

Rio Blanco County Area, Colorado

41—Havre loam, 0 to 4 percent slopes

Map Unit Setting

National map unit symbol: jp50

Elevation: 5,800 to 7,200 feet

Mean annual precipitation: 14 to 17 inches

Mean annual air temperature: 42 to 45 degrees F

Frost-free period: 80 to 105 days

Farmland classification: Prime farmland if irrigated

Map Unit Composition

Havre and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Havre

Setting

Landform: Stream terraces, flood plains

Landform position (three-dimensional): Talf, rise, dip

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Calcareous alluvium

Typical profile

H1 - 0 to 21 inches: loam

H2 - 21 to 60 inches: stratified fine sandy loam to clay loam

Properties and qualities

Slope: 0 to 4 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat):

Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: Rare

Frequency of ponding: None

Calcium carbonate, maximum in profile: 5 percent

Salinity, maximum in profile: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

Available water storage in profile: High (about 10.0 inches)

Interpretive groups

Land capability classification (irrigated): 2e

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: B

Ecological site: Foothill Swale (R048AY285CO)

Hydric soil rating: No

Minor Components

Other soils

Percent of map unit: 10 percent

Hydric soil rating: No

Hagga

Percent of map unit: 5 percent

Landform: Swales

Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Rio Blanco County Area, Colorado

Survey Area Data: Version 13, Sep 10, 2018

Rio Blanco County Area, Colorado

6—Barcus channery loamy sand, 2 to 8 percent slopes

Map Unit Setting

National map unit symbol: jp5n

Elevation: 5,800 to 6,800 feet

Mean annual precipitation: 14 to 16 inches

Mean annual air temperature: 42 to 44 degrees F

Frost-free period: 80 to 105 days

Farmland classification: Not prime farmland

Map Unit Composition

Barcus and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Barcus

Setting

Landform: Valleys, alluvial fans

Landform position (three-dimensional): Talf

Down-slope shape: Linear, concave

Across-slope shape: Linear

Parent material: Calcareous alluvium derived from sandstone and shale

Typical profile

H1 - 0 to 6 inches: channery loamy sand

H2 - 6 to 16 inches: channery sand

H3 - 16 to 60 inches: stratified very channery sand to very channery loamy fine sand

Properties and qualities

Slope: 2 to 8 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Somewhat excessively drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): High to very high (6.00 to 20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: Rare

Frequency of ponding: None

Calcium carbonate, maximum in profile: 10 percent

Available water storage in profile: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: A

Ecological site: Foothill Swale (R048AY285CO)

Hydric soil rating: No

Minor Components

Other soils

Percent of map unit: 15 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Rio Blanco County Area, Colorado

Survey Area Data: Version 13, Sep 10, 2018