

## 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