

Map Unit Description

Jackson County Area, Colorado

Fh Fluetsch-Tiagos association

Setting

Elevation: 8000 to 9000 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 36 to 39 degrees F
Frost-free period: 30 to 40 days

Composition

Fluetsch and similar soils: 45 percent
Tiagos and similar soils: 45 percent

Description of Fluetsch

Setting

Landform: Alluvial fans
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous alluvium derived from sandstone and shale

Properties and Qualities

Slope: 2 to 15 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.20 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 7.4 inches)

Interpretive Groups

Land capability classification (irrigated): 6e
Land capability (non irrigated): 6c
Ecological site: Valley Bench (R048AY278CO)

Typical Profile

0 to 10 inches: sandy loam
10 to 30 inches: sandy clay loam
30 to 60 inches: sandy loam

Description of Tiagos

Setting

Landform: Outwash terraces, valleys, terraces, alluvial fans
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous alluvium derived from sandstone and shale

Properties and Qualities

Slope: 2 to 20 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 7.8 inches)

Interpretive Groups

Land capability classification (irrigated): 6e
Land capability (non irrigated): 6c
Ecological site: Dry Mountain Loam (R048AY231CO)

Typical Profile

0 to 12 inches: fine sandy loam
12 to 60 inches: fine sandy loam

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