

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