

44—Happle very channery sandy loam, 3 to 12 percent slopes

Map Unit Setting

Elevation: 5,200 to 6,000 feet
Mean annual precipitation: 12 to 15 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 100 to 150 days

Map Unit Composition

Happle and similar soils: 80 percent

Description of Happle

Setting

Landform: Alluvial fans
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Green river formation alluvium derived from shale

Properties and qualities

Slope: 3 to 12 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 2.0)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 10 percent
Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)
Available water capacity: Low (about 3.4 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability (nonirrigated): 4e
Hydrologic Soil Group: B
Ecological site: Rolling Loam (R034XY298C0)

Typical profile

0 to 7 inches: Very channery sandy loam
7 to 14 inches: Very channery sandy loam
14 to 32 inches: Very channery sandy clay loam
32 to 60 inches: Extremely channery sandy loam

		Rolling Loam				
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	Happle	Rolling Loam	1,000	800	500	Western wheatgrass Wyoming big sagebrush Sandberg bluegrass Bottlebrush squirreltail Yellow rabbitbrush Prairie junegrass Needleandthread Miscellaneous perennial forbs Indian ricegrass
	45—Happle very					