SOIL SERIES DESCRIPTION

Newberg silt loam

Mapping Symbols: Ng

The Newberg series consists of well drained soils that formed in alluvium in the stream valleys under conifers, hardwoods, and grasses at elevations from sea level to 500 feet. Slopes are 0 to 2%. The annual precipitation is 35 to 45 inches. The frost-free season is about 200 days.

Typical Profile:

Depth from Surface:

0 to 20 Inches:	Very dark grayish brown silt loam and very fine sandy loam
20 to 60 Inches:	stratified very fine sandy loam, loam very fine sand, loamy sand, and silt loam

Permeability:

Moderate

Rooting Depth:

60 inches +

Depth to Seasonal High Water Table:

3 to 4 feet

Available Water Holding Capacity:

High

Runoff Potential:

Slow

Erosion and Slippage Hazard:

Slight

Flooding Potential:

Slight to severe

Use and Management:

The primary use of this soil is for row crops.

Pasture forage yields are 5.0 tons/acre/year with good management.

Douglas-fir, Western Hemlock, Red Alder, and Bigleaf Maple are important tree species on all soil slope classes.This soil has moderate equipment limitations for site preparation and timber harvest because of its potential for wetness.

The Newberg soil has moderate recreational and severe engineering limitations due to its flooding potential.