

TREBOR 611-65-1HN (NULTX)  
75N R64W 6th P.M  
Section 11: NW4SW14

## Map Unit Description

Weld County, Colorado, Southern Part

51 Otero sandy loam, 1 to 3 percent slopes

### Setting

Elevation: 4700 to 5250 feet  
Mean annual precipitation: 12 to 15 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 130 to 180 days

### Composition

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

### Description of Otero

#### Setting

Landform: Plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian deposits and/or mixed outwash

#### Properties and Qualities

Slope: 1 to 3 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.57 to 5.95 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 10 percent  
Gypsum maximum: 0 percent  
Available water capacity: Moderate (about 7.7 inches)

#### Interpretive Groups

Land capability classification (irrigated): 3e  
Land capability (non irrigated): 4e  
Ecological site: Sandy Plains (R067BY024CO)

#### Typical Profile

0 to 12 inches: sandy loam  
12 to 60 inches: fine sandy loam

### Minor Components

#### Kim

Percent of map unit: 10 percent

#### Vona

Percent of map unit: 5 percent

TREBOR B11-65-1HN (MULTI)

TSN R64W 6<sup>th</sup> P.M.

Section 11: NW/4SW/4

## 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