

Jack Pine

Pinus banksiana



Type	Evergreen Tree
Height	50 - 65 Feet
Spread	20 - 35 Feet
Form	Irregular
Utilities	Incompatible
Growth Rate	Fast
Life Expectancy	Medium
USDA Zone	2 - 7
Root Type	Fibrous Deep

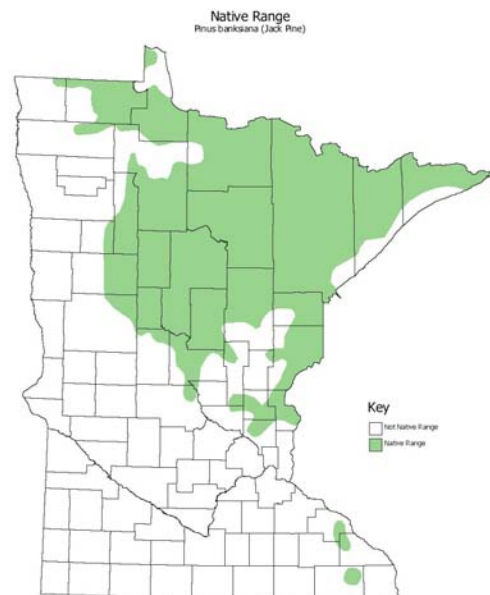
Plant Community

Sun	Full Sun
Orientation	All Orientations
Soil Texture	Sand through Sandy Loam

Soil Water Holding Capacity	Xeric, Mesic or Hydric
Topography	Upland

Plant Community Forest or Dune

Succession Pioneer



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

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Flowers/Foliage/Fruit

Flower Color Yellow

Flower Season Spring

Fruit Cone

Fruit Color Dark Brown

Fruit Season Spring, Summer, Autumn or Winter

Summer Texture Medium

Winter Texture Coarse

Spring Foliage Yellow Green

Summer Foliage Yellow Green

Fall Foliage Green

Winter Foliage Yellow Green



Soils

Salt Spray Moderate

Soil Salt Tolerant

Compaction Intolerant

Water Table 6 Inches

Drainage Excessive or Moderate

Flood Tolerance Intolerant

Drought Tolerance Tolerant

Moisture Regime Dry or Moist

pH 4.5 through 6.5

Planting Ease

Spring Bareroot Easy

Fall Bareroot

Spring Container Easy

Fall Container Moderate

Spring Seed

Fall Seed

Windbreak Group WSG1, WSG2, WSG3, WSG4L, WSG4F, WSG5, WSG6R, WSG6G or WSG7

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Maintenance

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



Pests/Problems

Allergens both sexes 4

Invasiveness Invasive

Toxicity

Cold Injury Infrequent

Storm Damage Infrequent

Biological Control

Mechanical Control

Chemical Control

Comments

Tolerates a soil pH 8.2 if mycorrhiza are present. Used in shelterbelts and reforestation. Not readily available in nursery trade.

Miscellaneous

Wildlife Rating High

Insect Concerns Major

Disease Concerns Major

Wildlife Concerns Deer and rabbits