

# Map Unit Description

Fremont County Area, Colorado

## 49 Kim loam, 3 to 8 percent slopes

### Setting

Elevation: 5200 to 5500 feet  
Mean annual precipitation: 11 to 13 inches  
Mean annual air temperature: 51 to 53 degrees F  
Frost-free period: 150 to 170 days

### Composition

Kim and similar soils: 90 percent

### Description of Kim

#### Setting

Landform: Fan terraces, plains  
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: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 10.1 inches)

#### Interpretive Groups

Land capability classification (irrigated): 3e  
Land capability (non irrigated): 6c  
Ecological site: Loamy Plains (R069XY006CO)

#### Typical Profile

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

### Cascajo

Percent of map unit: percent

### Otero

Percent of map unit: percent