

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