

Moffat County Area, Colorado

67—Evanot loam, 12 to 25 percent slopes

Map Unit Setting

Elevation: 6,200 to 7,200 feet

Mean annual precipitation: 13 to 15 inches

Mean annual air temperature: 42 to 45 degrees F

Frost-free period: 75 to 95 days

Map Unit Composition

Evanot and similar soils: 85 percent

Description of Evanot

Setting

Landform: Hillslopes

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loess

Properties and qualities

Slope: 12 to 25 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: 15 percent

Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 5.0

Available water capacity: High (about 9.9 inches)

Interpretive groups

Land capability (nonirrigated): 6e

Ecological site: Deep Loam (R034XY292CO)

Typical profile

0 to 8 inches: Loam

8 to 20 inches: Clay loam

20 to 33 inches: Clay loam

33 to 60 inches: Loam