Five Rivers BB 30-17 Tank
T5N, R63W, 6th PM
Section 30: SENW

Map Unit Description

Weld County, Colorado, Southern Part

68 Ustic Torriorthents, moderately steep

Setting

Elevation: 4450 to 5100 feet
Mean annual precipitation: 10 to 16 inches
Mean annual air temperature: 46 to 54 degrees F
Frost-free period: 120 to 160 days

Composition

Ustic torriorthents and similar soils: 85 percent
Minor components: 15 percent

Description of Ustic torriorthents

Setting

Landform: Escarpments, breaks
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Gravelly alluvium

Properties and Qualities

Slope: 9 to 15 percent
Drainage class: Excessively drained
Capacity of the most limiting layer to transmit water (Ksat): High or very high (5.95 to 19.98 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 5 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 1.8 inches)

Interpretive Groups

Land capability (non irrigated): 7s

Typical Profile

0 to 10 inches: gravelly sand
10 to 60 inches: gravelly sand

Minor Components

Columbo
Percent of map unit: 10 percent

Eckley
Percent of map unit: 3 percent

Otero
Percent of map unit: 2 percent

Five Rivers BB30-9 Tank
T5N, R63W, 6th PM
Section 30: SENW

Map Unit Description

Weld County, Colorado, Southern Part

21 Dacono clay loam, 0 to 1 percent slopes

Setting

Elevation: 4550 to 4970 feet
Mean annual precipitation: 14 to 18 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 140 to 160 days

Composition

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

Description of Dacono

Setting

Landform: Terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed alluvium

Properties and Qualities

Slope: 0 to 1 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: Moderate (about 6.3 inches)

Interpretive Groups

Land capability classification (irrigated): 2s
Land capability (non irrigated): 3s
Ecological site: Clayey Plains (R067BY042CO)

Typical Profile

0 to 12 inches: clay loam
12 to 21 inches: clay loam
21 to 27 inches: clay loam
27 to 60 inches: very gravelly sand

Minor Components

Heldt

Percent of map unit: 5 percent

Nunn

Percent of map unit: 5 percent

Altvan

Percent of map unit: 5 percent

Five Rivers BB30-19 Tank
T5N, R63W, 6th PM
Section 30: SENW

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