

North Dakota Tree Selector

Scientific Name: *Pinus banksiana*

Family: Pinaceae (Pine)

Hardiness: Zone 3

Leaves: Evergreen

Plant Type: Tree

Growth

Rate: Fast

Mature Height: >45'

Longevity: Long

Power Line: No

Ornamental

Flowers: Inconspicuous

Fruit: Brown cone

Fall Color: n/a

Jack Pine

Description

A small to medium pine that quickly loses the pyramidal form characteristic of young pine and assumes an open, somewhat irregular crown. Fire often required to open cones and allow seed dispersal. Native in eastern North America, including Minnesota. The largest tree in North Dakota is 48 feet tall with a canopy spread of 40 feet.

Preferences

Light: Full sun.

Water: Requires consistent moisture for best growth, but highly drought tolerant.

Soil: Prefers sandy to loam soils. Cannot withstand high pH soils that are commonly found on the prairie.

Comments

Best grown in areas with cool summers and cold winters.

Well maintained trees typically have few problems. Not especially ornamental but is adaptable for windbreaks, shelterbelts and mass plantings. Valued for its hardiness and suitability to colder regions, as well as its drought tolerance.

Credits: Tree Selector Website, North Dakota Tree Handbook, <http://www.missouribotanicalgarden.org/PlantFinder/PlantFinderDetails.aspx?taxonid=284994>, Manual of Woody Landscape Plants 6th edition.



NDSU

www.ag.ndsu.edu/tree-selector

NDSU does not discriminate in its programs and activities on the basis of age, color, gender expression/identity, genetic information, marital status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable. Direct inquiries to Vice Provost for Title IX/ADA Coordinator, Old Main 201, NDSU Main Campus, 701-231-7708, ndsuoaaa@ndsu.edu. This publication will be made available in alternative formats for people with disabilities upon request, 701-231-7881.