

## Elbert County, Colorado, Western Part

### 6—Bresser sandy loam, 4 to 8 percent slopes

#### Map Unit Setting

*Elevation:* 5,300 to 6,400 feet

*Mean annual precipitation:* 14 to 17 inches

#### Map Unit Composition

*Bresser and similar soils:* 85 percent

*Minor components:* 15 percent

#### Description of Bresser

##### Setting

*Landform:* Hills

*Landform position (two-dimensional):* Footslope, backslope

*Landform position (three-dimensional):* Side slope

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Alluvium and/or arkosic residuum weathered from sedimentary rock

##### Properties and qualities

*Slope:* 4 to 8 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 10 percent

*Available water capacity:* High (about 11.0 inches)

##### Interpretive groups

*Farmland classification:* Not prime farmland

*Land capability classification (irrigated):* 4e

*Land capability (nonirrigated):* 4e

*Hydrologic Soil Group:* B

*Ecological site:* Sandy Foothill (R049BY210CO)

##### Typical profile

*0 to 7 inches:* Sandy loam

*7 to 20 inches:* Sandy clay loam, clay loam

*20 to 29 inches:* Sandy loam

*29 to 60 inches:* Loamy coarse sand, gravelly loamy sand, very gravelly loamy sand

#### Minor Components

##### Ascalon

*Percent of map unit:* 9 percent

**Truckton**

*Percent of map unit: 4 percent*

**Aquic haplustoll**

*Percent of map unit: 2 percent*

*Landform: Swales*

## **Data Source Information**

Soil Survey Area: Elbert County, Colorado, Western Part

Survey Area Data: Version 10, Dec 23, 2013

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Bresser	Sandy Foothill	1,800	1,500	1,000	Prairie sandreed	20
					Blue grama	15
					Sideoats grama	10
					Needleandthread	10
					Prairie junegrass	10
					Little bluestem	10
					Sand dropseed	5
					Western wheatgrass	5
					Sand bluestem	5
					Prairie sagewort	5
					Fendler threeawn	3
Sedge	2					