Weld County, Colorado, Northern Part

75—Wages fine sandy loam, 0 to 6 percent slopes

Map Unit Setting

National map unit symbol: 3611
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: Farmland of statewide importance

Map Unit Composition

Wages and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Wages

Setting

Landform: Alluvial fans, 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 14 inches: sandy clay loam
H3 - 14 to 60 inches: loam
H4 - 60 to 64 inches: gravelly sandy loam, sandy loam
H4 - 60 to 64 inches:

Properties and qualities

Slope: 0 to 6 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 (0.20 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 to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water storage in profile: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B

Ecological site: Loamy plains (R067BY002CO)

Minor Components

Platner
Percent of map unit: 9 percent

Kim
Percent of map unit: 5 percent

Mitchell
Percent of map unit: 1 percent

Data Source Information

Soil Survey Area: Weld County, Colorado, Northern Part
Survey Area Data: Version 10, Sep 23, 2014