

Map Unit Description

Morgan County, Colorado

ReC Renohill loam, 3 to 5 percent slopes

Setting

Landscape: Uplands
Elevation: 3600 to 6200 feet
Mean annual precipitation: 11 to 16 inches
Mean annual air temperature: 46 to 48 degrees F
Frost-free period: 100 to 160 days

Composition

Renohill and similar soils: 90 percent
Minor components: 10 percent

Description of Renohill

Setting

Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Calcareous, weathered from sandy shale and siltstone

Properties and Qualities

Slope: 3 to 5 percent
Depth to restrictive feature: 20 to 40 inches to Paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 5.3 inches)

Interpretive Groups

Land capability classification (irrigated): 3s
Land capability (non irrigated): 4e
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 3 inches: loam
3 to 9 inches: clay loam
9 to 30 inches: loam
30 to 34 inches: unweathered bedrock

Minor Components

Briggsdale

Percent of map unit: 6 percent

Shingle

Percent of map unit: 4 percent