

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

### DaA—Dacono loam, 0 to 1 percent slopes

#### Map Unit Setting

*National map unit symbol:* 34vw  
*Elevation:* 3,500 to 5,500 feet  
*Mean annual precipitation:* 13 to 15 inches  
*Mean annual air temperature:* 48 to 52 degrees F  
*Frost-free period:* 135 to 160 days  
*Farmland classification:* Prime farmland if irrigated

#### Map Unit Composition

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

#### Description of Dacono

##### Setting

*Landform:* Terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Alluvium derived from mixed

##### Typical profile

*H1 - 0 to 9 inches:* loam  
*H2 - 9 to 17 inches:* clay  
*H3 - 17 to 26 inches:* sandy clay loam  
*H4 - 26 to 35 inches:* loamy coarse sand  
*H5 - 35 to 60 inches:* gravelly sand

##### Properties and qualities

*Slope:* 0 to 1 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 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 in profile:* 15 percent  
*Salinity, maximum in profile:* Nonsaline (0.0 to 2.0 mmhos/cm)  
*Available water storage in profile:* Low (about 5.9 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3s  
*Land capability classification (nonirrigated):* 4c

*Hydrologic Soil Group: C*  
*Ecological site: Clayey plains (R067BY042CO)*

**Minor Components**

**Satanta**

*Percent of map unit: 10 percent*  
*Landform: Paleoterraces*

**Altvan**

*Percent of map unit: 5 percent*

**Data Source Information**

Soil Survey Area: Adams County Area, Parts of Adams and Denver Counties,  
Colorado  
Survey Area Data: Version 11, Sep 23, 2014

DaA—Dacono loam, 0 to 1 percent slopes						
Dacono	Clayey Plains	1,600	1,000	500	Fourwing saltbush	—
					Blue grama	—
					Alkali sacaton	—
					Western wheatgrass	—
					Broom snakeweed	—