

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

70—Uffens loam, 1 to 8 percent slopes

Map Unit Setting

Elevation: 4,800 to 5,100 feet
Mean annual precipitation: 7 to 10 inches
Mean annual air temperature: 52 to 56 degrees F
Frost-free period: 160 to 175 days

Map Unit Composition

Uffens and similar soils: 85 percent

Description of Uffens

Setting

Landform: Mesas, terraces
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed material alluvium

Properties and qualities

Slope: 1 to 8 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: 30 percent
Gypsum, maximum content: 2 percent
Maximum salinity: Slightly saline to moderately saline (8.0 to 16.0 mmhos/cm)
Sodium adsorption ratio, maximum: 60.0
Available water capacity: Moderate (about 6.5 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability (nonirrigated): 7s
Hydrologic Soil Group: B
Ecological site: Salt Flats (R034XY262CO)

Typical profile

0 to 5 inches: Loam
5 to 20 inches: Loam
20 to 27 inches: Loam

27 to 60 inches: Sandy loam

Data Source Information

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

Survey Area Data: Version 5, Feb 1, 2008