

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