

Map Unit Description

Moffat County Area, Colorado

186 Talamantes loam, 0 to 6 percent slopes

Setting

Elevation: 6200 to 7200 feet
Mean annual precipitation: 9 to 11 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 75 to 95 days

Composition

Talamantes and similar soils: 85 percent

Description of Talamantes

Setting

Landform: Hills, alluvial fans
Landform position (two-dimensional): Toeslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from sedimentary rocks

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 (0.20 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 5 percent
Gypsum maximum: 1 percent
Sodium adsorption ratio maximum: 4.0
Available water capacity: High (about 10.4 inches)

Interpretive Groups

Land capability (non irrigated): 6c
Ecological site: Silty Swale (R034XY433CO)

Typical Profile

0 to 3 inches: loam
3 to 48 inches: loam
48 to 60 inches: sandy loam