

Walker County, Texas

39—Redco clay, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: mbbp

Elevation: 150 to 400 feet

Mean annual precipitation: 45 to 55 inches

Mean annual air temperature: 66 to 70 degrees F

Frost-free period: 240 to 265 days

Farmland classification: All areas are prime farmland

Map Unit Composition

Redco and similar soils: 80 percent

Minor components: 20 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Redco

Setting

Landform: Interfluves

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Clayey residuum weathered from shale

Typical profile

H1 - 0 to 7 inches: clay

H2 - 7 to 40 inches: clay

H3 - 40 to 72 inches: clay

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Moderately well drained

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Available water storage in profile: Moderate (about 6.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: D

Ecological site: Clayey Upland (F133BY003TX)

Hydric soil rating: No

Minor Components

Unnamed

Percent of map unit: 20 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Walker County, Texas

Survey Area Data: Version 12, Sep 19, 2016