

La Plata County Area, Colorado

76—Witt loam, 3 to 8 percent slopes

Map Unit Setting

Elevation: 6,200 to 7,500 feet
Mean annual precipitation: 14 to 17 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 110 to 130 days

Map Unit Composition

Witt and similar soils: 90 percent

Description of Witt

Setting

Landform: Mesas
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous silty loess

Properties and qualities

Slope: 3 to 8 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 (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)
Available water capacity: Very high (about 25.6 inches)

Interpretive groups

Farmland classification: Prime farmland if irrigated
Land capability classification (irrigated): 4e
Land capability (nonirrigated): 4e
Hydrologic Soil Group: B
Other vegetative classification: Loamy Foothill (048AY284CO)

Typical profile

0 to 10 inches: Loam
10 to 34 inches: Clay loam, silty clay loam, loam
34 to 60 inches: Loam, silt loam

Data Source Information

Soil Survey Area: La Plata County Area, Colorado
Survey Area Data: Version 10, Mar 25, 2008