



TREE DESCRIPTIONS

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CONIFERS

Eastern Red Cedar

(*Juniperus virginiana*) Medium tree. Conifer. Native. Very drought tolerant. Has reddish brown to purple winter coloration. Produces inedible blue fruit. Excellent wildlife plant. (**Size: 5/32", 10-26"**)

Fir, Douglas

(*Pseudotsuga menziesii var. glauca*) - Large tree. Native in Rocky Mountains and Western United States. Adaptable to varying soil conditions, but prefers moist well-drained soil. (Size: 6/32", 4-0 are 6-10" & 8" avg.)

Fir, Korean (*Abies koreana*)

Height 30-40' Spread 15-20' Displays beautiful soft needles which are dark green above and white beneath. Needles are curled upward to reveal whitish underside. Beautiful upright 2-3" purple cones are produced in abundance, even on small trees. Native in Korea. Prefers moist well drained soil which has a neutral to acidic pH. Grows about a foot per year when established.

Rocky Mountain Juniper

(*Juniperus scopulorum*) - Medium tree. Conifer. Native. Very drought and alkaline tolerant. Needles may have bluish tint. Produces inedible blue fruit. Excellent wildlife plant. (**Size: 5/32", 10-22"**)

Siberian Larch (POTTED ONLY)

(*Larix sibirica*) Large tree. Deciduous conifer. Introduced from Siberia, eastern Russia and northern China. Grows best on moist, well-drained soil. Fair tolerance to drought. Low shade tolerance.

Austrian Pine

(*Pinus nigra*) - Large tree. Conifer. Introduced from Europe and Asia. Slower growing than other pines. Stiff needles. (**Size: 6/32", 6-19"**)

Jack Pine (*Pinus banksiana*)

Height 35' Spread 20' Native in the Great Lakes states and Canada. Very drought and cold tolerant. Needs an acidic soil pH to avoid yellow foliage. Prefers sandy soils and languishes in poorly-drained areas. Planted Jack Pine trees are a component of the Nebraska National Forest.

Korean Pine (*Pinus koraiensis*)

Height 30-40' Very soft needles occur in groups of 5. Similar in looks to White Pine. Prefers moist, well-drained soils which are slightly acidic. Cold tolerant and very winterburn resistant. Trees are doing well in south central Minnesota.

Lodgepole Pine

(*Pinus contorta* var. *latifolia*) Large tree. Native in Rocky Mountains. Grows on a variety of well-drained soils. Drought tolerant once established. Recommended for trial by Dr. Richard Cunningham, ARS, and Mandan, ND. Needles 1-3" long. (Size: 6/32", 6-16" & 14" avg.)

Ponderosa Pine

(*Pinus ponderosa*) - Large tree. Conifer. Native. Fast growing once established. Good wildlife plant. Drought tolerant. Intolerant of wet soils. (Size: 6/32", 6-18")

Red Pine (*Pinus resinosa*)

Height 40-50' Spread 15-20' Native in Great Lakes states and into Canada. Prefers sandy soil or well-drained loam. Needs acidic soil pH. Very cold tolerant and doing well in Watertown. Similar growth rate to Ponderosa Pine on right site. State tree of Minnesota.

Scotch Pine

(*Pinus sylvestris*) - Large tree. Conifer. Introduced from Europe and Asia. Attractive peeling orange bark on older trees. Drought tolerant. Popular Christmas tree. Fast growing. Needles may temporarily turn yellow in winter. (Size: 6/32", 6-18")

Black Hills Spruce

(*Picea glauca* var. *densata*) Large tree. Conifer. Native. A geographical strain of white spruce. State tree of South Dakota. Very ornamental. Dense growth habit. Drought and alkaline tolerant. Cones attract songbirds in winter. (Size: 6/32, 6-20")

Colorado Spruce

(*Picea pungens*) - Large tree. Conifer. Native in Rocky Mountain States. Needles blue or green. Very ornamental. (Size: 6/32", 6-22")

Meyer Spruce

(*Picea meyeri*) - Introduced from northern China and Inner Mongolia (a grassland region of P.R. of China). Size and coloration similar to Colorado Spruce. More drought tolerant than Colorado Spruce. Appears to have less insect/disease trouble than Colorado Spruce. Slower grower in early years, but once established, growth rate is similar to Colorado Spruce. (Size: 6/32", 6-22")

Norway Spruce

(*Picea abies*) - Large tree. Conifer. Native to Europe. Green needles. Large cones. Ascending branches with drooping branchlets.