

SOIL SERIES DESCRIPTION

Renton silt loam

Mapping Symbols: Re

The Renton series consists of poorly drained soils that formed in alluvium in river valleys. Slopes are 0 to 1%. The annual precipitation is 35 to 55 inches. The frost-free season is about 200 days.

Typical Profile:

Depth from Surface:

0 to 6 Inches: Dark grayish-brown very sandy loam

6 to 60 Inches: Black sand

Permeability:

Moderately rapid in surface and very rapid in subsoil

Rooting Depth:

60 inches + if drained

Depth to Seasonal High Water Table:

1 to 2 feet

Available Water Holding Capacity:

Moderate to moderately high

Runoff Potential:

Slow

Erosion and Slippage Hazard:

Slight

Renton Series

Use and Management:

Primary use of this soil is for row crops, seeded pastures, and urban development.

Pasture forage yields are 2.0 tons/acre/year if undrained and 4.0 tons/acre/year if drained with good management.

Western Red Cedar, Douglas-fir, Western Hemlock, Red Alder, and Bigleaf Maple are important tree species on this soil. Plant competition is a limiting factor in timbering.

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