

Map Unit Description

Cheyenne County, Colorado

47 Ulm loam, 0 to 3 percent slopes

Setting

Elevation: 3500 to 5000 feet
Mean annual precipitation: 15 to 15 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 105 to 120 days

Composition

Ulm and similar soils: 65 percent
Minor components: 35 percent

Description of Ulm

Setting

Landform: Stream terraces, plains
Down-slope shape: Concave, linear
Across-slope shape: Linear
Parent material: Alluvium

Properties and Qualities

Slope: 0 to 3 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or high (0.06 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): 2e
Land capability (non irrigated): 4e
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 3 inches: loam
3 to 19 inches: clay loam, clay
19 to 30 inches: clay loam, clay
30 to 60 inches: sandy clay loam, loam

Minor Components

Manzanola

Percent of map unit: 15 percent

Fort collins

Percent of map unit: 10 percent

Nunn

Percent of map unit: 10 percent