

Jack Pine

Pinus banksiana



Mature



Native Range

General Attributes

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

Flowers/Foliage/Fruits

Flower Color	Yellow
Flower Season	Spring
Fruit	Cone
Fruit Color	Dark Brown
Fruit Season	Spring, Summer, Fall, Winter
Summer Texture	Medium
Winter Texture	Coarse
Spring Foliage	Yellow Green
Summer Foliage	Yellow Green
Fall Foliage	Green
Winter Foliage	Yellow Green

Plant Community

Sun	Full Sun
Orientation	North, South, East, West
Soil Texture	Sand to Sandy Loam
Topography	Upland
Plant Community	Forest, Dune
Succession	Pioneer
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, Minnesota, North America

Soils

Salt Spray Tolerance	Moderate
Soil Salt Tolerance	Tolerant
Compaction Tolerance	Intolerant
Water Table	6 Inches
Drainage	Excessive, Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist
pH	4.5 through 6.5
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	
Picloram Tolerance	Sensitive
Clopyralid Tolerance	
Artificial Light	Tolerant
Sulfur Dioxide	Sensitive
Ozone Tolerance	Sensitive
Hydrogen Flouride	Tolerant
Nitrogen Oxide	Tolerant

Pests/Problems

Allergens	males 4, females 4
Invasiveness	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

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



Bark



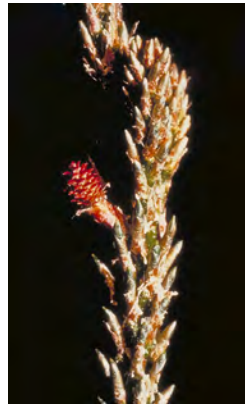
Flower

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Fruit



Immature



Leaf