Marie D04-72-1HN
Marie D04-73-1HN
Marie D04-74-1HN
T3N - R64W - 6th pm.
Sec. 4: SWSE
Weld County, CO

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

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Map Unit Description

Weld County, Colorado, Southern Part

19 Colombo clay loam, 0 to 1 percent slopes

Setting

Elevation: 4600 to 4780 feet
Mean annual precipitation: 12 to 16 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 130 to 160 days

Composition

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

Description of Colombo

Setting

Landform: Terraces, flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Stratified, calcareous 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: 10 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 9.4 inches)

Interpretive Groups

Land capability classification (irrigated): 1
Land capability (non irrigated): 3e
Ecological site: Clayey Plains (R067BY042CO)

Typical Profile

0 to 14 inches: clay loam
14 to 21 inches: stratified loam to clay loam
21 to 60 inches: stratified sand to loam to clay loam

Minor Components

Nunn
Percent of map unit: 5 percent

Heldt
Percent of map unit: 5 percent

Dacono
Percent of map unit: 5 percent

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Map Unit Description

Weld County, Colorado, Southern Part

25 Haverson loam, 0 to 1 percent slopes

Setting

Elevation: 4500 to 4800 feet
Mean annual precipitation: 12 to 17 inches
Mean annual air temperature: 46 to 54 degrees F
Frost-free period: 125 to 180 days

Composition

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

Description of Haverson

Setting

Landform: Flood plains, stream terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Stratified, calcareous 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 or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 1 percent
Available water capacity: High (about 9.6 inches)

Interpretive Groups

Land capability classification (irrigated): 3w
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 4 inches: loam
4 to 60 inches: stratified loamy sand to loam to clay loam

Minor Components

Vona

Percent of map unit: 8 percent

Fluvaquentic haplustolls

Percent of map unit: 4 percent
Landform: Terraces

Other soils

Percent of map unit: 3 percent