

Map Unit Description

Grand Mesa - West Elk Area, Colorado, Parts of Delta, Garfield, Gunnison, Mesa, and Montrose Counties

195 Weed-Herm complex, 0 to 25 percent slopes

Setting

Elevation: 6800 to 9500 feet
Mean annual precipitation: 14 to 24 inches
Mean annual air temperature: 39 to 44 degrees F
Frost-free period: 75 to 100 days

Composition

Weed and similar soils: 50 percent
Herm and similar soils: 30 percent

Description of Weed

Setting

Landform: Toes, valley floors, alluvial fans
Parent material: Interbedded alluvium derived from sandstone and shale and/or interbedded residuum weathered from sandstone and shale

Properties and Qualities

Slope: 0 to 25 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
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 10.1 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Mountain Loam (R048AY228CO)

Typical Profile

0 to 13 inches: loam
13 to 30 inches: clay loam
30 to 60 inches: loam

Description of Herm

Properties and Qualities

Slope: 0 to 25 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
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 8.8 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Mountain Clay Loam (R048AY248CO)

Typical Profile

0 to 9 inches: clay loam
9 to 60 inches: clay