

Moffat County Area, Colorado

66—Evanot loam, 1 to 12 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: 90 percent

Description of Evanot

Setting

Landform: Structural benches, hillslopes

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loess

Properties and qualities

Slope: 1 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: 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): 4e

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

Custom Soil Resource Report

Rangeland Productivity and Plant Composition– Moffat County Area, Colorado						
Map unit symbol and soil name	Ecological site	Total dry-weight production			Characteristic vegetation	Rangeland composition
		Favorable year	Normal year	Unfavorable year		
		<i>Lb/ac</i>	<i>Lb/ac</i>	<i>Lb/ac</i>		<i>Pct</i>
66—Evanot loam, 1 to 12 percent slopes						
Evanot	Deep Loam	1,800	1,500	900	Western wheatgrass	15
					Needleandthread	15
					Wyoming big sagebrush	15
					Miscellaneous perennial forbs	10
					Mountain snowberry	5
					Muttongrass	5
					Miscellaneous perennial grasses	5
					Prairie junegrass	5
					Miscellaneous shrubs	5
					Great basin wildrye	3