

Map Unit Description

Huerfano County Area, Colorado

43 Manzano loam

Setting

Elevation: 6200 to 7500 feet
Mean annual precipitation: 15 to 18 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 100 to 130 days

Composition

Manzano and similar soils: 85 percent
Minor components: 15 percent

Description of Manzano

Setting

Landform: Flood plains, stream terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Fine-loamy alluvium

Properties and Qualities

Slope: 0 to 3 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: Rare
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 8.5 inches)

Interpretive Groups

Land capability classification (irrigated): 3c
Land capability (non irrigated): 4c
Ecological site: Loamy Foothill (R049BY202CO)

Typical Profile

0 to 8 inches: loam
8 to 37 inches: loam
37 to 60 inches: fine sandy loam

Minor Components

Glenberg

Percent of map unit: 10 percent

Nunn

Percent of map unit: 5 percent

Rangeland Productivity and Plant Composition

Huerfano County Area, Colorado

Map 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	Loamy Foothill	1,500	1,100	400	Other perennial grasses	20
					Blue grama	15
					Western wheatgrass	15
					Galleta	10
					Sideoats grama	10
					Black grama	5
					Other perennial forbs	5
					Sand dropseed	5
					Vine mesquite	5