

## Map Unit Description

Weld County, Colorado, Southern Part

### 19 Colombo clay loam, 0 to 1 percent slopes

#### Setting

Elevation: 4600 to 4780 feet  
Mean annual precipitation: 12 to 16 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 130 to 160 days

#### Composition

Colombo and similar soils: 85 percent  
Minor components: 15 percent

#### Description of Colombo

##### Setting

Landform: Terraces, flood plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Stratified, calcareous alluvium

##### Properties and Qualities

Slope: 0 to 1 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 10 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 9.4 inches)

##### Interpretive Groups

Land capability classification (irrigated): 1  
Land capability (non irrigated): 3e  
Ecological site: Clayey Plains (R067BY042CO)

##### Typical Profile

0 to 14 inches: clay loam  
14 to 21 inches: stratified loam to clay loam  
21 to 60 inches: stratified sand to loam to clay loam

#### Minor Components

##### Nunn

Percent of map unit: 5 percent

##### Heldt

Percent of map unit: 5 percent

##### Dacono

Percent of map unit: 5 percent