

Rio Blanco County Area, Colorado

73—Rentsac channery loam, 5 to 50 percent slopes

Map Unit Setting

Elevation: 6,000 to 7,600 feet
Mean annual precipitation: 14 to 18 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 80 to 105 days

Map Unit Composition

Rentsac and similar soils: 80 percent

Description of Rentsac

Setting

Landform: Ridges
Landform position (three-dimensional): Upper third of mountain flank
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Residuum weathered from calcareous sandstone

Properties and qualities

Slope: 5 to 50 percent
Depth to restrictive feature: 10 to 20 inches to lithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 4.0 mmhos/cm)
Available water capacity: Very low (about 2.0 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability (nonirrigated): 7e
Hydrologic Soil Group: D

Typical profile

0 to 5 inches: Channery loam
5 to 16 inches: Very flaggy loam, extremely gravelly sandy loam, extremely channery loam
16 to 20 inches: Unweathered bedrock

Data Source Information

Soil Survey Area: Rio Blanco County Area, Colorado
Survey Area Data: Version 9, Dec 23, 2013