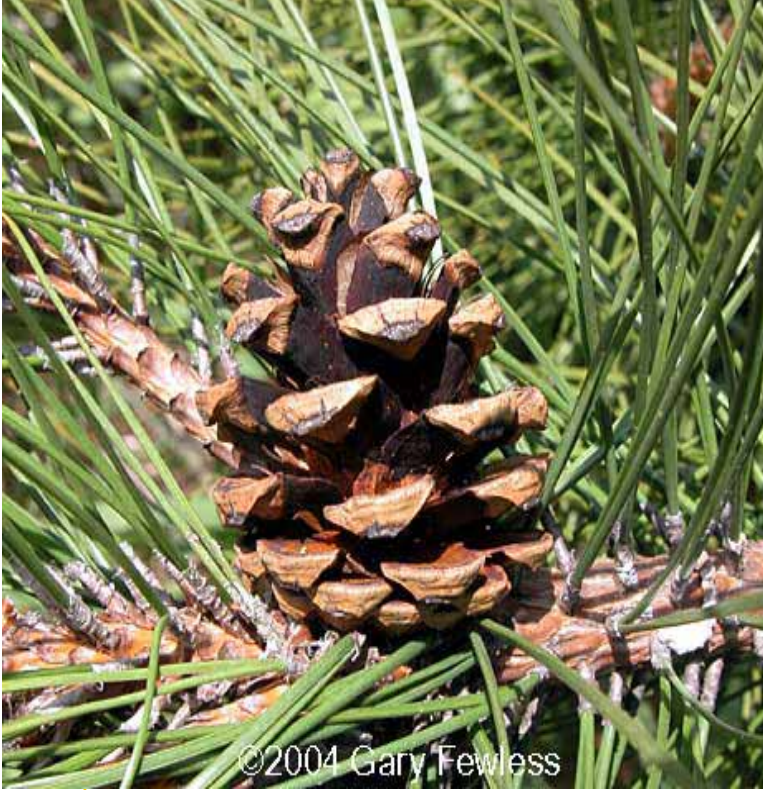



# Norway or Red Pine

*Pinus resinosa*



- **Plant Characteristics:** Heavily branched crown in youth and in old age the crown is somewhat symmetrically oval with the characteristic tufted foliage. Crown is sparse and oval.
- **Size:** Height: 50-80'  
Width: variable
- **Foliage:** Medium to dark color green. Brittle, sharp pointed needles in two's, persisting for 4 years. Needles are 5-6" long and snap when bent.
- **Flower:** Monecious, no ornamental value
- **Fruit:** Light brown cone that is 2" long and 1-2 inches wide.
- **Soil:** Prefers dry, loose, sandy soil with low pH
- **Tolerances:** Extremely cold tolerant  
Tolerates alkaline soil.
- **USDA Hardiness Zone:** Zone 2-5
- **Light Range:** Full sun. 
- **pH Range:** 6.8 or less.
- **Other:** -extremely resistant to insects and disease
  - medium rate of growth, about 6"/year
  - susceptible to salt damage
  - Attracts songbirds upland game birdsMammals
  - used for groves and windbreaks