

## Map Unit Description

El Paso County Area, Colorado

### 30 Fort Collins loam, 0 to 3 percent slopes

#### Setting

Landscape: Uplands  
Elevation: 5200 to 6500 feet  
Mean annual precipitation: 14 to 16 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 135 to 155 days

#### Composition

Fort collins and similar soils: 85 percent

#### Description of Fort collins

##### Setting

Landform: Flats  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Loamy alluvium

##### Properties and Qualities

Slope: 0 to 3 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.57 to 2.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 10.1 inches)

##### Interpretive Groups

Land capability classification (irrigated): 2e  
Land capability (non irrigated): 4e  
Ecological site: Loamy Plains (R069XY006CO)  
Other vegetative classification: LOAMY PLAINS (069AY006CO)

##### Typical Profile

0 to 9 inches: loam  
9 to 16 inches: clay loam  
16 to 21 inches: clay loam  
21 to 60 inches: loam

#### Other soils

Percent of map unit: percent

#### Pleasant

Percent of map unit: percent  
Landform: Depressions