

F2218 (July 2024)

Joseph Zeleznik, Ph.D., Extension Forester

North Dakota Tree Selector

General

Scientific Name: *Fraxinus americana*

Family: Oleaceae (Olive)

Hardiness: Zone 4

Leaves: Deciduous

Plant Type: Tree

Growth

Rate: Medium

Mature Height: >45'

Longevity: Long

Power Line: No

Ornamental

Flowers: Inconspicuous

Fruit: Tan samara

Fall Color: Purple

White Ash

Description

Large tree native to eastern North America as far west as northern Wisconsin and eastern Minnesota and Nebraska. Interest continues in ash species for hardy selections, pest resistance and aesthetic and structural values. Its purple fall color adds an unexpected hue to the fall foliage palette.

Preferences

Light: Full sun.

Water: Prefers moist, well drained soils.

Soil: Adaptable to a wide variety of soils except rocky or droughty.

Comments

Although this tree is generally adapted to North Dakota, it is not currently recommended due to its susceptibility to emerald ash borer (EAB). As of May 2022, EAB has not been found in North Dakota, though it is found in central Minnesota, Sioux Falls, SD, and in Winnipeg, Manitoba.

Many varieties are available including several adapted to the North Dakota and Minnesota such as Northern Blaze® and 'Autumn Blaze'.



Credits: North Dakota Tree Selector Website, Manual of Woody Landscape Plants 6th edition.