

## Crowley County, Colorado

### LoB—Limon clay, alkali, 1 to 3 percent slopes

#### Map Unit Setting

*Elevation:* 3,000 to 6,000 feet

*Mean annual precipitation:* 11 to 14 inches

*Mean annual air temperature:* 52 to 54 degrees F

*Frost-free period:* 120 to 160 days

#### Map Unit Composition

*Limon, alkali, and similar soils:* 90 percent

*Minor components:* 10 percent

#### Description of Limon, Alkali

##### Setting

*Landform:* Terraces, plains

*Landform position (three-dimensional):* Tread, talf

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Saline-alkali clayey alluvium derived from shale

##### Properties and qualities

*Slope:* 1 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 moderately high (0.06 to 0.20 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* Occasional

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 10 percent

*Gypsum, maximum content:* 2 percent

*Maximum salinity:* Nonsaline to slightly saline (2.0 to 8.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 10.0

*Available water capacity:* High (about 9.7 inches)

##### Interpretive groups

*Farmland classification:* Not prime farmland

*Land capability classification (irrigated):* 3e

*Land capability (nonirrigated):* 6s

*Hydrologic Soil Group:* C

*Ecological site:* Salt Flat (R069XY033CO)

##### Typical profile

*0 to 24 inches:* Clay

*24 to 60 inches:* Silty clay

### **Minor Components**

#### **Other soils**

*Percent of map unit:* 10 percent

## **Data Source Information**

Soil Survey Area: Crowley County, Colorado

Survey Area Data: Version 10, Sep 17, 2012