

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

2008 FIELD REPORT

COUNTY: Tehama

FIELD MAPPER(S): Patrick Hennessy

IMAGE DATA USED:

Source	Aerials Express.
Acquisition date	July 2007
Data description	True Color (1 foot resolution)
Coverage gaps	Corning
Additional imagery used	Air Photo USA – Digital Globe Inc. September 2008 True Color (1 foot resolution) Landsat: September, 2008. 30 meter resolution

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)
None.
Personal Contacts
None.
Websites Used for Reference
http://www.sevillanolinks.com/
GIS Data Used for Reference
None.

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	9 changes
The largest change of this type is only 12 acres of homes just east of Red Bluff at the end	

of Gilmore Ranch Road. Near Vina, 11 acres of irrigated farmland had new buildings constructed, but they were not accessible during the field check. The third and last change over 10 acres in size is near Dairyville on the east side of the Sacramento River. A cluster of homes fit the criteria for Urban land and converted 10 acres.

Nonirrigated Land Uses and Other Land to Urban Land	31 changes
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Out of the total 31 changes, 30 of them are less than 25 acres. Several of these smaller changes were in the Red Bluff area around the perimeter of the city. The big change is almost 190 acres for the Rolling Hills Casino Sevillano Links golf course, driving range, and related support buildings/parking lots.

**Conversions from Irrigated Farmland
aside from urbanization**

Irrigated Farmland to Nonirrigated Land Uses	107 changes
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There were many small conversions of irrigated farmland to a nonirrigated land use. Irrigated farmland in Tehama County is comprised of irrigated pasture, row crops, and orchards. The largest change affecting these land uses was idling of a 175 acre field that had been used for row crops along the west side of Interstate 5, just south of the Gyle Road exit. The only other large change involved 140 acres of irrigated pasture going fallow along Newville Road near the west end of Black Butte Reservoir. Generally speaking, this type of change was more common around the Corning and Gerber areas.

Irrigated Farmland to Other Land	34 changes
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Out of the total 34 changes, 33 are less than 25 acres and the largest is over 140 acres. The smaller changes are farmsteads or additions to existing adjacent farmsteads. The 140 acre change is along the Sacramento River just south of the town of Tehama. Over time the area has converted back to a riparian state.

Conversions to Irrigated Farmland

Nonirrigated Land Uses and Other Land to Irrigated Farmland	63 changes
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The pattern of a few large changes and the rest much smaller continues. Only three changes are over 100 acres, and they range from 730 acres to 164 acres to 110 acres. The largest is located along Interstate 5 north of Gyle Road and south of Elder Creek. Brand new orchards were planted here. Once again, the most activity is around Corning and Gerber.

Unusual Changes

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

There are four instances of Urban being changed to another land use. Almost 30 acres of Urban in the western outskirts of Red Bluff was tracked four updates as abandoned or possibly mismapped. Similar situations affected 16 acres in the Lake California area and another 16 acres in Manton. Lastly, in the eastern mountains town of Mineral, 13 acres of Urban was also removed to improve accuracy.

Areas of Concern for Future Updates

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

The Sacramento River is meandering and will need some edits next update.

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	5/24/2010
Image interpretation, number of days	12
Ground truth dates	6/28-29/2010
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>