

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