

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