

Arapahoe County, Colorado

NIB—Nunn loam, 0 to 3 percent slopes

Map Unit Setting

Elevation: 4,500 to 6,700 feet

Mean annual precipitation: 12 to 18 inches

Mean annual air temperature: 46 to 54 degrees F

Frost-free period: 115 to 180 days

Map Unit Composition

Nunn and similar soils: 85 percent

Minor components: 15 percent

Description of Nunn

Setting

Landform: Stream terraces, streams

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Eolian deposits

Typical profile

H1 - 0 to 3 inches: loam

H2 - 3 to 22 inches: clay, clay loam

H2 - 3 to 22 inches: sandy loam, fine sandy loam, sandy clay loam

H3 - 22 to 60 inches:

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Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat):

Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 15 percent

Salinity, maximum in profile: Nonsaline (0.0 to 2.0 mmhos/cm)

Available water storage in profile: Very high (about 21.7 inches)

Interpretive groups

Farmland classification: Prime farmland if irrigated

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3c

Hydrologic Soil Group: C

Ecological site: Loamy Plains (R067BY002CO)

Minor Components

Ft collins

Percent of map unit: 5 percent

Heldt

Percent of map unit: 5 percent

Beckton

Percent of map unit: 5 percent

Data Source Information

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