

# Map Unit Description

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

**UID**      **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