

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

NIA—Nunn loam, 0 to 1 percent slopes

Map Unit Setting

Elevation: 4,200 to 5,600 feet

Mean annual precipitation: 13 to 15 inches

Mean annual air temperature: 48 to 52 degrees F

Frost-free period: 120 to 155 days

Map Unit Composition

Nunn and similar soils: 80 percent

Minor components: 20 percent

Description of Nunn

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 23 inches: clay

H3 - 23 to 60 inches: silt loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

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: 10 percent

Salinity, maximum in profile: Nonsaline (0.0 to 2.0 mmhos/cm)

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

Interpretive groups

Farmland classification: Prime farmland if irrigated

Land capability classification (irrigated): 1

Land capability classification (nonirrigated): 3c

Hydrologic Soil Group: C

Ecological site: Loamy Plains (R067BY002CO)

Minor Components

Dacono

Percent of map unit: 10 percent

Satanta

Percent of map unit: 10 percent

Landform: Paleoterraces

Data Source Information

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

Survey Area Data: Version 10, Dec 24, 2013

Map Unit Symbol & Soil Name	Ecological Site	Total dry-weight production			Characteristic Vegetation	Rangeland Comp.
NIA—Nunn loam, 0 to 1 percent slopes		Favorable Yr. Lb/ac	Normal Yr. Lb/ac	Unfavorable Yr. Lb/ac		Pct.
Nunn	Loamy Plains	1,600	1,100	600	Western wheatgrass	25
					Green needlegrass	10
					Bottlebrush squirreltail	5
					Needleandthread	5
					Blue grama	—