

# Map Unit Description

Yuma County, Colorado

## 18 Haxtun loamy sand

### Setting

Elevation: 4100 to 4600 feet  
Mean annual precipitation: 15 to 17 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 145 to 150 days

### Composition

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

### Description of Haxtun

#### Setting

Landform: Valleys, swales  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian sands over older buried soil

#### Properties and Qualities

Slope: 0 to 3 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Sodium adsorption ratio maximum: 5.0  
Available water capacity: Moderate (about 8.1 inches)

#### Interpretive Groups

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

#### Typical Profile

0 to 10 inches: loamy sand  
10 to 20 inches: sandy loam  
20 to 41 inches: sandy clay loam  
41 to 60 inches: sandy loam

### Minor Components

#### Manter

Percent of map unit: 9 percent

#### Dailey

Percent of map unit: 6 percent