

## Weld County, Colorado, Southern Part

### 41—Nunn clay loam, 0 to 1 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2t1ng

*Elevation:* 4,100 to 5,700 feet

*Mean annual precipitation:* 14 to 15 inches

*Mean annual air temperature:* 48 to 52 degrees F

*Frost-free period:* 135 to 152 days

*Farmland classification:* Prime farmland if irrigated

#### Map Unit Composition

*Nunn and similar soils:* 85 percent

*Minor components:* 15 percent

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

#### Description of Nunn

##### Setting

*Landform:* Terraces

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Pleistocene aged alluvium and/or eolian deposits

##### Typical profile

*Ap - 0 to 6 inches:* clay loam

*Bt1 - 6 to 10 inches:* clay loam

*Bt2 - 10 to 26 inches:* clay loam

*Btk - 26 to 31 inches:* clay loam

*Bk1 - 31 to 47 inches:* loam

*Bk2 - 47 to 80 inches:* loam

##### Properties and qualities

*Slope:* 0 to 1 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 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:* 7 percent

*Salinity, maximum in profile:* Nonsaline (0.1 to 1.0 mmhos/cm)

*Sodium adsorption ratio, maximum in profile:* 0.5

*Available water storage in profile:* High (about 9.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3e

*Land capability classification (nonirrigated): 4e*  
*Hydrologic Soil Group: C*  
*Ecological site: Clayey Plains (R067BY042CO)*  
*Hydric soil rating: No*

### **Minor Components**

#### **Heldt**

*Percent of map unit: 10 percent*  
*Landform: Terraces*  
*Landform position (three-dimensional): Tread*  
*Down-slope shape: Linear*  
*Across-slope shape: Linear*  
*Ecological site: Clayey Plains (R067BY042CO)*  
*Hydric soil rating: No*

#### **Wages**

*Percent of map unit: 5 percent*  
*Landform: Terraces*  
*Landform position (three-dimensional): Tread*  
*Down-slope shape: Linear*  
*Across-slope shape: Linear*  
*Ecological site: Loamy Plains (R067BY002CO)*  
*Hydric soil rating: No*

## **Data Source Information**

Soil Survey Area: Weld County, Colorado, Southern Part  
Survey Area Data: Version 16, Oct 10, 2017