

## Weld County, Colorado, Northern Part

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

#### Map Unit Setting

*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

#### Map Unit Composition

*Nunn and similar soils:* 85 percent  
*Minor components:* 15 percent

#### Description of Nunn

##### Setting

*Landform:* Plains, stream terraces  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Calcareous loamy alluvium

##### Properties and qualities

*Slope:* 0 to 6 percent  
*Depth to restrictive feature:* More than 80 inches  
*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 content:* 15 percent  
*Maximum salinity:* Nonsaline (0.0 to 2.0 mmhos/cm)  
*Available water capacity:* Moderate (about 9.0 inches)

##### Interpretive groups

*Farmland classification:* Prime farmland if irrigated  
*Land capability (nonirrigated):* 4c  
*Hydrologic Soil Group:* C  
*Ecological site:* Loamy Plains (R067BY002CO)

##### Typical profile

*0 to 7 inches:* Loam  
*7 to 23 inches:* Clay loam  
*23 to 60 inches:* Clay loam  
*60 to 64 inches:* Sandy clay loam

#### 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 8, Apr 30, 2009