Map Unit Description

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

UlD Ulm loam, 5 to 9 percent slopes

Setting

Elevation: 4000 to 5600 feet
Mean annual precipitation: 12 to 14 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 125 to 155 days

Composition

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

Description of Ulm

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum weathered from sandstone and shale

Properties and Qualities

Slope: 5 to 9 percent
Depth to restrictive feature: 40 to 60 inches to Paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 8.2 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 6e
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 4 inches: loam
4 to 13 inches: silty clay
13 to 30 inches: clay
30 to 48 inches: clay loam
48 to 52 inches: unweathered bedrock

Minor Components

Shingle

Percent of map unit: 10 percent

Renohill

Percent of map unit: 8 percent

Apishapa soils

Percent of map unit: 2 percent
Landform: Swales

Map Unit Description

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

UlC Ulm loam, 3 to 5 percent slopes

Setting

Elevation: 4000 to 5600 feet
Mean annual precipitation: 12 to 14 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 125 to 155 days

Composition

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

Description of Ulm

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum weathered from sandstone and shale

Properties and Qualities

Slope: 3 to 5 percent
Depth to restrictive feature: 40 to 60 inches to Paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 8.2 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 4e
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 7 inches: loam
7 to 13 inches: silty clay
13 to 30 inches: clay
30 to 48 inches: clay loam
48 to 52 inches: unweathered bedrock

Minor Components

Renohill

Percent of map unit: 13 percent

Shingle

Percent of map unit: 5 percent

Apishapa soils

Percent of map unit: 2 percent
Landform: Swales