

## Recommended Trees for Southwest Minnesota (Conifers)

Species	Height (feet)	Width (feet)	Shape	Fall Color	Street use?	Under utility lines?	Shade Tolerance	Notable Flower	Notable Cone	Other Notes
<b>Cedar, red</b> [Juniperus virginiana]	15+	6+	Pyramidal	Green	No	Yes	No	No	Yes	Tolerates hot and dry sites; produces a cone that looks like a blue-green berry. Both "cedars" have potential as street trees when the danger of blocking traffic views is not present, such as a wide boulevard. Cultivars: 'Nova', 'Canaertii'. 'Canaerii' cultivar susceptible to rust, so do not plant near apple or hawthorn trees.
<b>Cedar, white</b> [Thuja occidentalis]	15+	6+	Pyramidal	Green	No	Yes	No	No	Yes	Cultivars: 'Techny', 'Brandon'.
<b>Douglas-Fir</b> [Pseudotsuga menziesii var. glauca]	40+	20+	Pyramidal	Green	No	No	No	No	Yes	Does best in south half of region. Has problems with winter dessication on exposed sites.
<b>Fir, white</b> [Abies concolor]	30+	20+	Pyramidal	Green/Blue	No	No	Partial	No	Yes	Good fir for the urban landscape; more tolerant of heat and drought, but not heavy soils. Tolerant of slightly alkaline soils. May be susceptible to winter dessicaion on exposed sites.
<b>Larch, American</b> [Larix laricina]	40+	20+	Pyramidal	Yellow	Sometimes <sup>1</sup>	No	No	No	Yes	
<b>Larch, European</b> [Larix decidua]	40+	20+	Pyramidal	Yellow	Sometimes <sup>1</sup>	No	No	No	Yes	
<b>Larch, Japanese</b> [Larix kaempferi]	40+	20+	Pyramidal	Yellow	Sometimes <sup>1</sup>	No	No	No	Yes	
<b>Larch, Siberian</b> [Larix sibirica]	40+	20+	Pyramidal	Yellow	Sometimes <sup>1</sup>	No	No	No	Yes	
<b>Pine, eastern white</b> [Pinus strobus]	40+	20+	Pyramidal	Green	No	No	No	No	Yes	Sensitive to air pollutants, salt, and alkaline soils.
<b>Pine, jack</b> [Pinus banksiana]	35+	25+	Irregular	Green	No	No	No	No	Yes	A novelty tree, due to its irregular growth habit; does better than many other trees in poor, sandy soils. Noative to the Minnesota River Prairie. Sensitive to salt damage.
<b>Pine, ponderosa</b> [Pinus ponderosa]	40+	25+	Pyramidal	Green	No	No	No	No	Yes	Resistant to drought, has shown alkaline soil and salt tolerance.
<b>Pine, Scots</b> [Pinus sylvestris]	30+	25+	Irregular	Green/Blue	No	No	No	No	Yes	Unique shape as it gets older; orange bark.
<b>Spruce, black</b> [Picea mariana]	30+	15+	Pyramidal	Green	No	No	Partial	No	Yes	Good for cool, wet areas in the urban landscape.
<b>Spruce, Black Hills</b> [Picea glauca var. densata]	40+	20+	Pyramidal	Green	No	No	No	No	Yes	Better heat and drought tolerance than some other spruces.
<b>Spruce, Norway</b> [Picea abies]	40+	20+	Pyramidal	Green	No	No	No	No	Yes	Noeeds wind protection; large, showy cones.
<b>Spruce, white</b> [Picea glauca]	40+	20+	Pyramidal	Green	No	No	No	No	Yes	Avoid hot, dry sites.

<sup>1</sup>- All larches may be considered for street tree use, in particular in tough sites. They do lose their needles in the autumn, making them deciduous conifers, which creates a rather coarse winter habit. Japanese larch is the least winter hardy; American larch does the best on wet sites; European larch has the most refined growth habit; Siberian larch is an excellent shelterbelt/windbreak tree.



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