

Fremont County Area, Colorado

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

Map Unit Setting

Elevation: 5,300 to 6,100 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 48 to 51 degrees F
Frost-free period: 125 to 155 days

Map Unit 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
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 10 percent
Available water capacity: Very high (about 17.5 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability classification (irrigated): 4e
Land capability (nonirrigated): 4c
Hydrologic Soil Group: B
Ecological site: Loamy Foothill (R049BY202CO)

Typical profile

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

Data Source Information

Soil Survey Area: Fremont County Area, Colorado
Survey Area Data: Version 12, Dec 23, 2013