

47—Ulm loam, 0 to 3 percent slopes

Map Unit Setting

- *Elevation:* 3,500 to 5,000 feet
- *Mean annual precipitation:* 15 inches
- *Mean annual air temperature:* 48 to 52 degrees F
- *Frost-free period:* 105 to 120 days

Map Unit Composition

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

Description of Ulm

Setting

- *Landform:* Stream terraces, plains
- *Down-slope shape:* Linear, concave
- *Across-slope shape:* Linear
- *Parent material:* Alluvium

Properties and qualities

- *Slope:* 0 to 3 percent
- *Depth to restrictive feature:* More than 80 inches
- *Drainage class:* Well drained
- *Capacity of the most limiting layer to transmit water (Ksat):* Moderately low to high (0.06 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:* 15 percent
- *Maximum salinity:* Nonsaline (0.0 to 2.0 mmhos/cm)
- *Available water capacity:* Very high (about 19.6 inches)

Interpretive groups

- *Farmland classification:* Prime farmland if irrigated
- *Land capability classification (irrigated):* 2e
- *Land capability (nonirrigated):* 4e
- *Hydrologic Soil Group:* C
- *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

Nunn

- *Percent of map unit:* 10 percent

Fort collins

- *Percent of map unit:* 10 percent