

## WOODLAND SUITABILITY GROUP 4

This soil has high site index, moderate pest and disease hazard, and moderate windthrow hazard. It has a slight limitation for growing Christmas trees.

The soil in this group is suited to medium intensity management. Tree growth rates are moderate and economic returns cannot be expected as early as in Groups 1, 2, and 3. Thinning should be done at an early age and trees should be pruned before they reach a diameter of 15 inches at breast height. Damage from pests can be expected but should not be excessive, except in extremely dry years. Logging is fairly easy, but heavy equipment bogs down in some low or flat areas during wet weather.

Locating and building roads is fairly easy. In some places roads need to be graveled for year-round use. Roads and skid trails should be protected from runoff water. Main roads need bridges, ditches, and culverts. Temporary or minor roads should be out-sloped and grades should slope downward toward the watercourse for a short distance where they cross creeks and drains. Grades should not exceed those considered safe in existing design standards and construction practices. When constructing roads, adequate erosion control measures are needed.

Fire is relatively easy to control chiefly because of easy access and gentle slopes. The soil in areas where trees have been removed by fire or other causes is fairly easy to prepare for planting. Planting can be done by machine in most areas where soils will not be adversely affected by the use of machinery.