

White Spruce

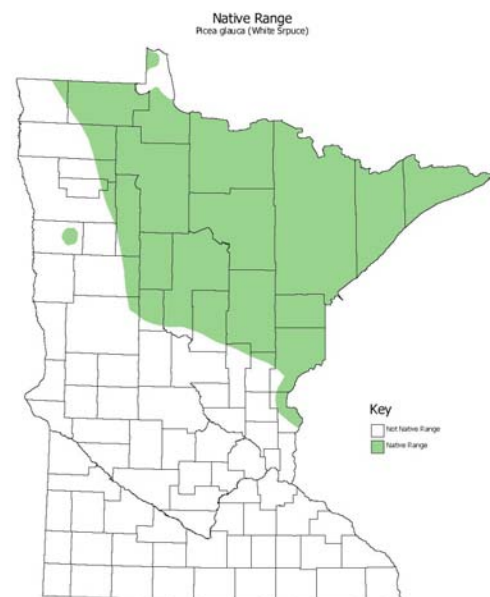
Picea glauca



Type	Evergreen Tree
Height	50 - 75 Feet
Spread	20 - 40 Feet
Form	Conical
Utilities	Incompatible
Growth Rate	Moderate
Life Expectancy	Long
USDA Zone	2 - 6
Root Type	Fibrous Shallow

Plant Community

Sun	Full Sun through Shade
Orientation	All Orientations
Soil Texture	Loam through Clay
Soil Water Holding Capacity	Mesic or Hydric
Topography	Upland or Lowland - stable water
Plant Community	Forest or Old Field
Succession	Intermediate



Origin MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, MSA Zone 5, Minnesota or North America

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Flowers/Foliage/Fruit

Flower Color Purple

Flower Season Spring

Fruit Cone

Fruit Color Tan

Fruit Season Spring, Summer, Autumn or Winter

Summer Texture Medium

Winter Texture Medium

Spring Foliage Green

Summer Foliage Green

Fall Foliage Green

Winter Foliage Green



Soils

Salt Spray Sensitive

Soil Salt Sensitive

Compaction Moderate

Water Table 12 Inches

Drainage Moderate

Flood Tolerance Moderate

Drought Tolerance Sensitive

Moisture Regime Moist or Wet

pH 4.6 through 7.2

Planting Ease

Spring Bareroot Easy

Fall Bareroot

Spring Container Easy

Fall Container Easy

Spring Seed

Fall Seed

Windbreak Group WSG1, WSG1K, WSG2, WSG2K, WSG2W, WSG3, WSG4L, WSG4F, WSG5, WSG6G or WSG7



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Maintenance

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



Pests/Problems

Allergens both sexes 3

Invasivness

Toxicity

Cold Injury Infrequent

Storm Damage Infrequent

Biological Control

Mechanical Control

Chemical Control

Miscellaneous

Wildlife Rating High

Insect Concerns Major

Disease Concerns Major

Wildlife Concerns Deer

Comments

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