

# Map Unit Description

Weld County, Colorado, Southern Part

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

### Setting

Elevation: 4550 to 4970 feet  
Mean annual precipitation: 14 to 18 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 140 to 160 days

### 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  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: Moderate (about 6.3 inches)

#### Interpretive Groups

Land capability classification (irrigated): 2s  
Land capability (non irrigated): 3s  
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