

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

**2014 FIELD REPORT**

**COUNTY:** Tehama

**FIELD MAPPER(S):** Andrew McLeod

**IMAGE DATA USED:**

Source: National Agriculture Imagery Program, USDA
Acquisition date: Summer 2014
Data description: True color mosaic, 1 meter resolution
Coverage gaps: None
Additional imagery used: None

**WRITTEN, DIGITAL & ORAL INFORMATION SOURCES:**

*The following entities and individuals provided information used to conduct 2014 mapping.*

Local Review Comments (submitted by cities, counties, & others on 2012 maps)
None
Personal Contacts
None
Websites Used for Reference
Google Maps: <a href="https://www.google.com/maps">https://www.google.com/maps</a> US Fish and Wildlife Service: <a href="http://www.fws.gov">http://www.fws.gov</a> California Department of Fish and Wildlife: <a href="http://www.wildlife.ca.gov">http://www.wildlife.ca.gov</a> <a href="http://www.cachristmas.com/choosencut/Tehama">http://www.cachristmas.com/choosencut/Tehama</a>
GIS Data Used for Reference
California City Boundary Layer Tehama County Base Map CPAD

**2012-2014 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.*

<b>Conversions to Urban Land</b>	
Irrigated Farmland to Urban Land	0 changes
There were no significant conversions of irrigated farmland to Urban Land this update.	
Nonirrigated Land Uses and Other Land to Urban Land	5 changes
Most urbanization in this update was due to increased density from new home construction. The largest of these changes were located in Rancho Tehama and six miles northwest of Red Bluff, each approximately 30 acres.	
<b>Conversions from Irrigated Farmland aside from urbanization</b>	
Irrigated Farmland to Nonirrigated Land Uses	69 changes
<p>The majority of these changes were due to plots of irrigated land having been fallow for three or more update cycles, although none were over 100 acres. The largest such change was approximately 70 acres converted to Grazing Land on the Bend quad.</p> <p>The largest changes from irrigated farmland were reclassifications due to the identification of revegetation projects that had previously been identified as irrigated orchards. These occurred on federal, state and private lands, with the largest changes being approximately 675 acres near Red Bluff, 550 acres near Gerber and 280 acres near Vina.</p>	
Irrigated Farmland to Other Land	3 changes
Most conversions to Other Land were due to small plots of irrigated farmland having been fallow for three or more update cycles. The largest such conversion was 15 acres on the eastern boundary of Red Bluff.	
<b>Conversions to Irrigated Farmland</b>	
Nonirrigated Land Uses and Other Land to Irrigated Farmland	77 changes
<p>The most notable additions of irrigated farmland occurred on the Gerber quad, with new orchards in three large plantings of approximately 540 acres, 150 acres and 100 acres. Other noteworthy changes included two additions of approximately 180 acres and 140 acres on the Corning quad as well as a planting of 130 acres on the Black Butte Dam quad – all new orchards. The Kirkwood quad was also active with new plantings including two additions of orchards, approximately 130 and 100 acres.</p> <p>Finally, approximately 20 acres were changed from Other to irrigated land with the</p>	

continued expansion of the Driscoll's hydroponic operation in Bend.

### Unusual Changes

(Types of change not already described or special circumstances during the 2014 update.)

#### Conversion between irrigated farmland categories: (1 change)

A large new orchard of approximately 230 acres was planted just north of Las Flores on an area that had been mostly irrigated pasture. This may cause conversion between important farmland (P,S,U) categories.

#### Changes from Urban to Grazing or Other land: (4 changes)

These areas, mostly in and around Red Bluff, were changed from Urban to Grazing or Other land due to a lack of infrastructure.

#### Water Changes:

Numerous changes were made to land classifications along the Sacramento River, as a periodic update to account for ongoing changes in the river's course. These changes mostly occurred from Red Bluff south and in the vicinity of Lake California.

### Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2014 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 2014 update.*

Image interpretation, start date: March 8, 2016
Image interpretation, number of days: 9
Ground truth dates: May 4-5, 2016
Number of days for post-ground truth clean-up: 4

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