

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 9, Sep 10, 2018