

Crowley County, Colorado

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

Map Unit Setting

National map unit symbol: 3568
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
Farmland classification: Not prime farmland

Map Unit Composition

Limon, alkali, occasionally flooded, and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Limon, Alkali, Occasionally Flooded

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

Typical profile

A - 0 to 24 inches: clay
C - 24 to 60 inches: silty clay

Properties and qualities

Slope: 1 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Low
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 in profile: 10 percent
Gypsum, maximum in profile: 2 percent
Salinity, maximum in profile: Very slightly saline to moderately saline
(2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 10.0
Available water storage in profile: High (about 9.7 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 6s
Hydrologic Soil Group: C

Ecological site: Salt Flat (R069XY033CO)

Hydric soil rating: No

Minor Components

Other soils

Percent of map unit: 10 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Crowley County, Colorado

Survey Area Data: Version 13, Sep 22, 2015