



City of Grand Rapids
Approved Tree Species List

Botanical Name	Common Name	MI Native	Mature Height (ft)	Crown Spread (ft)	Form / Growth Habit	Drought Tolerant	Wet Site Tolerant	Salt Tolerant	Shade Tolerant	pH Tolerance	Notes / Cultivars
Small Trees (mature height < 30') - Suitable for sites with overhead utilities											
<i>Amelanchier arborea</i> 'Trazam'	Tradition Downy serviceberry	X	30	20	Oval-upright		T		M	≤ 7.5	Poor heat tolerance, salt sensitive
<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Autumn Brilliance® Serviceberry		20	15	Rounded	M			M	≤ 7.5	Salt sensitive, Tree Form
<i>Cercis canadensis</i>	Eastern redbud	X	25	30	Flat-topped	M	M	M	T	≤ 8.2	Select tree form (cold hardy seed source). Appalachian Red, Northern or Minnesota Strain
<i>Chionanthus virginicus</i>	White fringetree	X	20	15	Oval-round	M	T				Select single stem/tree form
<i>Chionanthus retusus</i>	Chinese fringetree		20	20							Select single stem/tree form
<i>Cornus mas</i>	Cornelian cherry dogwood		25	20	Rounded			M	T	≤ 8.2	Select single stem/tree form, Golden Glory
<i>Cotinus obovatus</i>	American smoketree	X	30	20	Rounded		T	M		≤ 8.2	Select single stem/tree form, difficult to transplant
<i>Crataegus crus-galli</i> 'Inermis'	Thornless Cockspur hawthorn	X	15	20	Round-spreading	T		M		≤ 8.2	Crusader - disease resistant
<i>Maackia amurensis</i>	Amur maackia		30	25	Vase-round	T				≤ 8.2	
<i>Malus</i>	crabapple		18	18	Upright	T	T	M		≤ 8.2	Cultivars: Prairiefire, Sugar Tyme, Adirondack
<i>Prunus sargentii</i> x <i>subhirtella</i> 'Accolade'	Accolade cherry		20	15	Spreading			M		≤ 7.5	
<i>Pyrus calleryana</i> 'Aristocrat'	Aristocrat Callery pear*		35	25	Broad-Pyramidal					≤ 8.2	
<i>Syringa reticulata</i> 'Ivory Silk'	Ivory Silk Japanese tree lilac		20	15	Oval		M	M	M	≤ 8.2	
<i>Syringa reticulata</i> 'Regent'	Regent tree lilac		20	12	Oval		M	M	M	≤ 8.2	
<i>Tilia cordata</i> 'Halka'	Summer Sprite® linden		20	15							
<i>Zelkova serrata</i> 'Schmidtlow'	Wireless® zelkova		24	36							
Medium Trees (mature height 25 - 40')											
<i>Aesculus x carnea</i>	Red horsechestnut		40	40	Broad-pyramidal	M		M		≤ 8.2	Cultivars: Fort McNair, Briotti
<i>Betula nigra</i> 'Cully'	Heritage® birch		40	35	Broad-Pyramidal	T	T		M	≤ 7.0	Select single stem/tree form
<i>Cercidiphyllum japonicum</i>	Katsuratree		40	60	Broad-Pyramidal			M		≤ 8.2	Susceptible to breakage, extensive surface roots, Wet Site and Shade Tolerant, Tree Does Best In Lawn Pits
<i>Carpinus betulus</i>	European hornbeam		40	25	Pyramidal	T			T	≤ 8.2	Select single stem/tree form
<i>Carpinus caroliniana</i>	American hornbeam	X	30	25	Rounded		T	T		≤ 7.5	Select single stem/tree form, difficult to transplant
<i>Corylus colurna</i>	Turkish filbert (Hazel)		40	35	Broad-Pyramidal	T				≤ 8.2	
<i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Impcole'	Imperial honeylocust*		35	35	Rounded		T	M		≤ 8.2	
<i>Koeleruteria paniculata</i>	Goldenrain tree		40	40	Round-vase	T		M		≤ 8.2	
<i>Maclura pomifera</i> 'White Shield'	White Shield osage orange		35	35							
<i>Nyssa sylvatica</i>	Black gum	X	40	25	Pyramidal		T	T	T	≤ 7.5	
<i>Ostrya virginiana</i>	American hophornbeam	X	40	25	Upright Oval	M					
<i>Parrotia persica</i>	Persian Parrotia		40	35	Round-vase	T			M	≤ 8.2	
<i>Prunus sargentii</i>	Sargent cherry		30	30	Rounded	T		M		≤ 7.5	Cultivars: JFS-KW58
<i>Quercus acutissima</i>	Sawtooth oak		40	40	Rounded	T		M		≤ 7.5	
<i>Ulmus propinqua</i> 'JFS Bieberich'	Emerald Sunshine elm		35	25	Upright Vase						
Large Trees (mature height > 40')											
<i>Acer saccharum</i>	Sugar maple*	X	75	70	Oval-round		M				
<i>Acer rubrum</i>	Red maple*	X									
<i>Celtis laevigata</i> x <i>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	T	M	≤ 8.2	
<i>Eucommia ulmoides</i>	Hardy rubber tree		45	45	Rounded	T				≤ 8.2	Cultivars: KSU1 ("Prairie Sentinel" hackberry)
<i>Ginkgo biloba</i>	Ginkgo		45	35	Upright	T	M			≤ 8.2	Cultivars: Autumn Gold, Princeton Sentry, The President, Maygar
<i>Gleditsia triacanthos</i>	Skyline honeylocust*		45	35	Broad-pyramidal	T	T	T		≤ 8.2	Cultivars: Christie, Street Keeper, Skycole
<i>Gymnocladus dioica</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>Liriodendron tulipifera</i>	Yellow poplar (Tulip tree)	X	70	40	Pyramidal					≤ 8.2	
<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 imbricaria</i>	Shingle oak		50	40	Broad-oval	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
<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</i>	American basswood	X	65	30	Pyramidal			T		≤ 8.2	Cultivars: Redmond, DTR 123
<i>Tilia americana</i> x <i>euchlora</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 americana</i>	American elm	X	80	40	Vase	T	T	T		≤ 8.2	Cultivars: Jefferson, New Harmony, Valley Forge, Princeton Or Cultivars Depending on Availability
<i>Ulmus hybrids</i>	Hybrid elm		50	35	Oval	T	T	M		≤ 8.2	Cultivars: Frontier, Homestead, or Pioneer hybrids (Frontier difficult to transplant bareroot)
<i>Ulmus parviflora</i> 'Emer II'	Emerald Vase Chinese elm		70	60	Vase	T		M		≤ 8.2	
<i>Zelkova serrata</i> 'Green Vase'	Japanese zelkova		50	40	Vase	T	T	M	T	≤ 8.2	Cultivars: Green Vase, Halka

*Only plant as replacements for removal of same species where continuation of existing plantings is preferred.

While improving urban forest diversity is the goal of this list, monocultures may be perpetuated on individual streets or blocks. Different species with like characteristics can still provide the aesthetic appeal of single species plantings if desired in certain areas.

Other tree species will be considered on a case by case basis