

## Trees for Limited Use in Southeast Minnesota (Deciduous)

Species	Height (feet)	Width (feet)	Shape	Fall Color	Street use?	Under utility lines?	Shade Tolerance	Notable Flower	Notable Fruit	Other Notes
<b>Ash, green</b> [Fraxinus pennsylvanica]	40+	30+	Oval	Yellow	Yes	No	No	No	Yes	Native to all of Southeast Minnesota. Cultivars: 'Marshall's Seedless', 'Patmore', 'Summit', 'Bergeson', 'Prairie Dome'. Use is limited because it was overplanted in recent years.
<b>Aspen, quaking</b> [Populus tremuloides]	40+	20+	Pyramidal	Yellow	No	No	No	No	No	Native to all of Southeast Minnesota.
<b>Aspen, bigtooth</b> [Populus grandidentata]	50+	20+	Pyramidal	Yellow	No	No	No	No	No	Native to all of Southeast Minnesota. Of the two, bigtooth is the better aspen for urban plantings. Appropriate in parks or natural landscapes.
<b>Birch, yellow</b> [Betula alleghaniensis]	35+	20+	Pyramidal	Yellow	Sometimes	No	Partial	No	No	Native to Big Woods and Blufflands. Has a beautiful, exfoliating golden bark; requires a moist, well-drained soil, and cool temperatures.
<b>Bladdernut</b> [Staphylea trifolia]	8+	6+	Round	Yellow	Yes	Yes	Partial	Yes	Yes	Native to all of Southeast Minnesota. Requires protection from winter winds.
<b>Boxelder</b> [Acer negundo]	40+	25+	Round	Yellow/Red	No	No	Partial	No	Yes	Native to all of Southeast Minnesota. Female trees are messy (seeds), invasive, and habitat for boxelder beetles. Very hardy, site tolerant, fast-growing, but should be restricted to sites where better trees will not do well.
<b>Cherry, pin</b> [Prunus pennsylvanica]	25+	18+	Round	Yellow/Red	Sometimes	Yes	No	Yes	Yes	Native to all of Southeast Minnesota. Shrubby, fast-growing, very site tolerant, not very long-lived. May require winter protection from rabbits.
<b>Cherry, choke</b> [Prunus virginiana]	15+	10+	Oval	Maroon	Sometimes	Yes	No	Yes	Yes	Native to all of Southeast Minnesota. Tart fruit is edible. Large shrub to small tree. May require winter protection from rabbits.
<b>Cottonwood, eastern</b> [Populus deltoides]	60+	40+	Oval	Yellow	No	No	Partial	No	Yes	Native to all of Southeast Minnesota. Female trees produce "cotton." Roots are invasive; don't plant near pavement.
<b>Magnolia, star</b> [Magnolia stellata]	12+	12+	Round	Yellow	Sometimes	Yes	Partial	Yes	Yes	Needs protection from winter winds and late spring frosts. A large shrub or small tree.
<b>Maple, silver</b> [Acer saccharinum]	50+	30+	Oval	Yellow	No	No	No	No	Yes	Native to all of Southeast Minnesota. Invasive roots, don't plant near pavement. Needs frequent pruning for structure when young. Tends to break up in storms, but is very site tolerant.
<b>Maple, Norway</b> [Acer platanoides]	40+	30+	Round	Yellow/Brown	Yes	No	No	No	Yes	Limit use to tough dry sites to minimize winter hardness problems. Deicing salt tolerant. A better tree for parks and lawns than exposed street plantings. Can spread; do not plant near native areas. Cultivars: 'Cleveland', 'Crystal', 'Deborah', 'Emerald Lustre', 'Emerald Queen', 'Superform', 'Summer Shade'.
<b>Mountain-ash, showy</b> [Sorbus decora]	20+	10+	Oval	Yellow	No	Yes	No	Yes	Yes	Native to the Anoka Sand Plain and the Big Woods. Showy fruit; limited use as a landscape tree; very shrubby. Sorbus is tolerant of deicing salt spray.
<b>Mulberry, red</b> [Morus rubra]	40+	40+	Round	Yellow	No	No	Partial	No	Yes	Native to Oak Savannah, Blufflands, and the Big Woods. Good fruiting tree for attracting birds, which produce purple droppings that stain wood.
<b>Plum, American</b> [Prunus americana]	10+	10+	Round	Yellow	Sometimes	Yes	No	Yes	Yes	Native to all of Southeast Minnesota. Shrubby. Tolerates drought. Common plum is recommended over cultivars. Diseases common (primarily aesthetic, not health problems). May require winter protection from rabbits.
<b>Plum, Canada</b> [Prunus nigra]	10+	8+	Oval	Yellow	Sometimes	Yes	N	Yes	Yes	Native to Blufflands. Suckering root system; shrubby. Attractive bark in winter. Cultivar: 'Princess Kay'. May require winter protection from rabbits.
<b>Poplar, balsam</b> [Populus balsamifera]	40+	20+	Pyramidal	Yellow	No	No	No	No	No	Native to Big Woods, Blufflands, and Anoka Sand Plain.
<b>Poplar, European white</b> [Populus alba]	40+	40+	Round	Yellow	No	No	No	No	No	Invasive roots; don't plant near pavement. Don't plant cultivar 'Bolleana'.
<b>Sumac, smooth</b> [Rhus glabra]	8+	10+	Round	Red	No	Yes	No	No	Yes	Native to all of Southeast Minnesota.
<b>Sumac, staghorn</b> [Rhus typhina]	8+	10+	Round	Red	No	Yes	No	No	Yes	Native to all of Southeast Minnesota. Site tolerant; will root sucker if not maintained.
<b>Walnut, black</b> [Juglans nigra]	50+	50+	Oval	Yellow	No	No	No	No	Yes	Native to all of Southeast Minnesota. Avoid planting near gardens; walnut secretes a chemical that affects some herbaceous plants and spruce trees. Select plants grown from a nearby seed source.
<b>Willow, laurel</b> [Salix pentandra]	20+	15+	Oval	Green	No	No	No	No	No	Short-lived but site tolerant, especially poorly drained sites. Problem with foliage diseases.
<b>Willow, pussy willow</b> [Salix discolor]	15+	12+	Oval	Yellow	No	No	No	Yes	No	Native to all of Southeast Minnesota.
<b>Willow, weeping</b> [Salix alba]	50+	30+	Round	Yellow	No	No	No	No	No	Cultivars: 'Tristis'; and laurel x weeping hybrid 'Prairie Cascade'.