

Jackson County Area, Colorado

Sp—Spicerton sandy loam

Map Unit Setting

National map unit symbol: jq0p
Elevation: 7,800 to 8,300 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 36 to 38 degrees F
Frost-free period: 30 to 40 days
Farmland classification: Not prime farmland

Map Unit Composition

Spicerton and similar soils: 85 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Spicerton

Setting

Landform: Drainageways, stream terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Coalmont formation alluvium derived from sedimentary rock

Typical profile

H1 - 0 to 2 inches: sandy loam
H2 - 2 to 10 inches: clay
H3 - 10 to 60 inches: clay

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Moderately well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat):
Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Calcium carbonate, maximum in profile: 15 percent
Salinity, maximum in profile: Moderately saline to strongly saline
(8.0 to 16.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 50.0
Available water storage in profile: Moderate (about 6.5 inches)

Interpretive groups

Land capability classification (irrigated): 6s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: C
Ecological site: Salt Flats (R048AY261CO)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 7, Sep 22, 2014

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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>
Sp—Spicerton sandy loam						
Spicerton	Salt Flats	900	700	500	Western wheatgrass	15
					Inland saltgrass	15
					Alkali bluegrass	10
					Nuttall's alkaligrass	10
					Bottlebrush squirreltail	10
					Big sagebrush	10
					Winterfat	5
					Indian ricegrass	5
					Greasewood	5
Mat saltbush	5					