

Map Unit Description

Rio Blanco County Area, Colorado

94 Turley fine sandy loam, 3 to 8 percent slopes

Setting

Elevation: 5000 to 5800 feet
Mean annual precipitation: 8 to 12 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 105 to 125 days

Composition

Turley and similar soils: 85 percent

Description of Turley

Setting

Landform: Stream terraces, fans, valley floors
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous, mixed alluvium derived from sandstone and shale

Properties and Qualities

Slope: 3 to 8 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Salinity maximum: Non saline or very slightly saline (2.0 to 4.0 mmhos/cm)
Available water capacity: High (about 11.2 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 6e

Typical Profile

0 to 4 inches: fine sandy loam
4 to 60 inches: clay loam, silty clay loam, loam