

## Map Unit Description

Fremont County Area, Colorado

### 50 Kim loam, cool, 3 to 8 percent slopes

#### Setting

Elevation: 5300 to 6100 feet  
Mean annual precipitation: 13 to 15 inches  
Mean annual air temperature: 48 to 51 degrees F  
Frost-free period: 125 to 155 days

#### Composition

Kim, cool, and similar soils: 95 percent

#### Description of Kim, cool

##### Setting

Landform: Fan terraces, fans  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Loamy alluvium and/or eolian deposits

##### Properties and Qualities

Slope: 3 to 8 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  
Available water capacity: Moderate (about 9.0 inches)

##### Interpretive Groups

Land capability classification (irrigated): 4e  
Land capability (non irrigated): 4c  
Ecological site: Loamy Foothill (R049BY202CO)

##### Typical Profile

0 to 3 inches: loam  
3 to 60 inches: loam, fine sandy loam

#### Cascajo

Percent of map unit: percent