



| Tree Species | Soil Types | | | | Light Requirements | | | Moisture Requirements | Mature Height (in feet) | Crown Spread (in feet) | Growth Rate | | | Animal Habitat | | | Edible (Jellies, etc) | Winter Hard | | | Disease Resistant | Short Lived | Could be Good for Shoreline | Fall Color |
|------------------|------------|------|------|------|--------------------|--------------|-------------|-----------------------|-------------------------|------------------------|-------------|-----------|----------|----------------|-------|---------------|-----------------------|-------------|-----------|--------|-------------------|-------------|-----------------------------|------------|
| | Sandy | Silt | Loam | Clay | Full Sun | Sun-Pl Shade | Partial Sun | | | | Full Shade | Very Fast | Moderate | Slow | Birds | Small Mammals | | Big Animals | Windbreak | Summer | | | | |
| Cranberry | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Redstart Dogwood | X | X | X | X | X | X | X | M.W. | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Rugosa Rose | X | X | X | X | X | X | X | Moist | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Lilac | X | X | X | X | X | X | X | M.D.R. | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Nanking Cherry | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| American Plum | X | X | X | X | X | X | X | W.D. | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Chokeberry | X | X | X | X | X | X | X | D.R. - W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Flame Willow | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Flowering Crab | X | X | X | X | X | X | X | W.D. | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Nannyberry | X | X | X | X | X | X | X | Moist | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Pin Cherry | X | X | X | X | X | X | X | W.V. | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Black Walnut | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Butternut | X | X | X | X | X | X | X | Moist | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Black Cherry | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Hybrid Poplar | X | X | X | X | X | X | X | Moist | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Paper Birch | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Red Pine | X | X | X | X | X | X | X | W.V. - W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Sugar Maple | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Red Oak | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| White Oak | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| White Cedar | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Red Cedar | X | X | X | X | X | X | X | W.V. | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Norway Spruce | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| White Spruce | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Tamarack | X | X | X | X | X | X | X | Moist-M/W | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Red Pine | X | X | X | X | X | X | X | Moist-W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| White Pine | X | X | X | X | X | X | X | W.V. - W/D | 15 | 15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

**FREE GEOLOGIC ATLASES
AVAILABLE AT THE PINE SWCD**

The Pine SWCD has free Pine County Geological Atlases available at our office. The atlas was created by the Minnesota Geological Survey (MGS) and the Minnesota Department of Natural Resources Division of Waters. Included in the atlas are ten maps and a report of investigations by the MGS. The report discusses the bedrock geology, history of glaciation, stream-like magnetic anomalies, and karst features in Pine County. Part A of the maps include a database map, bedrock geology, geophysics, surficial geology, quaternary stratigraphy, sinkhole distribution, depth to bedrock, bedrock topography, and mineral endowment. The Part B maps include the hydrogeology of the unconsolidated and bedrock aquifer, hydrogeologic cross sections, and sensitivity to pollution of the uppermost bedrock aquifer. If any of this information interests you or you do not know what these terms are and you want to learn more, stop at our office and take a look.

2007 PLATBOOK SALE

The official 2007 Pine County Platbook is on sale now for the discounted price of \$20 only at Pine County Soil & Water Conservation District Office.

Cash and check accepted.

We are not able to accept credit/debit cards at this time.

Books can be mailed out, however postage charges will apply. Contact our office for information.