

## Weld County, Colorado, Southern Part

### 21—Dacono clay loam, 0 to 1 percent slopes

#### Map Unit Setting

*Elevation:* 4,550 to 4,970 feet  
*Mean annual precipitation:* 14 to 18 inches  
*Mean annual air temperature:* 48 to 52 degrees F  
*Frost-free period:* 140 to 160 days

#### Map Unit Composition

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

#### Description of Dacono

##### Setting

*Landform:* Terraces  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Mixed alluvium

##### Properties and qualities

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Capacity of the most limiting layer to transmit water*  
*(Ksat):* Moderately high (0.20 to 0.60 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 6.3 inches)

##### Interpretive groups

*Farmland classification:* Prime farmland if irrigated  
*Land capability classification (irrigated):* 2s  
*Land capability (nonirrigated):* 3s  
*Hydrologic Soil Group:* B  
*Ecological site:* Clayey Plains (R067BY042CO)

##### Typical profile

*0 to 12 inches:* Clay loam  
*12 to 21 inches:* Clay loam  
*21 to 27 inches:* Clay loam  
*27 to 60 inches:* Very gravelly sand

#### Minor Components

##### Heldt

*Percent of map unit:* 5 percent

**Nunn**

*Percent of map unit: 5 percent*

**Altvan**

*Percent of map unit: 5 percent*

## **Data Source Information**

Soil Survey Area: Weld County, Colorado, Southern Part

Survey Area Data: Version 12, Jan 3, 2014