

# Map Unit Description

Yuma County, Colorado

## 21 Inavale loamy sand

### Setting

Elevation: 3500 to 4200 feet  
Mean annual precipitation: 16 to 18 inches  
Mean annual air temperature: 50 to 52 degrees F  
Frost-free period: 130 to 140 days

### Composition

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

### Description of Inavale

#### Setting

Landform: Flood plains, hills, swales  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian sands

#### Properties and Qualities

Slope: 0 to 3 percent  
Drainage class: Somewhat excessively drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.20 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 6.2 inches)

#### Interpretive Groups

Land capability classification (irrigated): 4s  
Land capability (non irrigated): 4s  
Ecological site: Sandy Meadow (R072XY029CO)

#### Typical Profile

0 to 7 inches: loamy sand  
7 to 11 inches: fine sandy loam  
11 to 16 inches: loamy sand  
16 to 52 inches: loamy fine sand  
52 to 60 inches: sandy clay loam

### Minor Components

#### Laird

Percent of map unit: 10 percent

#### Other soils

Percent of map unit: 8 percent

#### Aquic haplustolls

Percent of map unit: 2 percent  
Landform: Depressions