

## Rio Blanco County Area, Colorado

### 73—Rentsac channery loam, 5 to 50 percent slopes

#### Map Unit Setting

*Landscape:* Foothills

*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

*Minor components:* 20 percent

#### Description of Rentsac

##### Setting

*Landform:* Ridges

*Landform position (three-dimensional):* Upper third of mountainflank

*Down-slope shape:* Linear, convex

*Across-slope shape:* Linear, convex

*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:* Extremely channery loam, extremely gravelly sandy loam, very flaggy loam

*16 to 20 inches:* Unweathered bedrock

#### Minor Components

##### Other soils

*Percent of map unit:* 20 percent