

Recommended Trees for Southeast Minnesota (Deciduous)

Species	Height (feet)	Width (feet)	Shape	Fall Color	Street use?	Under utility lines?	Shade Tolerance	Notable Flower	Notable Fruit	Other Notes
Alder, European black [<i>Alnus glutinosa</i>]	15+	15+	Pyramidal	Green	Yes	No	Partial	No	Yes	
Apricot, Manchurian [<i>Prunus armeniaca</i> var. <i>Mandshurica</i>]	15+	15+	Round	Yellow/Orange	Yes	Yes	No	Yes	Yes	Cultivars: 'Sungold', 'Moongold', 'Manchu'. May need winter protection from rabbits.
Birch, paper [<i>Betula papyrifera</i>]	40+	20+	Oval	Yellow	Yes	No	No	No	No	Native to all of Southeast Minnesota. Performs best where root system is cool and shaded, and free from grass competition. Attractive, exfoliating white bark.
Birch, river [<i>Betula nigra</i>]	40+	30+	Oval	Yellow	Sometimes	No	Partial	No	No	Native to the Blufflands and Twin Cities Highlands. Use single stemmed for street use. Bark is attractive, exfoliating, copper colored. Common birch is recommended. Cultivars: 'Heritage'.
Buckeye, Ohio [<i>Aesculus glabra</i>]	20+	20+	Oval	Yellow/Orange	Sometimes	Sometimes	Partial	Yes	Yes	Suitable for planting under some utility lines (primaries); deicing salt tolerant. Cultivar: 'Autumn Splendor'.
Burning Bush [<i>Euonymus alata</i>]	10+	10+	Round	Red	No	Yes	Partial	No	Yes	Salt tolerant. Red fall color develops best in full sun. Interesting corky bark. May need winter protection from rabbits.
Catalpa, northern [<i>Catalpa speciosa</i>]	40+	20+	Oval	Yellow/Brown	Sometimes	No	Partial	Yes	Yes	Intermediate salt tolerance. Due to messy fruit, a better tree for parks than most streets.
Cherry, sour [<i>Prunus cerasus</i>]	10+	10+	Round	Yellow	Yes	Yes	No	Yes	Yes	Cultivars: 'North Star', 'Meteor'. Fruit may cause problems if near pavement. All cherries may need winter protection from rabbits.
Cherry, Amur choke [<i>Prunus maackii</i>]	20+	18+	Round	Maroon	Sometimes	Yes	No	Yes	Yes	Has potential as a street tree where budgets allow for early and frequent formative pruning. Probably better as a park tree. A very attractive, red-copper, peeling bark. All cherries may need winter protection from rabbits.
Cherry, black [<i>Prunus serotina</i>]	40+	20+	Oval	Yellow/Red	Yes	No	Partial	Yes	Yes	Native to all of Southeast Minnesota. All cherries may need winter protection from rabbits.
Coffeetree, Kentucky [<i>Gymnocladus dioicus</i>]	50+	30+	Oval	Yellow	Yes	No	No	No	Yes	Native to all of Southeast Minnesota. Female trees produce pods, but male trees do not. Late to leaf out in spring.
Coffeetree, 'Espresso' [<i>Gymnocladus dioicus</i> 'Espresso']	50+	35+	Vase	Yellow	Yes	No	No	No	No	
Coffeetree, 'Stately Manor' [<i>Gymnocladus dioicus</i> 'Stately Manor']	50+	30+	Oval	Yellow	Yes	No	No	No	No	
Corktree, Amur [<i>Phellodendron amurense</i>]	30+	30+	Round	Yellow	Yes	No	No	No	Yes	
Corktree, Sakhalin [<i>Phellodendron sachalinensis</i>]	30+	25+	Round	Yellow	Yes	No	No	No	Yes	Sakhalin is more difficult to find, but a better landscape tree due to its upright habit.
Corktree, 'Macho' [<i>Phellodendron amurense</i> 'Macho']	40+	40+	Round	Yellow	Yes	Yes	No	no	no	Performs well in poor soils. Male cultivar so no fruit.
Corktree, Shademaster [<i>Phellodendron amurense</i> Shademaster]	30+	30+	Round	Yellow	Yes	Yes	No	no	no	More compact size. All the other attributes of corktree.
Corktree, 'His Majesty' [<i>Phellodendron amurense</i> 'His Majesty']	40+	35+	Round	Yellow	Yes	Yes	No	no	no	Excellent boulevard tree. More upright than 'Macho' or the species.
Crabapple [<i>Malus</i>]	10+	8+	Round	Yellow	Sometimes	Yes	No	Yes	Yes	Cultivars: 'Adams', 'Calocarpa', 'David', 'Donald Wyman', 'Dolgo', 'Harvest Gold', 'Prairiefire', 'Professor Sprenger'. Due to the many varieties of crabapples available, you can almost customize the tree to the site. Select a variety that is disease tolerant, slower growing, and non-suckering. Because of the maintenance involved with crabapples, many of the varieties are best suited for parks; these cultivars may be considered for street use, however. All crabapples may need winter protection from rabbits.
Dogwood, Pagoda [<i>Cornus alternifolia</i>]	12+	10+	Oval	Maroon	Sometimes	Yes	Yes	Yes	No	Native to all of Southeast Minnesota.
Eastern Wahoo [<i>Euonymus atropurpureus</i>]	10+	10+	Irregular	Red	No	Yes	Partial	No	Yes	Native to all of Southeast Minnesota. Fall color develops best in full sun. May need winter protection from rabbits.
Elm, 'Cathedral' [<i>Ulmus pumila</i> hybrid]	40+	40+	Vase	Yellow	Yes	No	No	No	No	
Elm, 'Accolade' [<i>Ulmus japonica</i> hybrid]	60+	40+	Vase	Yellow	Sometimes	No	No	No	No	
Elm, 'Patriot' [<i>Ulmus wilsoniana</i> hybrid]	40+	40+	Irregular	yellow	Yes	No	No	no	no	Upright grower; excellent resistance to DED; fast grower.
Elm, 'New Horizon' [<i>Ulmus pumila</i> hybrid]	40+	40+	Irregular	yellow	Yes	No	No	no	no	Excellent resistance to DED; fast grower; very cold hardy.
Elm, 'Princeton' [<i>Ulmus americana</i> 'Princeton']	60+	40	Vase	Yellow	Yes	No	No	no	no	Good resistance to DED; been around a long time; looks like an American elm.
Elm, 'Valley Forge' [<i>Ulmus americana</i> 'Valley Forge']	60+	40+	Vase	Yellow	Yes	No	No	no	no	Excellent resistance to DED; looks like an American elm.
Elm, Jacan Japanese [<i>Ulmus japonica</i> selection]	30+	25+	Vase	Yellow	Yes	No	No	No	No	These elms are Dutch Elm Disease resistant, and have a shape similar to American elm.
Ginkgo [<i>Ginkgo biloba</i>]	40+	20+	Pyramidal	Yellow	Yes	No	No	No	Yes	Female trees produce a foul-smelling fruit. Deicing salt tolerant. Cultivars: 'Autumn Gold' is a male and produces no fruit.
Hackberry [<i>Celtis occidentalis</i>]	40+	30+	Oval	Yellow	Yes	No	No	No	Yes	Native to all of Southeast Minnesota. Interesting corky bark. Does better than many other trees in alkaline soils. Sensitive to spray salt. Common hackberry is recommended over cultivars.
Hawthorn, thornless cockspur [<i>Crataegus crusgalli</i> var. <i>inermis</i>]	15+	20+	Irregular	Yellow	Yes	Yes	No	Yes	Yes	May need winter protection from rabbits.
Hawthorn, downy [<i>Crataegus mollis</i>]	20+	20+	Round	Yellow/Red	Yes	Yes	No	Yes	Yes	Native to all of Southeast Minnesota. May need winter protection from rabbits.
Hickory, shagbark [<i>Carya ovata</i>]	60+	20+	Oval	Yellow	Sometimes	No	Partial	No	Yes	Native to Oak Savannah and Blufflands.
Hickory, bitternut [<i>Carya cordiformis</i>]	50+	30+	Oval	Yellow	Sometimes	No	Partial	No	Yes	Native to all of Southeast Minnesota.
Honeylocust, thornless [<i>Gleditsia triacanthos</i> var. <i>inermis</i>]	40+	40+	Round	Yellow	Yes	No	No	No	Yes	Native to all of Southeast Minnesota. Fruit pods occur on female trees. Cultivars: 'Shademaster', 'Skyline', 'Summerface'.
Hop Tree [<i>Ptelea trifoliata</i>]	10+	10+	Round	Yellow/Brown	No	Yes	Yes	Yes	Yes	This tree does well in wet sites, as well as drained sites.
Hophornbeam (Ironwood) [<i>Ostrya virginiana</i>]	30+	25+	Pyramidal	Yellow	Yes	Sometimes	Yes	Yes	Yes	Native to all of Southeast Minnesota. Very strong-wooded and tough tree for the landscape; it needs watering during dry summers, though.
Hornbeam, American [<i>Carpinus caroliniana</i>]	15+	15+	Oval	Yellow/Orange/Maroon	Yes	Yes	Yes	No	Yes	
Ilac, Japanese tree [<i>Syringa reticulata</i>]	15+	12+	Oval	Yellow	Yes	Yes	No	Yes	Yes	Cultivars: 'Ivory Silk', 'Summersnow'. Bark has attractive lenticels. Deicing salt tolerant.
Linden, littleleaf [<i>Tilia cordata</i>]	35+	20+	Pyramidal	Yellow	Yes	No	Partial	Yes	Yes	Cultivars: 'Morden', 'Shamrock', 'Norlin'. All lindens are sensitive to deicing salt.
Linden, Crimean [<i>Tilia x euchlora</i>]	40+	20+	Oval	Yellow/Green	Yes	No	Partial	Yes	Yes	All lindens are sensitive to deicing salt.
Linden, American [<i>Tilia americana</i>]	50+	25+	Oval	Yellow	Yes	No	Partial	Yes	Yes	Native to all of Southeast Minnesota. Common linden is recommended over cultivars. All lindens are sensitive to deicing salt.
Linden, Redmond [<i>Tilia</i> hybrid]	50+	25+	Pyramidal	Yellow	Yes	No	Partial	Yes	Yes	All lindens are sensitive to deicing salt.
Maackia, Amur [<i>Maackia amurensis</i>]	20+	20+	Round	Green	Yes	Yes	Partial	Yes	Yes	Drought tolerant, and soil pH adaptable. Sensitive to deicing salt run-off.
Magnolia, cucumbertree [<i>Magnolia acuminata</i>]	40+	25+	Pyramidal	Yellow	Yes	No	Partial	No	Yes	
Maple, Amur [<i>Acer ginnala</i>] ¹	15+	15+	Irregular	Yellow/Red	Yes	Yes	Partial	Yes	Yes	Can spread. Do not plant near natural areas. Select a cultivar for better foliage, summer and autumn. May need winterprotection from rabbits.
Maple, red [<i>Acer rubrum</i>] ¹	40+	30+	Oval	Yellow/Red	Yes	No	Partial	Yes	Yes	Native to Big Woods, Anoka Sand Plain, Twin Cities Highlands, and Blufflands. Cultivars: 'Northwood', 'Olson' are worth a try. Common maple is recommended over cultivars.
Maple, freeman [<i>Acer saccharinum</i> x <i>A. rubrum</i>] ¹	45+	20+	Oval	Yellow/Red	Yes	No	No	No	No	This hybrid probably occurs naturally where silver maple and red maple grow together.
Maple, Shantung [<i>Acer truncatum</i>] ¹	25+	25+	Round	Yellow/Red/Maroon	Yes	Yes	No	No	No	
Maple, tatarian [<i>Acer tataricum</i>] ¹	20+	18+	Round	Yellow/Red/Maroon	Yes	Yes	Yes	No	Yes	May be invasive near natural areas.
Maple, sugar [<i>Acer saccharum</i>] ¹	40+	30+	Oval	Yellow/Red	Yes	No	Yes	No	Yes	Native to all of Southeast Minnesota. Common sugar maple from a nearby seed source recommended over cultivars.
Maple, 'Sienna Glen' [<i>Acer x freemanii</i> 'Sienna']	50+	30+	Oval	Red	Yes	No	Yes	no	no	Best Freeman maple for form. Excellent performance on urbanized soils/sites.
Mountain Ash, Korean [<i>Sorbus alnifolia</i>]	25+	20+	Oval	Yellow	Yes	Yes	No	Yes	Yes	<i>Sorbus</i> is tolerant of deicing salt spray.
Oak, white [<i>Quercus alba</i>]	50+	40+	Oval	Red/Brown	Yes	No	No	No	Yes	Native to all of Southeast Minnesota. More oak wilt resistant than red oaks; tolerates partial shade when young.
Oak, bur [<i>Quercus macrocarpa</i>]	50+	50+	Round	Brown	Yes	No	Partial	No	Yes	Native to all of Southeast Minnesota. More oak wilt resistant than red oaks; one of the best trees for urban sites.
Oak, bicolor [<i>Quercus bicolor</i>]	40+	30+	Oval	Yellow/Brown	Yes	No	Partial	No	Yes	Native to all of Southeast Minnesota. More oak wilt resistant than red oaks; needs an acidic-neutral soil; adapts better than other oaks to heavy/wet soils.
Oak, black [<i>Quercus velutina</i>]	50+	30+	Pyramidal	Red/Brown	Yes	No	No	No	Yes	Native to Blufflands. Susceptible to oak wilt.
Oak, red [<i>Quercus rubra</i>]	50+	40+	Pyramidal	Red	Yes	No	No	No	Yes	Native to all of Southeast Minnesota. Susceptible to oak wilt.
Oak, northern pin [<i>Quercus ellipsoidalis</i>]	40+	25+	Pyramidal	Orange/Brown	Yes	No	No	No	Yes	Native to all of Southeast Minnesota. Susceptible to oak wilt; prefers acidic soils.
Pear, Ussurian [<i>Pyrus ussuriensis</i>]	25+	25+	Round	Yellow/Orange	Yes	Sometimes	No	Yes	Yes	Fruit is not edible. Very cold hardy. Cultivar: 'Prairie Gem'.
Serviceberry, Allegheny [<i>Amelanchier laevis</i>]	15+	10+	Round	Yellow/Orange/Red	Yes	Yes	Partial	Yes	Yes	Native to all of Southeast Minnesota. Cultivars: 'Cumulus', 'Prince Charles', 'Princess Diana', 'Autumn Brilliance'. Tolerant of spray salt.
Serviceberry, downy [<i>Amelanchier arborea</i>]	20+	10+	Oval	Yellow/Orange/Red	No	Yes	Partial	Yes	Yes	Native to Blufflands.
Viburnum, nannyberry [<i>Viburnum lentago</i>]	12+	6+	Oval	Red/Maroon	Sometimes	Yes	Yes	Yes	Yes	Native to all of Southeast Minnesota.

¹ All of these maples are sensitive to deicing salt. All maples perform better in lawn or park settings, and in groups, rather than specimens in fully exposed boulevard settings. **Planting with the root collar at ground line is important to see and treat stem girdling root syndrome.**