Northern White Cedar

Thuja occidentalis

Mature

Native Range

General Attributes

Type	Evergreen Tree
Height	30 - 60 Feet
Spread	20 - 50 Feet
Form	Conical
Utility Lines	Incompatible
Growth Rate	Medium
Life Expectancy	Long
USDA Zone	2 - 8
Root Pattern	

Plant Community

Sun	Full Sun, Partial Sun
Orientation	North, East
Soil Texture	Sandy Loam to Clay
Topography	Upland, Lowland (Stable Water), Wetland
Plant Community	Forest, Bog
Succession	Pioneer, Intermediate, Climax
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, Minnesota, North America

Flowers/Foliage/Fruits

Flower Color	Brown
Flower Season	Spring
Fruit	Cone
Fruit Color	Tan
Fruit Season	Spring, Summer, Fall, Winter
Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Green
Winter Foliage	Green

Soils

Salt Spray Tolerance	Sensitive
Soil Salt Tolerance	Tolerant
Compaction Tolerance	Tolerant
Water Table	6 Inches
Drainage	Poor, Moderate
Flood Tolerance	
Drought Tolerance	
Moisture Regime	Moist, Wet
pH	6.0 through 8.0
Windbreak Group	

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Planting Ease

Spring Bareroot	Easy
Fall Bareroot	
Spring Container	Easy
Fall Container	Moderate
Spring Seed	
Fall Seed	

Maintenance

Formal	Low
Informal	Low
2,4-D Tolerance	Tolerant
Dicamba Tolerance	Sensitive
Picloram Tolerance	Sensitive
Clopyralid Tolerance	
Artificial Light	
Sulfur Dioxide	Tolerant
Ozone Tolerance	Moderate
Hydrogen Flouride	Tolerant
Nitrogen Oxide	

Pests/Problems

Allergens	males 8, females 8
Invasiveness	Non-Invasive
Toxicity	Has toxic Roots, Stems, Leaves, Flowers, Fruit
Cold Injury	Susceptible
Storm Damage	Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	Low
Insect Concerns	Minor
Disease Concern	Minor
Wildlife Concerns	

Comments

Not recommended for roadsides unless in protected locations & where deer population is low. Many cultivars exist. Any portion of the plant is considered toxic, if ingested.

Bark

Fruit

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Leaf