

## 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

##### Eachuston

*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