

# Northern White Cedar

*Thuja occidentalis*



<b>Type</b>	Evergreen Tree
<b>Height</b>	30 - 60 Feet
<b>Spread</b>	20 - 50 Feet
<b>Form</b>	Conical
<b>Utilities</b>	Incompatible
<b>Growth Rate</b>	Moderate
<b>Life Expectancy</b>	Long
<b>USDA Zone</b>	2 - 8
<b>Root Type</b>	Fibrous Shallow

## Plant Community

**Sun** Full Sun through Partial Sun

**Orientation** North or East

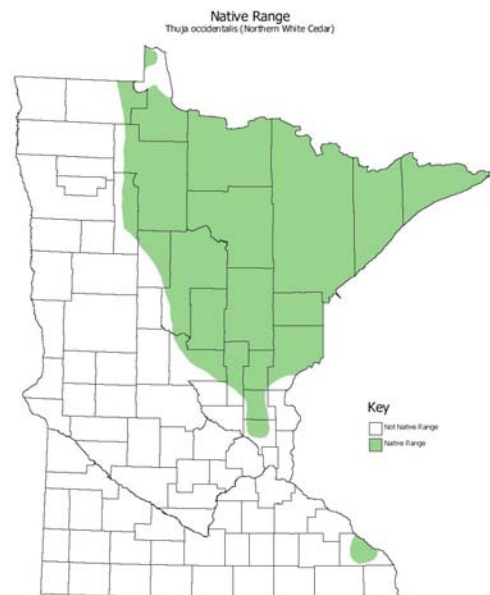
**Soil Texture** Sandy Loam through Clay

**Soil Water Holding Capacity** Xeric, Mesic or Hydric

**Topography** Upland, Lowland - stable water or Wetland

**Plant Community** Forest or Bog

**Succession** Pioneer, Intermediate or Climax



**Origin** MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, Minnesota or North America

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## Flowers/Foliage/Fruit

<b>Flower Color</b>	Brown
<b>Flower Season</b>	Spring
<b>Fruit</b>	Cone
<b>Fruit Color</b>	Tan
<b>Fruit Season</b>	Spring, Summer, Autumn or Winter

<b>Summer Texture</b>	Medium
<b>Winter Texture</b>	Medium
<b>Spring Foliage</b>	Green
<b>Summer Foliage</b>	Green
<b>Fall Foliage</b>	Green
<b>Winter Foliage</b>	Green



## Soils

<b>Salt Spray</b>	Sensitive
<b>Soil Salt</b>	Tolerant
<b>Compaction</b>	Tolerant
<b>Water Table</b>	6 Inches
<b>Drainage</b>	Moderate or Poor
<b>Flood Tolerance</b>	Moderate
<b>Drought Tolerance</b>	
<b>Moisture Regime</b>	Moist or Wet
<b>pH</b>	6 through 8

## Planting Ease

<b>Spring Bareroot</b>	Easy
<b>Fall Bareroot</b>	
<b>Spring Container</b>	Easy
<b>Fall Container</b>	Moderate
<b>Spring Seed</b>	
<b>Fall Seed</b>	

**Windbreak Group** WSG1, WSG1K, WSG2K, WSG2W, WSG3, WSG4L, WSG4F, WSG5, WSG6G or WSG7

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## Maintenance

<b>Formal</b>	Low
<b>Informal</b>	Low
<b>2, 4-D Tolerance</b>	Tolerant
<b>DicambaTolerance</b>	Sensitive
<b>PicloramTolerance</b>	Sensitive
<b>Clopyralid Tolerance</b>	
<b>Artificial Light</b>	
<b>Sulfur Dioxide</b>	Tolerant
<b>Ozone Tolerance</b>	Moderate
<b>Hydrogen Flouride</b>	Tolerant
<b>Nitrogen Oxide</b>	

## Pests/Problems

<b>Allergens</b>	both sexes 8
<b>Invasivness</b>	
<b>Toxicity</b>	Has toxic stems, leaves, fruit, flowers and roots
<b>Cold Injury</b>	Frequent
<b>Storm Damage</b>	Frequent

## **Biological Control**

## **Mechanical Control**

## **Chemical Control**

## 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.

## Miscellaneous

<b>Wildlife Rating</b>	Low
<b>Insect Concerns</b>	Minor
<b>Disease Concerns</b>	Minor
<b>Wildlife Concerns</b>	Deer and rabbits