

Map Unit Description

Larimer County Area, Colorado

119 Wiley silt loam, 3 to 5 percent slopes

Setting

Landscape: Uplands
Elevation: 4800 to 5600 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 48 to 50 degrees F
Frost-free period: 135 to 150 days

Composition

Wiley and similar soils: 85 percent
Minor components: 15 percent

Description of Wiley

Setting

Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Uniform eolian deposits

Properties and Qualities

Slope: 3 to 5 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: 15 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 11.4 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 4e
Ecological site: Loamy Plains (R067XY002CO)

Typical Profile

0 to 6 inches: silt loam
6 to 15 inches: silty clay loam, silt loam, clay loam
15 to 60 inches: silt loam, silty clay loam, loam

Minor Components

Keith

Percent of map unit: 10 percent

Colby

Percent of map unit: 4 percent

Aquic haplustolls

Percent of map unit: 1 percent
Landform: Swales