

# Map Unit Description

Sedgwick County, Colorado

HtB Haxtun loamy sand, 0 to 3 percent slopes

## Setting

Landscape: Uplands  
Elevation: 3200 to 4600 feet  
Mean annual precipitation: 14 to 18 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 130 to 160 days

## Composition

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

## Description of Haxtun

### Setting

Landform: Terraces  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Sandy silty eolian deposits over sand & gravel

### 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  
Available water capacity: Moderate (about 8.3 inches)

### Interpretive Groups

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

### Typical Profile

0 to 10 inches: loamy sand  
10 to 24 inches: sandy loam  
24 to 33 inches: clay loam  
33 to 60 inches: very fine sandy loam

## Minor Components

### Ascalon

Percent of map unit: 7 percent

### Julesburg

Percent of map unit: 7 percent

### Rock outcrop

Percent of map unit: 1 percent