

(prod facility) Northrup CO8-27D
Northrup CO8-73HN
Northrup CO8-75HN

Map Unit Description

Weld County, Colorado, Southern Part

T4N - R24W - 6th P.M.
Section 8: NWNE
Weld County, CO

56

Renohill clay loam, 0 to 3 percent slopes

Setting

Elevation: 4850 to 5200 feet
Mean annual precipitation: 11 to 16 inches
Mean annual air temperature: 46 to 48 degrees F
Frost-free period: 100 to 160 days

Composition

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

Description of Renohill

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum weathered from shale

Properties and Qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to Paralithic bedrock
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: 5 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 5.6 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 4e
Ecological site: Clayey Plains (R067BY042CO)

Typical Profile

0 to 9 inches: clay loam
9 to 32 inches: clay loam
32 to 36 inches: unweathered bedrock

Minor Components

Ulm

Percent of map unit: 10 percent

Shingle

Percent of map unit: 5 percent

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Map Unit Description

Weld County, Colorado, Southern Part

T4N - R64W - 6th P.M.
Section 8: NWNE
Weld County, CO

62

Terry fine sandy loam, 0 to 3 percent slopes

Setting

Elevation: 4500 to 5000 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 46 to 48 degrees F
Frost-free period: 120 to 180 days

Composition

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

Description of Terry

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum weathered from sandstone

Properties and Qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to Paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or high (0.06 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 4.4 inches)

Interpretive Groups

Land capability classification (irrigated): 4s
Land capability (non irrigated): 4e
Ecological site: Sandy Plains (R067BY024CO)

Typical Profile

0 to 6 inches: fine sandy loam
6 to 18 inches: fine sandy loam
18 to 37 inches: fine sandy loam
37 to 41 inches: weathered bedrock

Minor Components

Olney

Percent of map unit: 11 percent

Tassel

Percent of map unit: 4 percent