

Weld County, Colorado, Northern Part

76—Wages fine sandy loam, 6 to 9 percent slopes

Map Unit Setting

National map unit symbol: 3612

Elevation: 3,900 to 5,600 feet

Mean annual precipitation: 15 to 19 inches

Mean annual air temperature: 46 to 52 degrees F

Frost-free period: 135 to 155 days

Farmland classification: Not prime farmland

Map Unit Composition

Wages and similar soils: 90 percent

Minor components: 10 percent

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

Description of Wages

Setting

Landform: Plains

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Calcareous loamy alluvium

Typical profile

H1 - 0 to 4 inches: fine sandy loam

H2 - 4 to 12 inches: sandy clay loam

H3 - 12 to 60 inches: loam

H4 - 60 to 64 inches: sandy loam, gravelly sandy loam

H4 - 60 to 64 inches:

Properties and qualities

Slope: 6 to 9 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Medium

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

Moderately high to high (0.20 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

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

Available water storage in profile: Moderate (about 8.6 inches)

Interpretive groups

Land capability classification (irrigated): 4e

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Ecological site: Loamy plains (R067BY002CO)

Minor Components

Kim

Percent of map unit: 5 percent

Mitchell

Percent of map unit: 5 percent

Data Source Information

Soil Survey Area: Weld County, Colorado, Northern Part

Survey Area Data: Version 9, Dec 23, 2013