

# White Spruce

*Picea glauca*



Mature



Native Range

## General Attributes

<b>Type</b>	Evergreen Tree
<b>Height</b>	50 - 75 Feet
<b>Spread</b>	20 - 40 Feet
<b>Form</b>	Conical
<b>Utility Lines</b>	Incompatible
<b>Growth Rate</b>	Medium
<b>Life Expectancy</b>	Long
<b>USDA Zone</b>	2 - 6
<b>Root Pattern</b>	Shallow Lateral

## Flowers/Foliage/Fruits

<b>Flower Color</b>	Purple
<b>Flower Season</b>	Spring
<b>Fruit</b>	Cone
<b>Fruit Color</b>	Tan
<b>Fruit Season</b>	Spring, Summer, Fall, 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

## Plant Community

<b>Sun</b>	Full Sun, Partial Sun, Shade
<b>Orientation</b>	North, South, East, West
<b>Soil Texture</b>	Loam to Clay
<b>Topography</b>	Upland, Lowland (Stable Water)
<b>Plant Community</b>	Forest, Old Field
<b>Succession</b>	Intermediate
<b>Origin</b>	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, MSA Zone 5, Minnesota, North America

## Soils

<b>Salt Spray Tolerance</b>	Sensitive
<b>Soil Salt Tolerance</b>	Sensitive
<b>Compaction Tolerance</b>	Moderate
<b>Water Table</b>	12 Inches
<b>Drainage</b>	Moderate
<b>Flood Tolerance</b>	
<b>Drought Tolerance</b>	Sensitive
<b>Moisture Regime</b>	Moist, Wet
<b>pH</b>	4.6 through 7.2
<b>Windbreak Group</b>	

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## Planting Ease

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

## Maintenance

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

## Pests/Problems

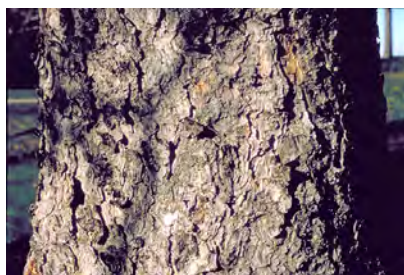
Allergens	males 3, females 3
Invasiveness	Non-Invasive
Toxicity	
Cold Injury	Not Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

## Miscellaneous

Wildlife Rating	High
Insect Concerns	Major
Disease Concern	Major
Wildlife Concerns	

## Comments

Useful as a specimen, mass, hedge, and windbreak tree. Needle rust, canker, yellow headed spruce sawfly are problems.



Bark



Fruit

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Immature