

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