

SHABLE FEDERAL LB29-62HN

map Unit Description

Weld County, Colorado, Northern Part

41 Nunn clay loam, 0 to 6 percent slopes

Setting

Elevation: 4500 to 6700 feet
Mean annual precipitation: 12 to 18 inches
Mean annual air temperature: 46 to 54 degrees F
Frost-free period: 115 to 180 days

Composition

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

Description of Nunn

Setting

Landform: Stream terraces, plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous loamy alluvium

Properties and Qualities

Slope: 0 to 6 percent
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: 15 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 9.2 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 4e
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 8 inches: clay loam
8 to 22 inches: clay loam
22 to 60 inches: clay loam

Minor Components

Avar

Percent of map unit: 8 percent

Manzanola

Percent of map unit: 7 percent

SHABLE FEDERAL LB29-62HN
SHABLE FEDERAL LB33-78HN
SHABLE LB32-68HN

T9N - R60W - 6th P.M.
Section 33 : NW/4 NW/4
Weld County, CO

Map Unit Description

Weld County, Colorado, Northern Part

SHABLE FEDERAL LB29-62HN
 SHABLE FEDERAL LB33-78HN
 SHABLE LB 32-68HN

61 Stoneham fine sandy loam, 0 to 6 percent slopes

Setting

Elevation: 4000 to 6500 feet
 Mean annual precipitation: 12 to 16 inches
 Mean annual air temperature: 48 to 52 degrees F
 Frost-free period: 130 to 170 days

Composition

Stoneham and similar soils: 90 percent
 Minor components: 10 percent

Description of Stoneham

Setting

Landform: Alluvial fans, plains
 Down-slope shape: Linear
 Across-slope shape: Linear
 Parent material: Calcareous loamy alluvium

Properties and Qualities

Slope: 0 to 6 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: 0 percent
 Available water capacity: Moderate (about 6.7 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
 Land capability (non irrigated): 4e
 Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 5 inches: fine sandy loam
 5 to 8 inches: clay loam
 8 to 14 inches: loam
 14 to 60 inches: sandy loam, gravelly sandy loam

Minor Components

Mitchell

Percent of map unit: 5 percent

Kim

Percent of map unit: 5 percent

T9N-R60W-6th P.M.
 Section 33: NW/4 NW/4
 Weld County, CO