

# Map Unit Description

Phillips County, Colorado

RcC Richfield loam, 3 to 5 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: 90 percent  
Minor components: 10 percent

## Description of Richfield

### Setting

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

### Properties and Qualities

Slope: 3 to 5 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 (non irrigated): 4e  
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

### Platner

Percent of map unit: 5 percent

### Other soils

Percent of map unit: 5 percent