

Map Unit Description

Morgan County, Colorado

TaE Tassel-Terry fine sandy loams, 5 to 20 percent slopes

Setting

Landscape: Uplands
Elevation: 3500 to 6500 feet
Mean annual precipitation: 12 to 19 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 110 to 180 days

Composition

Tassel and similar soils: 70 percent
Terry and similar soils: 20 percent
Minor components: 10 percent

Description of Tassel

Setting

Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Limy sandy sandstone over fine lenses of silty shale

Properties and Qualities

Slope: 5 to 20 percent
Depth to restrictive feature: 10 to 20 inches to Paralithic bedrock
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
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 1.9 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Sandstone Breaks (R067BY056CO)

Typical Profile

0 to 8 inches: fine sandy loam
8 to 14 inches: fine sandy loam
14 to 18 inches: weathered bedrock

Description of Terry

Setting

Landform: Hills
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from calcareous sandstone

Properties and Qualities

Slope: 5 to 7 percent
Depth to restrictive feature: 20 to 40 inches to Paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or high (0.06 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 3.0 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Sandy Plains (R067BY024CO)

Typical Profile

0 to 6 inches: fine sandy loam
6 to 13 inches: fine sandy loam

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13 to 25 inches: fine sandy loam
25 to 29 inches: weathered bedrock

Minor Components

Shingle

Percent of map unit: 5 percent

Other soils

Percent of map unit: 5 percent