

Map Unit Description

Moffat County Area, Colorado

68 **Evanot-Yamo complex, 3 to 20 percent slopes**

Setting

Elevation: 6500 to 7000 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 75 to 95 days

Composition

Evanot and similar soils: 50 percent
Yamo and similar soils: 25 percent

Description of Evanot

Setting

Landform: Hills
Landform position (two-dimensional): Backslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess

Properties and Qualities

Slope: 3 to 20 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Sodium adsorption ratio maximum: 5.0
Available water capacity: High (about 9.8 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Deep Loam (R034XY292CO)

Typical Profile

0 to 3 inches: loam
3 to 22 inches: clay loam
22 to 60 inches: loam

Description of Yamo

Setting

Landform: Hills
Landform position (two-dimensional): Summit
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess

Properties and Qualities

Slope: 3 to 20 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Sodium adsorption ratio maximum: 1.0
Available water capacity: High (about 9.3 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Clayey Foothills (R034XY289CO)

Typical Profile

0 to 3 inches: loam

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3 to 14 inches: loam
14 to 60 inches: loam