

## Washington County, Colorado

### 27—Haxtun loamy sand, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2s7wd

*Elevation:* 3,480 to 4,720 feet

*Mean annual precipitation:* 15 to 23 inches

*Mean annual air temperature:* 46 to 52 degrees F

*Frost-free period:* 130 to 160 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Haxtun and similar soils:* 90 percent

*Minor components:* 10 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Haxtun

##### Setting

*Landform:* Interdunes

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Eolian deposits

##### Typical profile

*Ap - 0 to 9 inches:* loamy sand

*Bt1 - 9 to 23 inches:* sandy clay loam

*2Bt2 - 23 to 39 inches:* clay loam

*2C - 39 to 79 inches:* loam

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately high (0.20 to 0.60 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 14 percent

*Salinity, maximum in profile:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Available water storage in profile:* Moderate (about 8.2 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3e

*Land capability classification (nonirrigated):* 3c

*Hydrologic Soil Group:* C

*Ecological site:* Sandy Plains (R067BY024CO)

*Hydric soil rating:* No

### **Minor Components**

#### **Ascalon**

*Percent of map unit:* 6 percent

*Landform:* Interdunes

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Ecological site:* Sandy Plains (R067BY024CO)

*Hydric soil rating:* No

#### **Vona**

*Percent of map unit:* 4 percent

*Landform:* Dunes

*Landform position (two-dimensional):* Footslope

*Landform position (three-dimensional):* Base slope

*Down-slope shape:* Concave

*Across-slope shape:* Linear

*Ecological site:* Sandy Plains (R067BY024CO)

*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Washington County, Colorado

Survey Area Data: Version 18, Sep 22, 2016