

## Lincoln County, Colorado

### 213—Weld silt loam, 0 to 2 percent slopes

#### Map Unit Setting

*Elevation:* 4,400 to 6,000 feet  
*Mean annual precipitation:* 14 to 16 inches  
*Mean annual air temperature:* 46 to 52 degrees F  
*Frost-free period:* 135 to 155 days

#### Map Unit Composition

*Weld and similar soils:* 85 percent  
*Minor components:* 15 percent

#### Description of Weld

##### Setting

*Landform:* Plains  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Loess

##### Properties and qualities

*Slope:* 0 to 2 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 (0.20 to 0.60 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 15 percent  
*Available water capacity:* High (about 11.0 inches)

##### Interpretive groups

*Farmland classification:* Prime farmland if irrigated  
*Land capability (nonirrigated):* 3c  
*Hydrologic Soil Group:* C  
*Ecological site:* Loamy Plains (R067BY002CO)

##### Typical profile

*0 to 4 inches:* Silt loam  
*4 to 19 inches:* Silty clay  
*19 to 44 inches:* Silty clay loam  
*44 to 60 inches:* Silt loam

#### Minor Components

##### Pleasant

*Percent of map unit:* 5 percent  
*Landform:* Depressions  
*Ecological site:* Plains Swale (R067XY010CO)

**Colby**

*Percent of map unit:* 5 percent

*Landform:* Plains

*Other vegetative classification:* Loamy Plains (067XY002)

**Karval**

*Percent of map unit:* 3 percent

*Landform:* Hills

*Landform position (three-dimensional):* Side slope

*Other vegetative classification:* GRAVEL BREAKS  
(067XY063CO\_1)

**Rago**

*Percent of map unit:* 2 percent

*Landform:* Flood plains

*Ecological site:* Overflow Central/South - Draft (R067XY036CO)

## Data Source Information

Soil Survey Area: Lincoln County, Colorado

Survey Area Data: Version 11, Dec 23, 2013