

## Arapahoe County, Colorado

### BvE—Bresser-Truckton sandy loams, 5 to 20 percent slopes

#### Map Unit Setting

*Elevation:* 4,500 to 6,800 feet  
*Mean annual precipitation:* 12 to 18 inches  
*Mean annual air temperature:* 46 to 52 degrees F  
*Frost-free period:* 125 to 180 days

#### Map Unit Composition

*Bresser and similar soils:* 50 percent  
*Truckton and similar soils:* 35 percent  
*Minor components:* 15 percent

#### Description of Bresser

##### Setting

*Landform:* Drainageways, stream terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Noncalcareous sandy alluvium and/or  
noncalcareous sandy eolian deposits

##### Properties and qualities

*Slope:* 5 to 20 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 (0.57 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:* Very high (about 13.0 inches)

##### Interpretive groups

*Farmland classification:* Not prime farmland  
*Land capability classification (irrigated):* 6e  
*Land capability (nonirrigated):* 6e  
*Hydrologic Soil Group:* B  
*Ecological site:* Sandy Foothill (R049BY210CO)

##### Typical profile

*0 to 5 inches:* Sandy loam  
*5 to 16 inches:* Sandy clay loam, clay loam  
*16 to 28 inches:* Sandy loam, coarse sandy loam, gravelly sandy loam  
*28 to 60 inches:* Loamy coarse sand, gravelly loamy sand

## Description of Truckton

### Setting

*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Eolian deposits

### Properties and qualities

*Slope:* 5 to 20 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Capacity of the most limiting layer to transmit water (Ksat):* High (1.98 to 6.00 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water capacity:* Low (about 5.9 inches)

### Interpretive groups

*Farmland classification:* Not prime farmland  
*Land capability (nonirrigated):* 6e  
*Hydrologic Soil Group:* B  
*Ecological site:* Sandy Foothill (R049BY210CO)

### Typical profile

*0 to 5 inches:* Sandy loam  
*5 to 17 inches:* Sandy loam  
*17 to 60 inches:* Sandy loam

## Minor Components

### Ascalon

*Percent of map unit:* 10 percent

### Nunn

*Percent of map unit:* 5 percent

## Data Source Information

Soil Survey Area: Arapahoe County, Colorado  
Survey Area Data: Version 9, Dec 24, 2013