

Weld County, Colorado, Northern Part

65—Terry sandy loam, 3 to 9 percent slopes

Map Unit Setting

Elevation: 4,000 to 6,500 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 46 to 48 degrees F
Frost-free period: 120 to 180 days

Map Unit 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 to high (0.06 to 2.00 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 (0.0 to 2.0 mmhos/cm)
Available water capacity: Moderate (about 8.4 inches)

Interpretive groups

Land capability (nonirrigated): 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

Renohill

Percent of map unit: 3 percent

Vona

Percent of map unit: 3 percent

Data Source Information

Soil Survey Area: Weld County, Colorado, Northern Part

Survey Area Data: Version 8, Apr 30, 2009