

# RED PINE

## Statistics

- Seedling Size: 18-24 inches
- Seedling Age: 3-0
- Mature Height: 50-80 feet
- Mature Width: 20-40 feet
- Soil Type: Sandy, Well-Drained
- Moisture: Dry, Moderate
- Sun: Full sun
- Growth Rate: Medium

## Characteristics

- Pollen cones form April-May. 2" long seed cones mature in fall of the second year.
- Fissures within the bark are reddish in color, giving it the name, "red pine."
- Needles are in clusters of two, and are brittle when bent.



Red pine (*Pinus resinosa*) is a fast-growing, long-lived tree that can reach heights of 50-80 feet. Shade intolerant, red pine prefers full sun on a moist or dry site. It grows best on well-drained, sandy loam soil, making it an excellent tree for reforestation of poor, sandy sites. Red pine is straight-stemmed and self-pruning; it sheds dead branches, tending to leave older trees with very long lengths of branchless trunk below the canopy.

# WHITE PINE



Welcome to the State Tree of Michigan! White pine (*Pinus strobus*) is moderately shade tolerant and will grow in a variety of sites, though it prefers moist, sandy loam soils. The entire tree is rich in vitamins A and C and can provide emergency food. Squirrels, chipmunks, birds and mice feed on the seeds and needles and some mammals eat the bark of White Pine trees.

## Statistics

- Seedling Size: 18-24 inches
- Seedling Age: 3-0
- Mature Height: 50-80 feet
- Mature Width: 20-40 feet
- Soil Type: Acidic, drought-tolerant, well-drained
- Moisture: Dry, Moderate, Moist
- Sun: Full Sun, Partial Shade
- Growth Rate: Fast

## Characteristics

- Dark, thick and rough, the bark is deeply furrowed.
- Pollen cones form in June. Seed cones produced in late June, 6-8 inches long at ripening.
- Its 2-5 inch long needles come in bundles of five. Needles are soft to the touch.