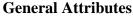
## **Eastern White Pine**

Pinus strobus





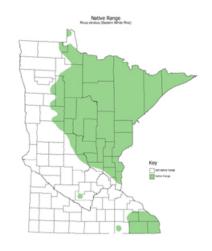
Mature



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

## Flowers/Foliage/Fruits

Flower Color Purple Summer Flower Season 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



Native Range

## **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

#### 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

# **Eastern White Pine**

Pinus strobus



| <b>Planting Ease</b>     |            | Maintenance          |           |
|--------------------------|------------|----------------------|-----------|
| Spring Bareroot          | Easy       | Formal               | Low       |
| Fall Bareroot            |            | Informal             | Low       |
| Spring Container         | Easy       | 2,4-D Tolerance      | Tolerant  |
| Fall Container           | Moderate   | Dicamba Tolerance    |           |
|                          | 1120001410 | Picloram Tolerance   | Sensitive |
| Spring Seed<br>Fall Seed |            | Clopyralid Tolerance |           |
|                          |            | Artificial Light     | Tolerant  |
|                          |            | Sulfur Dioxide       | Moderate  |
|                          |            | Ozone Tolerance      | Moderate  |
|                          |            | Hydrogen Flouride    | Sensitive |
|                          |            | Nitrogen Oxide       | Tolerant  |

| Pests/Problen | <b>1</b> S |
|---------------|------------|
|---------------|------------|

**Biological Control Mechanical Control Chemical Control** 

| Pests/Problems |                        | Miscellaneous          |       |
|----------------|------------------------|------------------------|-------|
| Allergens      | males 4, females 4     | Wildlife Rating        | High  |
| Invasiveness   | Non-Invasive           | <b>Insect Concerns</b> | Major |
| Toxicity       |                        | Disease Concern        | Major |
| Cold Injury    | Moderately Susceptible | Wildlife Concerns      |       |
| Storm Damage   | Not Susceptible        |                        |       |

# **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

# **Eastern White Pine**

Pinus strobus





Leaf