

Elbert County, Colorado, Western Part

9—Bresser-Truckton sandy loams, 8 to 25 percent slopes

Map Unit Setting

National map unit symbol: jnl8

Elevation: 5,300 to 6,400 feet

Mean annual precipitation: 14 to 17 inches

Frost-free period: 125 to 180 days

Farmland classification: Not prime farmland

Map Unit Composition

Bresser and similar soils: 45 percent

Truckton and similar soils: 35 percent

Minor components: 20 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Bresser

Setting

Landform: Hills, valley sides, ridges

Landform position (two-dimensional): Footslope, backslope

Landform position (three-dimensional): Side slope, crest

Down-slope shape: Linear

Across-slope shape: Linear

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

Typical profile

H1 - 0 to 7 inches: sandy loam

H2 - 7 to 20 inches: sandy clay loam, clay loam

H2 - 7 to 20 inches: sandy loam

H3 - 20 to 29 inches: loamy coarse sand, gravelly loamy sand, very gravelly loamy sand

H4 - 29 to 60 inches:

H4 - 29 to 60 inches:

H4 - 29 to 60 inches:

Properties and qualities

Slope: 8 to 20 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Medium

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 in profile: 10 percent

Available water storage in profile: High (about 11.0 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: Sandy Foothill (R049BY210CO)
Hydric soil rating: No

Description of Truckton

Setting

Landform: Ridges, valley sides, hills
Landform position (two-dimensional): Footslope, backslope
Landform position (three-dimensional): Side slope, crest
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium and/or arkosic residuum weathered from
sedimentary rock

Typical profile

H1 - 0 to 5 inches: sandy loam
H2 - 5 to 15 inches: sandy loam
H3 - 15 to 60 inches: sandy loam, loamy sand, loamy coarse sand
H3 - 15 to 60 inches:
H3 - 15 to 60 inches:

Properties and qualities

Slope: 8 to 25 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Low
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 storage in profile: Very high (about 13.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: Sandy Foothill (R049BY210CO)
Hydric soil rating: No

Minor Components

Ascalon

Percent of map unit: 8 percent
Hydric soil rating: No

Cushman

Percent of map unit: 7 percent
Hydric soil rating: No

Kutch

Percent of map unit: 4 percent

Hydric soil rating: No

Aquic haplustoll

Percent of map unit: 1 percent

Landform: Swales

Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Elbert County, Colorado, Western Part

Survey Area Data: Version 14, Sep 10, 2018