

Map Unit Description

Lincoln County, Colorado

154 Midway-Razor clay loams, moist, 5 to 15 percent slopes

Setting

Elevation: 4400 to 6000 feet
 Mean annual precipitation: 11 to 16 inches
 Mean annual air temperature: 46 to 52 degrees F
 Frost-free period: 135 to 155 days

Composition

Midway, moist, and similar soils: 55 percent
 Razor, moist, and similar soils: 30 percent
 Minor components: 15 percent

Description of Midway, moist

Setting

Landform: Hills
 Down-slope shape: Linear
 Across-slope shape: Linear
 Parent material: Slope alluvium derived from shale over residuum weathered from shale

Properties and Qualities

Slope: 5 to 15 percent
 Depth to restrictive feature: 6 to 20 inches to Paralithic bedrock
 Drainage class: Well drained
 Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
 Frequency of flooding: None
 Frequency of ponding: None
 Calcium carbonate maximum: 15 percent
 Gypsum maximum: 15 percent
 Salinity maximum: Non saline or slightly saline (2.0 to 8.0 mmhos/cm)
 Sodium adsorption ratio maximum: 15.0
 Available water capacity: Very low (about 2.7 inches)

Interpretive Groups

Land capability (non irrigated): 6e
 Ecological site: Shaly Plains (R067BY045CO)

Typical Profile

0 to 4 inches: clay loam
 4 to 15 inches: clay loam
 15 to 25 inches: weathered bedrock

Description of Razor, moist

Setting

Landform: Hills
 Down-slope shape: Linear
 Across-slope shape: Linear
 Parent material: Clayey slope alluvium over residuum weathered from shale

Properties and Qualities

Slope: 5 to 15 percent
 Depth to restrictive feature: 20 to 40 inches to Paralithic bedrock
 Drainage class: Well drained
 Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
 Frequency of flooding: None
 Frequency of ponding: None
 Calcium carbonate maximum: 15 percent
 Gypsum maximum: 5 percent
 Salinity maximum: Very slightly saline or slightly saline (4.0 to 8.0 mmhos/cm)
 Sodium adsorption ratio maximum: 15.0
 Available water capacity: Low (about 4.7 inches)

Interpretive Groups

Land capability (non irrigated): 6e
 Ecological site: Clayey Plains (R067BY042CO)

Map Unit Description

Lincoln County, Colorado

Typical Profile

0 to 2 inches: clay loam
2 to 21 inches: silty clay
21 to 27 inches: silty clay
27 to 37 inches: weathered bedrock

Minor Components

Fort collins soils

Percent of map unit: 4 percent
Landform: Hills
Ecological site: Loamy Plains (R067BY002CO)
Other vegetative classification: LOAMY PLAINS (067XY002CO_1)

Karval soils

Percent of map unit: 4 percent
Landform: Hills
Other vegetative classification: GRAVEL BREAKS (067XY063CO_1)

Arvada soils

Percent of map unit: 4 percent
Landform: Fans, drainageways
Other vegetative classification: Salt Flat (069AY033CO_1)

Rock outcrop

Percent of map unit: 3 percent
Landform: Scarps