

Map Unit Description

Weld County, Colorado, Northern Part

55 Renohill fine sandy loam, 0 to 6 percent slopes

Setting

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: 85 percent
Minor components: 15 percent

Description of Renohill

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous, clayey loamy residuum weathered from shale

Properties and Qualities

Slope: 0 to 6 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 5.4 inches)

Interpretive Groups

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

Typical Profile

0 to 5 inches: fine sandy loam
5 to 18 inches: clay
18 to 32 inches: clay loam
32 to 36 inches: unweathered bedrock

Minor Components

Shingle

Percent of map unit: 5 percent

Midway

Percent of map unit: 4 percent

Ulm

Percent of map unit: 3 percent

Other soils

Percent of map unit: 3 percent

Map Unit Description

Weld County, Colorado, Northern Part

64 Terry sandy loam, 0 to 3 percent slopes

Setting

Elevation: 4000 to 6500 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 46 to 48 degrees F
Frost-free period: 120 to 180 days

Composition

Terry and similar soils: 80 percent
Minor components: 20 percent

Description of Terry

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous sandy residuum weathered from sandstone

Properties and Qualities

Slope: 0 to 3 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 high (0.06 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 3.7 inches)

Interpretive Groups

Land capability (non irrigated): 4e
Ecological site: Sandy Plains (R067BY024CO)

Typical Profile

0 to 5 inches: sandy loam
5 to 17 inches: sandy loam
17 to 32 inches: sandy loam
32 to 36 inches: weathered bedrock

Minor Components

Tassel

Percent of map unit: 8 percent

Vona

Percent of map unit: 6 percent

Olney

Percent of map unit: 6 percent

Map Unit Description

Weld County, Colorado, Northern Part

65 Terry sandy loam, 3 to 9 percent slopes

Setting

Elevation: 4000 to 6500 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 46 to 48 degrees F
Frost-free period: 120 to 180 days

Composition

Terry and similar soils: 85 percent
Minor components: 15 percent

Description of Terry

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous sandy residuum weathered from sandstone

Properties and Qualities

Slope: 3 to 9 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 high (0.06 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 3.7 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Sandy Plains (R067BY024CO)

Typical Profile

0 to 5 inches: sandy loam
5 to 17 inches: fine sandy loam, sandy loam
17 to 32 inches: fine sandy loam, sandy loam, gravelly sandy loam
32 to 36 inches: weathered bedrock

Minor Components

Tassel

Percent of map unit: 5 percent

Olney

Percent of map unit: 4 percent

Vona

Percent of map unit: 3 percent

Renohill

Percent of map unit: 3 percent