

# 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