

Map Unit Description

Adams County Area, Parts of Adams and Denver Counties, Colorado

AsD Ascalon sandy loam, 5 to 9 percent slopes

Setting

Elevation: 4400 to 6500 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 130 to 160 days

Composition

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

Description of Ascalon

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Eolian deposits derived from mixed

Properties and Qualities

Slope: 5 to 9 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 6.9 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 4e
Ecological site: Sandy Plains (R067BY024CO)

Typical Profile

0 to 5 inches: sandy loam
5 to 16 inches: sandy loam
16 to 22 inches: sandy clay loam
22 to 60 inches: sandy loam

Minor Components

Stoneham

Percent of map unit: 10 percent

Vona

Percent of map unit: 10 percent