

## 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