

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

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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