

Cheyenne County, Colorado

22—Kim loam, 3 to 12 percent slopes

Map Unit Setting

Elevation: 4,500 to 5,900 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 135 to 150 days

Map Unit Composition

Kim and similar soils: 85 percent
Minor components: 15 percent

Description of Kim

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Properties and qualities

Slope: 3 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 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: 20 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 4.0 mmhos/cm)
Available water capacity: Very high (about 26.5 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability classification (irrigated): 4e
Land capability (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: Loamy Slopes (R067BY008CO)

Typical profile

0 to 7 inches: Loam
7 to 60 inches: Loam, clay loam, sandy clay loam

Minor Components

Stoneham

Percent of map unit: 10 percent

Fort collins

Percent of map unit: 5 percent

Data Source Information

Soil Survey Area: Cheyenne County, Colorado

Survey Area Data: Version 13, Dec 23, 2013