

Lincoln County, Colorado

114—Bijou loamy sand, moist, 1 to 3 percent slopes

Map Unit Setting

Elevation: 4,400 to 6,000 feet
Mean annual precipitation: 11 to 16 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 135 to 155 days

Map Unit Composition

Bijou, moist, and similar soils: 90 percent
Minor components: 10 percent

Description of Bijou, Moist

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Eolian deposits

Properties and qualities

Slope: 1 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat excessively drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Low (about 5.5 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability (nonirrigated): 3e
Hydrologic Soil Group: B
Ecological site: Sandy Plains (R067BY024CO)

Typical profile

0 to 4 inches: Loamy sand
4 to 9 inches: Loamy sand
9 to 36 inches: Sandy loam
36 to 60 inches: Loamy sand

Minor Components

Apishapa, rarely ponded

Percent of map unit: 3 percent
Landform: Depressions
Ecological site: Plains Swale (R067XY010CO)

Arvada

Percent of map unit: 3 percent

Landform: Fans, drainageways

Other vegetative classification: Salt Flat (069AY033CO_1)

Valent

Percent of map unit: 2 percent

Landform: Dunes

Ecological site: Deep Sand (R067BY015CO)

Other vegetative classification: DEEP SANDS (067XY015CO_2)

Karval

Percent of map unit: 2 percent

Landform: Hills

Landform position (three-dimensional): Side slope

Other vegetative classification: GRAVEL BREAKS
(067XY063CO_1)

Data Source Information

Soil Survey Area: Lincoln County, Colorado

Survey Area Data: Version 11, Dec 23, 2013