

## 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