Map Unit Description

Weld County, Colorado, Southern Part

FACILITY NAME:

69 Valent sand, 0 to 3 percent slopes

Setting DECHANT STATE H36-11, 20D, 21D, 32D
SPIKE STATE H36-12 (EXISTING)

Elevation: 4650 to 5100 feet
Mean annual precipitation: 13 to 19 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 130 to 180 days

Composition SPIKE STATE GWS H36-11J, 13, 14 (EXISTING)

LEGAL: T3N R65W SEC. 36 SE/4SW/4

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

Description of Valent

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Eolian deposits

Properties and Qualities

Slope: 0 to 3 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: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 2.6 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 6e
Ecological site: Deep Sand (R067BY015CO)

Typical Profile

0 to 8 inches: fine sand
8 to 60 inches: sand

Minor Components

Osgood

Percent of map unit: 10 percent