Eastern White Pine
Pinus strobus

Mature

Native Range

General Attributes

Type	Evergreen Tree
Height	75 - 100 Feet
Spread	50 - 75 Feet
Form	Conical
Utility Lines	Incompatible
Growth Rate	Fast
Life Expectancy	Long
USDA Zone	2 - 7
Root Pattern	Shallow Lateral

Plant Community

Sun	Full Sun, Partial Sun
Orientation	North, South, East, West
Soil Texture	Loamy Sand to Clay Loam
Topography	Upland
Plant Community	Forest
Succession	Pioneer
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, MSA Zone 6, Minnesota, North America

Flowers/Foliage/Fruits

Flower Color	Purple
Flower Season	Summer
Fruit	Cone
Fruit Color	Tan
Fruit Season	Winter
Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Green
Winter Foliage	Green

Soils

Salt Spray Tolerance	Sensitive
Soil Salt Tolerance	Sensitive
Compaction Tolerance	Intolerant
Water Table	24 Inches
Drainage	Moderate
Flood Tolerance	
Drought Tolerance	Sensitive
Moisture Regime	Dry, Moist, Wet
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	Moderate
Ozone Tolerance	Moderate
Hydrogen Flouride	Sensitive
Nitrogen Oxide	Tolerant

Pests/Problems

Allergens	males 4, females 4
Invasiveness	Non-Invasive
Toxicity	
Cold Injury	Moderately Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	High
Insect Concerns	Major
Disease Concern	Major
Wildlife Concerns	

Comments
Sensitive to low levels of iron in the soil. Tolerates light shade when young. White pine blister rust susceptible. Mature trees exhibit horizontal branching.

Bark

Fruit

Leaf