

Sater C 11-23 Producers Field  
T-11W-R64W  
Sec. 14: SW/4SE/4

## 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

Sater, C14-23 Production Field  
TWIN-204W  
SCL, 14: SW/SE/4

## Map Unit Description

Weld County, Colorado, Southern Part

### 39 Nunn loam, 0 to 1 percent slopes

#### Setting

Elevation: 4550 to 5000 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: 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 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: Moderate (about 8.9 inches)

##### Interpretive Groups

Land capability classification (irrigated): 2e  
Ecological site: Loamy Plains (R067BY002CO)

##### Typical Profile

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

#### Minor Components

##### Haverson

Percent of map unit: 10 percent

##### Heldt

Percent of map unit: 5 percent