.2	Cultivars: Fort McNair, Briotti
Heritage birch	Betula nigra 'Cully'		40	35	Broad-pyramidal	T	T		M	≤ 7.0	Select single stem/tree form
European hornbeam	Carpinus betulus		40	25	Pyramidal	T			T	≤ 8.2	Select single stem/tree form
American hornbeam	Carpinus caroliniana		30	25	Rounded		T		T	≤ 7.5	Select single stem/tree form, difficult to transplant
Turkish filbert (Hazel)	Corylus colurna		40	25	Broad-pyramidal	T				≤ 8.2	
White Shield osage orange	Maclura pomifera 'White Shield'		35	35							
Black gum	Nyssa sylvatica	X	40	25	Pyramidal		T	T	T	≤ 7.5	
American hophornbeam	Ostrya virginiana	X	40	25	Upright Oval	M					
Persian Parrotia	Parrotia persica		40	35	Round-vase	T			M	≤ 8.2	
Sargent cherry	Prunus sargentii		30	30	Rounded	T		M		≤ 7.5	Cultivars: JFS-KW58
Sawtooth oak	Quercus acutissima		40	40	Rounded	T		M		≤ 7.5	Dutch Elm disease - highly resistant
Emerald Sunshine elm	Ulmus propinqua 'JFS Bieberich'		35	25	Upright Vase						

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<b>Large Trees (mature height greater than 40')</b>											
<i>Acer saccharum</i>	Sugar maple	X	75	70	Oval-round		M				
<i>Acer rubrum</i>	Red maple	X									
<i>Celtis laevigata x occidentalis</i> 'Magnifica'	Magnifica hackberry	X	50	40	Oval-vase	T		T	M	≤ 7.5	
<i>Celtis occidentalis</i>	Hackberry	X	60	40	Irregularly-round		T		M	≤ 8.2	
<i>Eucommia ulmoides</i>	Hardy rubber tree		45	45	Rounded	T				≤ 8.2	Cultivars: KSU1 ("Prairie Sentinel® hackberry")
<i>Gymnocladus dioicus</i>	Kentucky coffeetree		45	35	Oval	T		T		≤ 8.2	Cultivars: 'Espresso', 'J.C. McDaniel' (Prairie Titan®) and 'Stately Manor'
<i>Juniperus virginiana</i>	Eastern redcedar	X	50	20	Columnar-pyramidal	T		T			Male cultivars - 'Burkii'
<i>Liquidambar styraciflua</i>	sweetgum		70	45	Pyramidal	M	T	M		≤ 7.5	Cultivars: Rotundiloba, Ward, Fruitless (not cold hardy) or 'Moraine' (most cold hardy)
<i>Metasequoia glyptostroboides</i>	Dawn redwood		90	25	Pyramidal	T	T			≤ 8.2	
<i>Platanus x acerfolia</i>	London planetree		65	50	Rounded	T	T	T		≤ 8.2	Cultivars: Bloodgood, Columbia, Morton Circle
<i>Quercus alba</i>	White oak	X									Notes: pH soils 5.5-6.5
<i>Quercus bicolor</i>	Swamp white oak	X	60	40	Rounded		T	T		≤ 7.5	
<i>Quercus palustris</i>	Pin oak						T			≤ 7.0	
<i>Quercus macrocarpa</i>	Bur oak	X	70	55	Rounded	T				≤ 8.2	
<i>Quercus muehlenbergii</i>	Chinkapin Oak	X	60	60	Spreading-round	T		M		≤ 8.2	
<i>Quercus robur</i>	English oak		50	40	Rounded	T		T	T		
<i>Quercus rubra</i>	Northern red oak	X	75	60	Broad-pyramidal	T		T		≤ 7.5	
<i>Quercus shumardii</i>	Shumard oak		60	40	Rounded	T	T	T		≤ 8.2	
<i>Quercus x macdanielii</i>	Heritage oak		50	40				T			Cultivars: Clemons

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<i>Taxodium disticum</i>	Baldcypress		80	35	Columnar-pyramidal	T	T	M		≤ 7.5	Notes: Requires early pruning if used as a street tree. Cultivars: Mickleson, 'Monarch of Illinois'
<i>Tilia americana x euclora</i> 'Redmond'	Redmond linden		65	25	Upright	M			T		
<i>Tilia cordata</i> 'Greenspire'	Greenspire linden		45	35	Narrow-oval					≤ 8.2	Cultivars: Halka
<i>Tilia tomentosa</i> 'Green Mountain'	Green Mountain silver linden		45	35	Broad-pyramidal					≤ 8.2	
<i>Tilia tomentosa</i> 'Sterling'	Sterling silver linden		45	35	Broad-pyramidal					≤ 8.2	
<i>Tilia x flavescens</i> 'Glenleven'	Glenleven linden		50	30	Pyramidal					≤ 8.2	
<i>Ulmus hybrids</i>	Hybrid elm		50	35	Oval		T	M		≤ 8.2	Cultivars: Frontier, Homestead, or Pioneer hybrids (Frontier difficult to transplant bareroot), Resistant to Dutch Elm Disease
<i>Zelkova serrata</i> 'Green Vase'	Japanese zelkova		50	40	Vase	T	T	M	T	≤ 8.2	Cultivars: Green Vase, Halka