

Weld County, Colorado, Northern Part

29—Haverson loam, 0 to 3 percent slopes

Map Unit Setting

Elevation: 3,500 to 6,000 feet
Mean annual precipitation: 12 to 17 inches
Mean annual air temperature: 46 to 54 degrees F
Frost-free period: 125 to 180 days

Map Unit Composition

Haverson and similar soils: 90 percent
Minor components: 10 percent

Description of Haverson

Setting

Landform: Flood plains, stream terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Stratified, calcareous loamy alluvium

Properties and qualities

Slope: 0 to 3 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: 15 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to slightly saline (0.0 to 8.0 mmhos/cm)
Available water capacity: High (about 9.6 inches)

Interpretive groups

Farmland classification: Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
Land capability (nonirrigated): 4c
Hydrologic Soil Group: B
Ecological site: Overflow (R067BY036CO)
Other vegetative classification: OVERFLOW (067BY036CO)

Typical profile

0 to 12 inches: Loam
12 to 60 inches: Stratified sandy loam to loam

Minor Components

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Percent of map unit: 6 percent

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Percent of map unit: 4 percent

Landform: Terraces

Data Source Information

Soil Survey Area: Weld County, Colorado, Northern Part

Survey Area Data: Version 9, Dec 23, 2013