

# Map Unit Description

Phillips County, Colorado

RcB Richfield loam, 0 to 3 percent slopes

## Setting

Landscape: Uplands  
Elevation: 3600 to 4400 feet  
Mean annual precipitation: 14 to 18 inches  
Mean annual air temperature: 46 to 52 degrees F  
Frost-free period: 135 to 160 days

## Composition

Richfield and similar soils: 85 percent  
Minor components: 15 percent

## Description of Richfield

### Setting

Landform: Lakebeds  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Clay loam sandy

### Properties and Qualities

Slope: 0 to 3 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 11.0 inches)

### Interpretive Groups

Land capability classification (irrigated): 2e  
Land capability (non irrigated): 3e  
Ecological site: Loamy Plains (R072XY001CO)

### Typical Profile

0 to 6 inches: loam  
6 to 20 inches: clay loam  
20 to 60 inches: very fine sandy loam

## Minor Components

### Rago

Percent of map unit: 5 percent

### Kuma

Percent of map unit: 4 percent

### Weld

Percent of map unit: 4 percent

### Aquic haplustolls

Percent of map unit: 2 percent  
Landform: Depressions