

# Map Unit Description

Morgan County, Colorado

## **BIB Bijou loamy sand, 1 to 3 percent slopes**

### **Setting**

Elevation: 4400 to 6000 feet  
Mean annual precipitation: 14 to 14 inches  
Mean annual air temperature: 46 to 52 degrees F  
Frost-free period: 140 to 180 days

### **Composition**

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

### **Description of Bijou**

#### **Setting**

Landform: Stream terraces  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Noncalcareous alluvium derived from arkose

#### **Properties and Qualities**

Slope: 1 to 3 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 5 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 5.6 inches)

#### **Interpretive Groups**

Land capability classification (irrigated): 3e  
Land capability (non irrigated): 4e  
Ecological site: Sandy Plains (R067BY024CO)

#### **Typical Profile**

0 to 14 inches: loamy sand  
14 to 52 inches: coarse sandy loam  
52 to 60 inches: loamy coarse sand

### **Minor Components**

#### **Glenberg**

Percent of map unit: 5 percent

#### **Bresser**

Percent of map unit: 5 percent