

Map Unit Description

Las Animas County Area, Colorado, Parts of Huerfano and Las Animas Counties

TmD Trujillo loam, 3 to 9 percent slopes

Setting

Landscape: Foothills
Elevation: 6800 to 8000 feet
Mean annual precipitation: 17 to 22 inches
Mean annual air temperature: 43 to 46 degrees F
Frost-free period: 70 to 100 days

Composition

Trujillo and similar soils: 90 percent

Description of Trujillo

Setting

Landform: Fans, drainageways
Landform position (two-dimensional): Foothills, toeslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy alluvium derived from sandstone

Properties and Qualities

Slope: 3 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: 3 percent
Gypsum maximum: 0 percent
Sodium adsorption ratio maximum: 2.0
Available water capacity: Moderate (about 8.3 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 4e
Ecological site: Loamy Foothill (R049XB202CO)
Other vegetative classification: Loamy Foothills #202 (049XY202CO_2)

Typical Profile

0 to 9 inches: loam
9 to 13 inches: loam
13 to 20 inches: clay loam
20 to 36 inches: sandy clay loam
36 to 58 inches: fine sandy loam
58 to 70 inches: fine sandy loam