Sater C13-30 NE/4 NE/4, Sec. 14, T4N, R64W, 6th P.M., Weld County, CO.

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

Sater C13-30 NE/4 NE/4, Sec. 14, T4N, R64W, of the 6th P.M., Weld County, CO

Map Unit Description

Weld County, Colorado, Southern Part

41 Nunn clay loam, 0 to 1 percent slopes

Setting

Elevation: 4550 to 5150 feet
Mean annual precipitation: 12 to 18 inches
Mean annual air temperature: 46 to 54 degrees F
Frost-free period: 115 to 180 days

Composition

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

Description of Nunn

Setting

Landform: Plains, terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian deposits

Properties and Qualities

Slope: 0 to 1 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 9.1 inches)

Interpretive Groups

Land capability classification (irrigated): 2e
Ecological site: Clayey Plains (R067BY042CO)

Typical Profile

0 to 9 inches: clay loam
9 to 29 inches: clay loam
29 to 60 inches: sandy loam

Minor Components

Heldt

Percent of map unit: 7 percent

Dacono

Percent of map unit: 4 percent

Altvan

Percent of map unit: 4 percent

Sater C13-30 NE/4 NE/4, Sec. 14, T4N, R64W, of the 6th P.M., Weld County, CO

Map Unit Description

Weld County, Colorado, Southern Part

25 Haverson loam, 0 to 1 percent slopes

Setting

Elevation: 4500 to 4800 feet
Mean annual precipitation: 12 to 17 inches
Mean annual air temperature: 46 to 54 degrees F
Frost-free period: 125 to 180 days

Composition

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

Description of Haverson

Setting

Landform: Flood plains, stream terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Stratified, calcareous 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 or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 1 percent
Available water capacity: High (about 9.6 inches)

Interpretive Groups

Land capability classification (irrigated): 3w
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 4 inches: loam
4 to 60 inches: stratified loamy sand to loam to clay loam

Minor Components

Vona

Percent of map unit: 8 percent

Fluvaquentic haplustolls

Percent of map unit: 4 percent
Landform: Terraces

Other soils

Percent of map unit: 3 percent