

**California Department of Conservation
FARMLAND MAPPING AND MONITORING PROGRAM**

2008 FIELD REPORT

COUNTY: Sutter

FIELD MAPPER(S): Troy Dick

IMAGE DATA USED:

Source	Digital Globe Inc.
Acquisition date	September, 2008
Data description	1 foot resolution, true color mosaic
Coverage gaps	None
Additional imagery used	Google Maps

WRITTEN, DIGITAL & ORAL INFORMATION SOURCES:

The following entities and individuals provided information used to conduct 2008 mapping.

Local Review Comments (submitted by cities, counties, & others on 2006 maps)
Personal Contacts
Websites Used for Reference HomeFinder.com http://www.homefinder.com Yuba City Unified School District http://www.ycusd.k12.ca.us/ http://www.ycusd.k12.ca.us/Riverbend/
GIS Data Used for Reference

2006-2008 CHANGE SUMMARY:

Changes made during the map update are summarized by type and location. Particular attention is paid to large or unusual changes and their estimated acreages. Please note that land use type, size of land use unit, soil quality, and Farmland of Local Importance definition (if any) determines the final Important Farmland (IFL) category. [See definitions](#) at bottom of table.

Conversions to Urban Land

Irrigated Farmland to Urban Land	14 changes
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The majority of these changes occurred in Yuba City and Live Oak. The largest changes took place in Yuba City where a total of approximately 120 acres were added for Teal Hollow, Cresleigh Peaks, a Walmart, and other new homes and businesses. Meanwhile in the City of Live Oak, a total of approximately 80 acres were converted for Premier Homes, Oak Knoll Place, and Pennington Ranch Park.

Nonirrigated Land Uses and Other Land to Urban Land	8 changes
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The majority of the urbanization this update occurred in or adjacent to Yuba City and Live Oak. The largest changes took place in Yuba City where a total of ~70 acres was converted for Teal Hollow, Gateway Business Park, and other new homes. Meanwhile, in or adjacent to the City of Live Oak, a total of approximately 20 acres was added for homes, part of a school sports field, and campground.

**Conversions from Irrigated Farmland
aside from urbanization**

Irrigated Farmland to Nonirrigated Land Uses	50 changes
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Most of the changes that occurred in this category were due to plots of irrigated farmland having been fallow or areas of irrigated farmland that were identified as no longer being irrigated but, instead, have been used for the cultivation of nonirrigated grain crops for three or more update cycles. Countywide approximately 1,880 acres was converted to nonirrigated land uses. The majority of the changes in this category occurred on the Sutter quad with a total of ~450 acres being converted to nonirrigated land uses. This was followed by the Gridley, Meridian, Sutter Buttes, and Gilsizer Slough quads each with a total of approximately 180 acres being converted to nonirrigated land uses.

Irrigated Farmland to Other Land	34 changes
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A majority of these changes were due to a combination of the use of higher resolution (1 foot) imagery to delineate areas of low-density housing or natural vegetation throughout the county and small plots of irrigated farmland having been fallow for 3 or more updates cycles. The majority of these changes happened on the Gilsizer Slough quad, with a total of approximately 90 acres going to Other Land for low-density housing, natural vegetation, and nonirrigated land uses. This was followed by the Sutter quad with a total of ~70 acres going to Other Land uses.

Conversions to Irrigated Farmland

Nonirrigated Land Uses and Other Land to Irrigated Farmland	62 changes
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This update a total of approximately 1,180 acres was converted to irrigated farmland. The most significant addition of Irrigated Farmland this update occurred on the Sutter Buttes quad with a total of approximately 310 acres. This was followed by the Sutter, Gilsizer Slough, and Nicolaus quads with a total of ~210, 100, and 100 acres, respectively,

going to irrigated farmland.

Unusual Changes

(Types of change not already described or special circumstances during the 2008 update.)

Grazing Land to Other Land: 10 changes

The majority of these changes were due to the use of higher resolution (1 foot) imagery that led to the delineation of scattered low-density housing areas throughout the county. The majority of these changes happened on the Pleasant Grove quad affecting approximately 90 acres.

Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2010 update, and reasons.)

Definitions:

Irrigated Farmland includes most irrigated crops grown in California. When combined with soil data, these farmed areas become the Important Farmland (IFL) categories of Prime Farmland, Farmland of Statewide Importance & Unique Farmland. Because of the nature of the IFL definitions, some irrigated uses, such as irrigated pastures or nurseries, may not be eligible for all three IFL categories.

Nonirrigated land uses include grazing areas, land used for dryland crop farming, and formerly irrigated land that has been left idle for three or more update cycles. These uses are frequently incorporated into county Farmland of Local Importance definitions.

Other Land includes a variety of miscellaneous uses, such as low density rural residential development, mining areas, vacant areas and nonagricultural vegetation. Confined animal agriculture facilities are mapped as Other Land unless incorporated into a county Farmland of Local Importance definition.

Urban Land includes residential, industrial, recreational, infrastructure and institutional uses.

For more on map categories, including Farmland of Local Importance definitions, visit the [FMMP web site](#).

LABOR ESTIMATE:

Time estimates for conducting the 2008 update.

Image interpretation, start date	10/27/2009
Image interpretation, number of days	7
Ground truth dates	1/4/2010 – 1/5/2010
Number of days for post-ground truth clean up	2

Further information on the Farmland Mapping and Monitoring Program can be found at:

<http://www.conservation.ca.gov/dlrp/fmmp/Pages/Index.aspx>