

DINNER PC E14-65HN
(PROD. FACILITY)

T6N - R65W - 6th P.M.
SECTION 14 : SW₁₄SW₁₄
WELD COUNTY, CO

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

DINNER PCEK-65HN
(PROD. FACILITY)

T6N - R65W - 6th P.M.
SECTION 14: SW₄SW₄
WELD COUNTY, CO

Map Unit Description

Weld County, Colorado, Southern Part

73

Vona loamy sand, 3 to 5 percent slopes

Setting

Elevation: 4600 to 5200 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 48 to 55 degrees F
Frost-free period: 130 to 160 days

Composition

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

Description of Vona

Setting

Landform: Terraces, plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Properties and Qualities

Slope: 3 to 5 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 6.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 6.5 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 4e
Ecological site: Sandy Plains (R067BY024CO)

Typical Profile

0 to 6 inches: loamy sand
6 to 28 inches: fine sandy loam
28 to 60 inches: sandy loam

Minor Components

Remmit

Percent of map unit: 8 percent

Valent

Percent of map unit: 7 percent