

Map Unit Description

Weld County, Colorado, Southern Part

10 Bankard sandy loam, 0 to 3 percent slopes

Setting

Elevation: 4450 to 5000 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 95 to 160 days

Composition

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

Description of Bankard

Setting

Landform: Low sand ridges, flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Stratified, recent alluvium

Properties and Qualities

Slope: 0 to 3 percent
Drainage class: Somewhat excessively drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 4.5 inches)

Interpretive Groups

Land capability classification (irrigated): 4w
Land capability (non irrigated): 4w
Ecological site: Sandy Bottomland (R067BY031CO)

Typical Profile

0 to 4 inches: sandy loam
4 to 60 inches: stratified gravelly sand to loam

Minor Components

Mollic fluvaquents

Percent of map unit: 9 percent
Landform: Terraces

Blakeland

Percent of map unit: 6 percent