

Jackson County Area, Colorado

Fh—Fluetsch-Tiagos association

Map Unit Setting

Elevation: 8,000 to 9,000 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 36 to 39 degrees F
Frost-free period: 30 to 40 days

Map Unit Composition

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

Description of Tiagos

Setting

Landform: Outwash terraces, valleys, terraces, alluvial fans
Landform position (three-dimensional): Talf
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
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Moderate (about 7.8 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability classification (irrigated): 6e
Land capability (nonirrigated): 6c
Hydrologic Soil Group: A
Ecological site: Dry Mountain Loam (R048AY231CO)

Typical profile

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

Description of Fluetsch

Setting

Landform: Alluvial fans
Landform position (three-dimensional): Talf
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

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.20 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 10 percent

Available water capacity: Moderate (about 7.4 inches)

Interpretive groups

Farmland classification: Not prime farmland

Land capability classification (irrigated): 6e

Land capability (nonirrigated): 6c

Hydrologic Soil Group: B

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

Data Source Information

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 6, Dec 23, 2013

Tiagos	Dry Mountain Loam	1,000	750	500	Big sagebrush	30
					Muttongrass	10
					Pine needlegrass	10
					Streambank wheatgrass	10
					Yellow rabbitbrush	10
					Sheep fescue	10
					Prairie junegrass	5
					Buckwheat	3
					Bluebunch wheatgrass	3
					Spiny phlox	2
					Bottlebrush squirreltail	2