

Map Unit Description

Huerfano County Area, Colorado

91 Wiley-Kim loams, 2 to 9 percent slopes

Setting

Elevation: 5500 to 6200 feet
Mean annual precipitation: 12 to 15 inches
Mean annual air temperature: 50 to 54 degrees F
Frost-free period: 135 to 165 days

Composition

Wiley and similar soils: 55 percent
Kim and similar soils: 40 percent
Minor components: 5 percent

Description of Wiley

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess

Properties and Qualities

Slope: 2 to 5 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.61 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 (R069XY006CO)

Typical Profile

0 to 4 inches: loam
4 to 10 inches: silty clay loam
10 to 23 inches: silty clay loam
23 to 60 inches: silt loam

Description of Kim

Setting

Landform: Plains, ridges
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous loamy eolian deposits

Properties and Qualities

Slope: 4 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: 15 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 10.0 inches)

Interpretive Groups

Land capability (non irrigated): 6c
Ecological site: Loamy Plains (R069XY006CO)

Typical Profile

0 to 8 inches: loam
8 to 60 inches: loam

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Minor Components

Schamber

Percent of map unit: 4 percent

Travessilla

Percent of map unit: 1 percent