

Adams County Area, Parts of Adams and Denver Counties, Colorado

TuB—Truckton sandy loam, 1 to 3 percent slopes

Map Unit Setting

National map unit symbol: 34x0

Elevation: 4,400 to 6,000 feet

Mean annual precipitation: 13 to 15 inches

Mean annual air temperature: 48 to 52 degrees F

Frost-free period: 125 to 155 days

Farmland classification: Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60

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: Plains

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Eolian deposits derived from mixed

Typical profile

H1 - 0 to 9 inches: sandy loam

H2 - 9 to 21 inches: sandy loam

H3 - 21 to 32 inches: loamy sand

H4 - 32 to 60 inches: coarse sand

Properties and qualities

Slope: 1 to 3 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
(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: Low (about 4.7 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: A

Ecological site: Sandy Plains (R067BY024CO)

Hydric soil rating: No

Minor Components

Blakeland

Percent of map unit: 9 percent

Hydric soil rating: No

Vona

Percent of map unit: 3 percent

Hydric soil rating: No

Tryon

Percent of map unit: 2 percent

Landform: Swales

Hydric soil rating: Yes

Loup

Percent of map unit: 1 percent

Landform: Swales

Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Adams County Area, Parts of Adams and Denver Counties, Colorado

Survey Area Data: Version 14, Oct 5, 2017