

F2153 (June 2024)

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North Dakota Tree Selector

General

Scientific Name: *Pseudotsuga menziesii* var. *glauca*

Family: Pinaceae (Pine)

Hardiness: Zone 3

Leaves: Evergreen

Plant Type: Tree

Growth

Rate: Medium

Mature Height: >45'

Longevity: Long

Power Line: No

Ornamental

Flowers: Inconspicuous

Fruit: Brown cones

Fall Color: n/a

Rocky Mountain Douglas-Fir

Description

A large forest tree native to the Rocky Mountains. Very important tree in the lumber industry. Merits further testing for adaptability to the Northern Plains environment. Important for Christmas tree production since it retains its needles better than true firs and spruce. The largest tree in North Dakota is 69 feet tall with a canopy spread of 24 feet.

Preferences

Light: Full sun.

Water: Medium.

Soil: Best in loamy, well drained soils. Will not tolerate ponding.

Comments

In its native habitat, one of the largest trees in the world. Scattered group plantings can be found throughout North Dakota.

Upright Douglas-fir (*Pseudotsuga menziesii* 'Fastigiata') – A narrow, erect selection. Nice specimen in McCrory Gardens, SDSU, Brookings, South Dakota.



Credits: Tree Selector Website, <http://www.missouribotanicalgarden.org/PlantFinder/PlantFinderDetails.aspx?kempercode=e890>