

Arapahoe County, Colorado

TrC—Truckton loamy sand, 1 to 5 percent slopes

Map Unit Setting

National map unit symbol: 34zn

Elevation: 4,500 to 6,500 feet

Mean annual precipitation: 12 to 18 inches

Mean annual air temperature: 46 to 52 degrees F

Frost-free period: 125 to 180 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Truckton and similar soils: 85 percent

Minor components: 15 percent

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

Description of Truckton

Setting

Landform: Ridges

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Eolian deposits

Typical profile

H1 - 0 to 6 inches: loamy sand

H2 - 6 to 30 inches: sandy loam

H3 - 30 to 60 inches: sandy loam

Properties and qualities

Slope: 1 to 5 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Very low

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 storage in profile: Moderate (about 6.0 inches)

Interpretive groups

Land capability classification (irrigated): 4e

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Ecological site: Sandy foothill (R049BY210CO)

Minor Components

Blakeland

Percent of map unit: 10 percent

Bresser

Percent of map unit: 5 percent

Data Source Information

Soil Survey Area: Arapahoe County, Colorado

Survey Area Data: Version 9, Dec 24, 2013