

Rio Blanco County Area, Colorado

40—Hagga loam

Map Unit Setting

National map unit symbol: jp4z

Elevation: 5,800 to 7,200 feet

Mean annual precipitation: 15 to 16 inches

Mean annual air temperature: 43 to 45 degrees F

Frost-free period: 85 to 105 days

Farmland classification: Not prime farmland

Map Unit Composition

Hagga and similar soils: 85 percent

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

Description of Hagga

Setting

Landform: Flood plains, valley floors

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

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Alluvium derived from sandstone and shale

Typical profile

H1 - 0 to 5 inches: loam

H2 - 5 to 60 inches: stratified silty clay loam to loamy fine sand

Properties and qualities

Slope: 0 to 5 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Poorly drained

Runoff class: Very high

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

Moderately high (0.20 to 0.60 in/hr)

Depth to water table: About 12 to 24 inches

Frequency of flooding: Rare

Frequency of ponding: None

Calcium carbonate, maximum in profile: 15 percent

Gypsum, maximum in profile: 1 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (2.0 to 4.0 mmhos/cm)

Available water storage in profile: High (about 9.6 inches)

Interpretive groups

Land capability classification (irrigated): 4w

Land capability classification (nonirrigated): 5w

Hydrologic Soil Group: C/D

Ecological site: Swale meadow (R048AY243CO)

Data Source Information

Soil Survey Area: Rio Blanco County Area, Colorado
Survey Area Data: Version 10, Sep 22, 2014