

## Weld County, Colorado, Northern Part

### 40—Nunn loam, 0 to 6 percent slopes

#### Map Unit Setting

*National map unit symbol:* 35zt  
*Elevation:* 4,500 to 6,700 feet  
*Mean annual precipitation:* 12 to 18 inches  
*Mean annual air temperature:* 46 to 54 degrees F  
*Frost-free period:* 115 to 180 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:* Stream terraces, plains  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Calcareous loamy alluvium

##### Typical profile

*H1 - 0 to 7 inches:* loam  
*H2 - 7 to 23 inches:* clay loam  
*H3 - 23 to 60 inches:* clay loam  
*H4 - 60 to 64 inches:* sandy clay loam

##### 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 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 to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Available water storage in profile:* Moderate (about 9.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 4c  
*Hydrologic Soil Group:* C  
*Ecological site:* Loamy plains (R067BY002CO)

### **Minor Components**

#### **Manzanola**

*Percent of map unit: 8 percent*

#### **Avar**

*Percent of map unit: 7 percent*

## **Data Source Information**

Soil Survey Area: Weld County, Colorado, Northern Part

Survey Area Data: Version 10, Sep 23, 2014