

Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

3—Barx loam, 3 to 12 percent slopes

Map Unit Setting

Elevation: 5,000 to 6,400 feet
Mean annual precipitation: 12 to 16 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 110 to 150 days

Map Unit Composition

Barx and similar soils: 85 percent

Description of Barx

Setting

Landform: Structural benches
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed material eolian deposits

Properties and qualities

Slope: 3 to 12 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Maximum salinity: Nonsaline to very slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 5.0
Available water capacity: High (about 9.9 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability (nonirrigated): 4c
Hydrologic Soil Group: C
Ecological site: Rolling Loam (R034XY298CO)

Typical profile

0 to 3 inches: Loam
3 to 14 inches: Clay loam
14 to 40 inches: Loam

40 to 60 inches: Loam

Data Source Information

Soil Survey Area: Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

Survey Area Data: Version 6, Dec 23, 2013