Yolo County, California

Sc—Sacramento clay

Map Unit Setting

Elevation: -10 to 60 feet

Mean annual precipitation: 17 inches Mean annual air temperature: 61 degrees F

Frost-free period: 275 days

Map Unit Composition

Sacramento and similar soils: 85 percent

Minor components: 15 percent

Description of Sacramento

Setting

Landform: Basin floors

Landform position (two-dimensional): Toeslope Landform position (three-dimensional): Talf

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Mixed clayey alluvium

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly 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: About 36 to 60 inches

Frequency of flooding: None Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 5.0

Available water capacity: Moderate (about 7.1 inches)

Interpretive groups

Farmland classification: Prime farmland if irrigated and drained

Land capability classification (irrigated): 2w

Land capability (nonirrigated): 4w

Hydrologic Soil Group: D

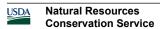
Typical profile

0 to 16 inches: Clay 16 to 53 inches: Clay 53 to 60 inches: Clay

Minor Components

Sycamore

Percent of map unit: 3 percent Landform: Alluvial fans



Clear lake

Percent of map unit: 3 percent Landform: Basin floors

Merritt

Percent of map unit: 3 percent Landform: Alluvial fans

Omni

Percent of map unit: 3 percent Landform: Basin floors

Willows

Percent of map unit: 3 percent Landform: Basin floors

Data Source Information

Soil Survey Area: Yolo County, California Survey Area Data: Version 7, Dec 12, 2007