

## Weld County, Colorado, Southern Part

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

#### Map Unit Setting

*Elevation:* 4,550 to 5,150 feet

*Mean annual precipitation:* 12 to 18 inches

*Mean annual air temperature:* 46 to 54 degrees F

*Frost-free period:* 115 to 180 days

#### Map Unit Composition

*Nunn and similar soils:* 85 percent

*Minor components:* 15 percent

#### Description of Nunn

##### Setting

*Landform:* Terraces, plains

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian deposits

##### Typical profile

*H1 - 0 to 9 inches:* neutral, clay loam

*H2 - 9 to 29 inches:* neutral, clay loam

*H3 - 29 to 60 inches:* moderately alkaline, sandy loam

##### Properties and qualities

*Slope:* 0 to 1 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*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:* 15 percent

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

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

##### Interpretive groups

*Farmland classification:* Prime farmland if irrigated

*Land capability classification (irrigated):* 2e

*Hydrologic Soil Group:* C

*Ecological site:* Clayey Plains (R067BY042CO)

#### Minor Components

##### Heldt

*Percent of map unit:* 7 percent

##### Dacono

*Percent of map unit:* 4 percent

**Altvan**

*Percent of map unit: 4 percent*

**Data Source Information**

Soil Survey Area: Weld County, Colorado, Southern Part

Survey Area Data: Version 12, Jan 3, 2014