

Jackson County Area, Colorado

Ra—Randman sandy loam

Map Unit Setting

Elevation: 7,820 to 9,000 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 36 to 38 degrees F
Frost-free period: 35 to 45 days

Map Unit Composition

Randman and similar soils: 90 percent
Minor components: 5 percent

Description of Randman

Setting

Landform: Benches, terraces, terraces
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium and/or noncalcareous outwash

Properties and qualities

Slope: 1 to 4 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Capacity of the most limiting layer to transmit water
(Ksat): Moderately high to high (0.20 to 2.00 in/hr)
Depth to water table: About 0 to 6 inches
Frequency of flooding: Rare
Frequency of ponding: None
Available water capacity: Low (about 4.8 inches)

Interpretive groups

Farmland classification: Farmland of statewide importance
Land capability classification (irrigated): 6w
Land capability (nonirrigated): 6w
Hydrologic Soil Group: D

Typical profile

0 to 6 inches: Sandy loam
6 to 30 inches: Gravelly sandy clay loam
30 to 60 inches: Very gravelly sand

Minor Components

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Percent of map unit: 5 percent
Landform: Terraces

Landform position (three-dimensional): Tread

Data Source Information

Soil Survey Area: Jackson County Area, Colorado
Survey Area Data: Version 5, Jul 29, 2008