

Weld County, Colorado, Northern Part

18—Bushman fine sandy loam, 3 to 9 percent slopes

Map Unit Setting

Elevation: 5,000 to 6,000 feet
Mean annual precipitation: 11 to 15 inches
Mean annual air temperature: 45 to 46 degrees F
Frost-free period: 130 to 160 days

Map Unit Composition

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

Description of Bushman

Setting

Landform: Fans, alluvial fans
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous loamy alluvium and/or colluvium

Properties and qualities

Slope: 3 to 9 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 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: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability (nonirrigated): 6e
Ecological site: Sandy Plains (R067BY024CO)

Typical profile

0 to 6 inches: Fine sandy loam
6 to 60 inches: Sandy loam

Minor Components

Wages

Percent of map unit: 6 percent

Cushman

Percent of map unit: 4 percent

Data Source Information

Soil Survey Area: Weld County, Colorado, Northern Part

Survey Area Data: Version 8, Apr 30, 2009