

Con GQ09-02
T10N-R61W, 6th PM.
Sec: 9 (NW4NE14), Weld County, CO

Map Unit Description

Weld County, Colorado, Northern Part

9 Avar fine sandy loam

Setting

Elevation: 4500 to 5500 feet
Mean annual precipitation: 11 to 14 inches
Mean annual air temperature: 46 to 48 degrees F
Frost-free period: 130 to 160 days

Composition

Avar and similar soils: 80 percent
Minor components: 20 percent

Description of Avar

Setting

Landform: Stream terraces, swales, flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous loamy alluvium

Properties and Qualities

Slope: 0 to 3 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.60 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Salinity maximum: Very slightly saline or strongly saline (4.0 to 32.0 mmhos/cm)
Sodium adsorption ratio maximum: 250.0
Available water capacity: Moderate (about 6.6 inches)

Interpretive Groups

Land capability (non irrigated): 7s
Ecological site: Salt Flat (R067XY033CO)

Typical Profile

0 to 3 inches: fine sandy loam
3 to 8 inches: clay loam
8 to 60 inches: sandy clay loam

Minor Components

Fluvaquentic haplustolls

Percent of map unit: 6 percent
Landform: Terraces

Ascalon

Percent of map unit: 5 percent

Haverson

Percent of map unit: 4 percent

Nunn

Percent of map unit: 3 percent

Bankard

Percent of map unit: 2 percent

Map Unit Description

Weld County, Colorado, Northern Part

CON GQ09-02
TION - R61W. 6th., P.M.
SEC: 9 (NWNE), WELD COUNTY

4 Ascalon fine sandy loam, 0 to 6 percent slopes

Setting

Elevation: 4500 to 6500 feet
Mean annual precipitation: 13 to 17 inches
Mean annual air temperature: 46 to 57 degrees F
Frost-free period: 130 to 160 days

Composition

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

Description of Ascalon

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous loamy alluvium

Properties and Qualities

Slope: 0 to 6 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: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 6.9 inches)

Interpretive Groups

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

Typical Profile

0 to 8 inches: fine sandy loam
8 to 22 inches: sandy clay loam
22 to 60 inches: sandy loam

Minor Components

Olney

Percent of map unit: 8 percent

Otero

Percent of map unit: 7 percent