

## Solano County, California

### DbE—Dibble-Los Osos loams, 9 to 30 percent slopes

#### Map Unit Setting

*Elevation:* 100 to 2,000 feet

*Mean annual precipitation:* 20 to 30 inches

*Mean annual air temperature:* 57 to 61 degrees F

*Frost-free period:* 225 to 260 days

#### Map Unit Composition

*Dibble and similar soils:* 60 percent

*Los osos and similar soils:* 30 percent

*Minor components:* 10 percent

#### Description of Dibble

##### Setting

*Landform:* Mountains

*Landform position (two-dimensional):* Summit

*Landform position (three-dimensional):* Center third of mountainflank

*Down-slope shape:* Convex

*Across-slope shape:* Convex

*Parent material:* Residuum weathered from sandstone

##### Properties and qualities

*Slope:* 9 to 30 percent

*Depth to restrictive feature:* 20 to 40 inches to paralithic bedrock

*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

*Available water capacity:* Low (about 4.7 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 6e

*Land capability (nonirrigated):* 6e

*Ecological site:* Fine Loamy 9-13" p.z. (R015XE020CA)

##### Typical profile

*0 to 13 inches:* Loam

*13 to 30 inches:* Clay loam

*30 to 34 inches:* Weathered bedrock

#### Description of Los Osos

##### Setting

*Landform:* Mountains

*Landform position (two-dimensional):* Backslope

*Landform position (three-dimensional):* Center third of mountainflank

*Down-slope shape:* Concave

*Across-slope shape:* Concave

*Parent material:* Residuum weathered from sedimentary rock

**Properties and qualities**

*Slope:* 9 to 30 percent

*Depth to restrictive feature:* 20 to 40 inches to paralithic bedrock

*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

*Available water capacity:* Low (about 4.0 inches)

**Interpretive groups**

*Land capability classification (irrigated):* 4e

*Land capability (nonirrigated):* 4e

*Ecological site:* Fine Loamy 9-13" p.z. (R015XE020CA)

**Typical profile**

*0 to 7 inches:* Loam

*7 to 25 inches:* Clay

*25 to 29 inches:* Weathered bedrock

**Minor Components**

**Millsholm**

*Percent of map unit:* 10 percent

**Data Source Information**

Soil Survey Area: Solano County, California

Survey Area Data: Version 5, Dec 12, 2007