

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

STINAR C14-28D
4N-64W
SECTION 14: NWN E

Map Unit Description

Weld County, Colorado, Southern Part

75 Vona sandy loam, 0 to 1 percent slopes

Setting

Elevation: 4650 to 4950 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 48 to 55 degrees F
Frost-free period: 130 to 160 days

Composition

Vona and similar soils: 85 percent
Minor components: 15 percent

Description of Vona

Setting

Landform: Terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium

Properties and Qualities

Slope: 0 to 1 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 6.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 6.8 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Ecological site: Sandy Plains (R067BY024CO)

Typical Profile

0 to 6 inches: sandy loam
6 to 28 inches: fine sandy loam
28 to 60 inches: sandy loam

Minor Components

Remmit

Percent of map unit: 11 percent

Olney

Percent of map unit: 4 percent