

F2185 (July 2024)

Joseph Zeleznik, Ph.D., Extension Forester

North Dakota Tree Selector

General

Scientific Name: *Pinus ponderosa*

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 cone

Fall Color: n/a

Ponderosa Pine

Description

A large tree native to the western U.S., including southwestern North Dakota, that is pyramidal when young, becoming irregularly oblong and open-crowned with age. Commonly planted in the northern Plains. The largest tree in North Dakota is 73 feet tall with a canopy spread of 26 feet.

Preferences

Light: Full sun not shade tolerant.

Water: Prefers average conditions but tolerates drought.

Soil: Adaptable to many soil types. Tolerates alkaline and slightly saline soils.

Comments

The state tree of Montana often grows in pure stands in the forest. Useful for mass plantings and shelterbelts.

Well-maintained trees typically don't have disease or insect issues if planted in the correct location.

A very important pine tree in the lumber industry as it furnishes more timber than any other American pine tree.

Thrives under widely different conditions and in many kinds of soils.



Credits: Selector Website, North Dakota Tree Handbook, <http://www.missouribotanicalgarden.org/PlantFinder/PlantFinderDetails.aspx?kempercode=c233>