

# Map Unit Description

Yuma County, Colorado

## 29 Manter loamy sand

### Setting

Elevation: 4100 to 5400 feet  
Mean annual precipitation: 15 to 17 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 145 to 155 days

### Composition

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

### Description of Manter

#### Setting

Landform: Plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian sands

#### Properties and Qualities

Slope: 0 to 3 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 6.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: Moderate (about 6.5 inches)

#### Interpretive Groups

Land capability classification (irrigated): 3e  
Land capability (non irrigated): 4e  
Ecological site: Sandy Plains (R072XY023CO)

#### Typical Profile

0 to 6 inches: loamy sand  
6 to 28 inches: sandy loam  
28 to 60 inches: sandy loam

### Minor Components

#### Haxtun

Percent of map unit: 20 percent