

## Larimer County Area, Colorado

### 119—Wiley silt loam, 3 to 5 percent slopes

#### Map Unit Setting

- *National map unit symbol:* jpvf
- *Elevation:* 4,800 to 5,600 feet
- *Mean annual precipitation:* 13 to 15 inches
- *Mean annual air temperature:* 48 to 50 degrees F
- *Frost-free period:* 135 to 150 days
- *Farmland classification:* Prime farmland if irrigated

#### Map Unit Composition

- *Wiley and similar soils:* 85 percent
- *Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Wiley

##### Setting

- *Landform position (three-dimensional):* Side slope
- *Down-slope shape:* Linear
- *Across-slope shape:* Linear
- *Parent material:* Uniform eolian deposits

##### Typical profile

- *H1 - 0 to 6 inches:* silt loam
- *H2 - 6 to 15 inches:* clay loam, silty clay loam, silt loam
- *H2 - 6 to 15 inches:* loam, silt loam, silty clay loam
- *H2 - 6 to 15 inches:*
- *H3 - 15 to 60 inches:*
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- *H3 - 15 to 60 inches:*

##### Properties and qualities

- *Slope:* 3 to 5 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:* None
- *Frequency of ponding:* None
- *Calcium carbonate, maximum in profile:* 15 percent
- *Salinity, maximum in profile:* Nonsaline (0.0 to 2.0 mmhos/cm)
- *Available water storage in profile:* Very high (about 32.1 inches)

##### Interpretive groups

- *Land capability classification (irrigated):* 3e
- *Land capability classification (nonirrigated):* 4e
- *Hydrologic Soil Group:* B
- *Ecological site:* Loamy plains (R067XY002CO)