

## Adams County Area, Parts of Adams and Denver Counties, Colorado

### PIC—Platner loam, 3 to 5 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2tlmz  
*Elevation:* 3,580 to 5,600 feet  
*Mean annual precipitation:* 13 to 19 inches  
*Mean annual air temperature:* 46 to 52 degrees F  
*Frost-free period:* 140 to 165 days  
*Farmland classification:* Prime farmland if irrigated

#### Map Unit Composition

*Platner and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Platner

##### Setting

*Landform:* Interfluves  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Interfluve  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Mixed eolian deposits over calcareous tertiary alluvium

##### Typical profile

*Ap - 0 to 6 inches:* loam  
*Bt1 - 6 to 11 inches:* clay  
*Bt2 - 11 to 20 inches:* clay  
*Bk1 - 20 to 27 inches:* clay loam  
*Bk2 - 27 to 37 inches:* sandy clay loam  
*C - 37 to 80 inches:* sandy loam

##### Properties and qualities

*Slope:* 3 to 5 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low to moderately high (0.06 to 0.20 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 15 percent  
*Maximum salinity:* Nonsaline (0.1 to 1.0 mmhos/cm)

*Available water supply, 0 to 60 inches: Moderate (about 7.9 inches)*

**Interpretive groups**

*Land capability classification (irrigated): 4e*

*Land capability classification (nonirrigated): 4e*

*Hydrologic Soil Group: C*

*Ecological site: R067BY002CO - Loamy Plains*

*Hydric soil rating: No*

**Minor Components**

**Wages**

*Percent of map unit: 10 percent*

*Landform: Interfluves*

*Landform position (two-dimensional): Summit*

*Down-slope shape: Linear*

*Across-slope shape: Linear*

*Ecological site: R067BY002CO - Loamy Plains*

*Hydric soil rating: No*

**Stoneham**

*Percent of map unit: 5 percent*

*Landform: Interfluves*

*Landform position (two-dimensional): Summit*

*Landform position (three-dimensional): Interfluve*

*Down-slope shape: Linear*

*Across-slope shape: Linear*

*Ecological site: R067BY002CO - Loamy Plains*

*Hydric soil rating: No*

**Data Source Information**

Soil Survey Area: Adams County Area, Parts of Adams and Denver Counties, Colorado

Survey Area Data: Version 17, Jun 4, 2020