

Huerfano County Area, Colorado

43—Manzano loam

Map Unit Setting

National map unit symbol: jnmh
Elevation: 6,200 to 7,500 feet
Mean annual precipitation: 15 to 18 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 100 to 130 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Manzano and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Manzano

Setting

Landform: Flood plains, stream terraces
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Fine-loamy alluvium

Typical profile

A - 0 to 8 inches: loam
Bw - 8 to 37 inches: loam
Bk - 37 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat):
Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Rare
Frequency of ponding: None
Calcium carbonate, maximum in profile: 15 percent
Available water storage in profile: Moderate (about 8.5 inches)

Interpretive groups

Land capability classification (irrigated): 3c
Land capability classification (nonirrigated): 4c
Hydrologic Soil Group: B
Ecological site: Loamy foothill (R049BY202CO)

Minor Components

Glenberg

Percent of map unit: 10 percent

Nunn

Percent of map unit: 5 percent

Data Source Information

Soil Survey Area: Huerfano County Area, Colorado

Survey Area Data: Version 9, Dec 30, 2013

Huerfano County Area, Colorado

Map unit symbol and soil name	Ecological site	Total dry-weight production			Characteristic vegetation	Rangeland composition
		Favorable year	Normal year	Unfavorable year		
		<i>Lb/ac</i>	<i>Lb/ac</i>	<i>Lb/ac</i>		<i>Pct</i>
43—Manzano loam						
Manzano	Loamy Foothill	1,500	1,100	400	Miscellaneous perennial grasses	20
					Western wheatgrass	15
					Blue grama	15
					Galleta	10
					Sideoats grama	10
					Black grama	5
					Sand dropseed	5
					Vine mesquite	5
					Miscellaneous perennial forbs	5