

Weld County, Colorado, Southern Part

26—Haverson loam, 1 to 3 percent slopes

Map Unit Setting

National map unit symbol: 3623

Elevation: 4,500 to 4,800 feet

Mean annual precipitation: 12 to 17 inches

Mean annual air temperature: 46 to 54 degrees F

Frost-free period: 125 to 180 days

Farmland classification: Prime farmland if irrigated

Map Unit Composition

Haverson and similar soils: 85 percent

Minor components: 15 percent

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

Description of Haverson

Setting

Landform: Flood plains, stream terraces

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Stratified, calcareous alluvium

Typical profile

H1 - 0 to 4 inches: loam

H2 - 4 to 60 inches: stratified loamy sand to loam to clay loam

Properties and qualities

Slope: 1 to 3 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Low

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

Moderately high to high (0.60 to 2.00 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

Gypsum, maximum in profile: 1 percent

Salinity, maximum in profile: Nonsaline to moderately saline (0.0 to 8.0 mmhos/cm)

Available water storage in profile: High (about 9.6 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 4c

Hydrologic Soil Group: B

Ecological site: Loamy Plains (R067BY002CO)

Minor Components

Vona

Percent of map unit: 5 percent

Heldt

Percent of map unit: 5 percent

Nunn

Percent of map unit: 5 percent

Data Source Information

Soil Survey Area: Weld County, Colorado, Southern Part
Survey Area Data: Version 14, Sep 22, 2015