

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