

North Dakota Tree Selector

General

Scientific Name: *Thuja occidentalis*

Family: Cupressaceae (Cyprus)

Hardiness: Zone 3

Leaves: Evergreen

Plant Type: Tree

Growth

Rate: Slow

Mature Height: 25'-45'

Longevity: Medium

Power Line: No

Ornamental

Flowers: Inconspicuous

Fruit: Small tan cones

Fall Color: n/a

American Arborvitae

Description

A small to medium upright tree with a stout, buttressed trunk, native to Minnesota. Compact dwarf cultivars are widely used in landscapes. The tree is hardy in all zones but prefers a semi-moist site. Other common names are northern whitecedar and eastern arborvitae. An uncertain combination of winter conditions may cause infrequent winter injury in the Northern United States. The largest tree in North Dakota is 45 feet tall with a canopy spread of 30 feet. Compatibility with power lines depends on the variety that is planted.

Preferences

Light: Full sun to partial shade.

Water: Grows in average, moist soils.

Soil: Neutral to alkaline soils.

Comments

American Arborvitae does not do well on windy, exposed sites and may suffer damage during ice or heavy snow storms.

Over 120 cultivated varieties are available including dwarf, blue, yellow and compact varieties.

Credits: NDSU Tree Selector Website, <http://www.missouribotanicalgarden.org/PlantFinder/PlantFinderDetails.aspx?kempercode=c246>, Monrovia



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www.ag.ndsu.edu/tree-selector

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