

# Map Unit Description

Sedgwick County, Colorado

## RcB Richfield loam, 0 to 3 percent slopes

### Setting

Landscape: Uplands  
Elevation: 3200 to 4600 feet  
Mean annual precipitation: 14 to 18 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 130 to 160 days

### Composition

Richfield and similar soils: 90 percent  
Minor components: 10 percent

### Description of Richfield

#### Setting

Landform: Playa lakes, ridges, rises  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Silty eolian deposits

#### Properties and Qualities

Slope: 0 to 3 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 9.8 inches)

#### Interpretive Groups

Land capability classification (irrigated): 2e  
Land capability (non irrigated): 2c  
Ecological site: Loamy Plains (R072XY001CO)

#### Typical Profile

0 to 6 inches: loam  
6 to 15 inches: clay loam  
15 to 60 inches: loam

### Minor Components

#### Kuma

Percent of map unit: 5 percent

#### Rago

Percent of map unit: 4 percent

#### Aquic haplustoll

Percent of map unit: 1 percent  
Landform: Swales