

Map Unit Description

Arapahoe County, Colorado

BvC Bresser-Truckton sandy loams, 3 to 5 percent slopes

Setting

Landscape: Uplands
Elevation: 4500 to 6800 feet
Mean annual precipitation: 12 to 18 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 125 to 180 days

Composition

Bresser and similar soils: 55 percent
Truckton and similar soils: 30 percent
Minor components: 15 percent

Description of Bresser

Setting

Landform: Playas, drainageways, stream terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Noncalcareous sandy alluvium and/or noncalcareous sandy eolian deposits

Properties and Qualities

Slope: 3 to 5 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.57 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 6.7 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 4e
Ecological site: Sandy Foothill (R049BY210CO)

Typical Profile

0 to 6 inches: sandy loam
6 to 26 inches: sandy clay loam, clay loam
26 to 32 inches: sandy loam, coarse sandy loam, gravelly sandy loam
32 to 60 inches: loamy coarse sand, gravelly loamy sand

Description of Truckton

Setting

Landform: Ridges
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Eolian deposits

Properties and Qualities

Slope: 3 to 5 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 6.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 6.0 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 4e
Ecological site: Sandy Foothill (R049BY210CO)

Typical Profile

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0 to 5 inches: sandy loam

5 to 20 inches: sandy loam

20 to 60 inches: sandy loam, loamy sand, loamy coarse sand

Minor Components

Nunn

Percent of map unit: 8 percent

Ascalon

Percent of map unit: 7 percent