

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

2010 FIELD REPORT

COUNTY: Tehama

FIELD MAPPER(S): Troy Dick

IMAGE DATA USED:

Source	National Agriculture Imagery Program, USDA
Acquisition date	Summer 2010
Data description	True color mosaic, 1 meter resolution
Coverage gaps	None
Additional imagery used	National Agriculture Imagery Program, USDA; summer 2009, Google Maps

WRITTEN, DIGITAL & ORAL INFORMATION SOURCES:

The following entities and individuals provided information used to conduct 2010 mapping.

Local Review Comments (submitted by cities, counties, & others on 2008 maps)
None
Personal Contacts
None
Websites Used for Reference
Google Maps, Street View: http://maps.google.com
The Pacific Companies: http://www.tpchousing.com/projects/california/saladoorchards.shtml
GIS Data Used for Reference
California City Boundary Layer

2008-2010 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	4 changes
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The majority of these changes occurred adjacent to the town of Proberta where approximately 30 acres was converted for the expansion of the Crain La Barranca Ranch and Crain Walnut Shelling. Meanwhile in and adjacent to the City of Corning approximately 20 acres was converted for the Richfield Elementary School and Salado Orchard Apartments.

Nonirrigated Land Uses and Other Land to Urban Land	10 changes
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The majority of the urbanization this update was due to the expansion of urban development in or adjacent to the cities of Red Bluff and Corning. The largest conversions occurred in or adjacent to the City of Red Bluff where approximately 60 acres was added for the Durango RV Resort, a soccer field, new homes, new businesses, and a parking lot. Meanwhile, in the City of Corning, approximately 20 acres was added for new homes and expansion of the runway at the Corning Municipal Airport.

Conversions from Irrigated Farmland aside from urbanization

Irrigated Farmland to Nonirrigated Land Uses	104 changes
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A majority of these conversions were due to plots of irrigated farmland having been fallow for three or more update cycles. Countywide approximately 2,370 acres was converted to nonirrigated land uses. The largest number of conversions in this category occurred on the Corning quad with approximately 420 acres going out of production. This was followed by the Henleyville and Red Bluff West quads with approximately 270 and 260 acres, respectively, going out of production.

Irrigated Farmland to Other Land	24 changes
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A majority of these conversions were due to a combination of the use of high resolution (1 meter) imagery to delineate areas of rural residential land, low density commercial areas, natural vegetation or disturbed land and irrigated farmland having been fallow for 3 or more update cycles in plots of land too small to be mapped as nonirrigated land uses. The majority of these changes occurred on the Corning quad with approximately 100 acres going to Other Land for low density housing, disturbed land, and nonirrigated land uses. This was followed by the Vina quad with approximately 40 acres going to Other Land.

Conversions to Irrigated Farmland

Nonirrigated Land Uses and Other Land to Irrigated Farmland | 51 changes

The most notable addition of irrigated farmland and irrigated pasture this update occurred on the Gerber quad with approximately 1,140 acres being converted to irrigated crops and pasture. This was followed by the Corning and Black Butte Dam quads with approximately 1,130 and 240 acres, respectively, going to irrigated farmland and irrigated pasture.

Unusual Changes

(Types of change not already described or special circumstances during the 2010 update.)

Conversion between Irrigated Farmland categories: There were 14 conversions between irrigated farmland categories. These changes were due to either irrigated pasture being replaced by irrigated crops or irrigated crops being replaced by irrigated pasture. These changes may result in conversions between Prime Farmland, Farmland of Statewide Importance, Unique Farmland, and Farmland of Local Importance.

Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2012 update, and reasons.)

None

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 2010 update.

Image interpretation, start date	9/12/2011
Image interpretation, number of days	13
Ground truth dates	10/24-26/2011
Number of days for post-ground truth clean up	5

Further information on the Farmland Mapping and Monitoring Program can be found at: <http://www.conservation.ca.gov/dlrp/fmmp/Pages/Index.aspx>