

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

2016 FIELD REPORT

COUNTY: Yuba

FIELD MAPPER(S): C.K. Williams

IMAGE DATA USED:

Source: National Agriculture Imagery Program, USDA
Acquisition date: Summer 2016
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 2016 mapping.

Local Review Comments (submitted by cities, counties, & others on 2014 maps)
None
Personal Contacts
None
Websites Used for Reference
Google Maps, Street View: http://maps.google.com
GIS Data Used for Reference
California City Boundary Layer (2016) California Protected Areas Database (2016)

2014-2016 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	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
New homes were constructed in existing subdivisions in the communities of Plumas Lake and Olivehurst.	
Conversions from Irrigated Farmland aside from urbanization	
Irrigated Farmland to Nonirrigated Land Uses	10 changes
The majority of conversions of irrigated farmland to nonirrigated land uses were due to plots of irrigated land having been fallow for three or more update cycles. The most significant conversion this update was located on the Loma Rica quad southwest of the community of Loma Rica (~80 acres). The next significant conversion was located on the Oregon House quad southeast of the community of Loma Rica (~50 acres). The rest of the conversions were for less than 30 acres and were located throughout the county.	
Irrigated Farmland to Other Land	3 changes
Conversions to Other Land were due to a combination of irrigated farmland having been fallow for three or more update cycles which were too small to be mapped as Grazing Land and the use of high resolution (1 meter) imagery to delineate areas of confined livestock. The largest conversion was on the Wheatland quad with approximately 15 acres going to low-density commercial.	
Conversions to Irrigated Farmland	
Nonirrigated Land Uses and Other Land to Irrigated Farmland	26 changes
Most of the new irrigated agriculture was in the form of orchards and rice crops. New orchards, predominantly almonds, olives and walnuts, were the largest additions this update (~630 acres). The largest addition was an almond orchard (~125 acres) northeast of the City of Marysville. Rice crops were the second highest addition (~315 acres) with the largest, single addition (~175 acres) made on the Honcut quad south of the community of Honcut.	
Unusual Changes	
(Types of change not already described or special circumstances during the 2016 update.)	
<u>Conversions to Water:</u> There were 2 conversions of Other Land to Water. These changes were due to water bodies that were larger than 40 acres with their shoreline having been stable for more than 3 updates. They are located on the Browns Valley quad at the Teichert Aggregates - Hallwood Facility.	

Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2018 update, and reasons.)

There are other water bodies at the Teichert Aggregates- Hallwood Facility that will likely need to change to Water in the future.

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 2016 update.

Image interpretation, start date: 11/28/2016
Image interpretation, number of days: 9
Ground truth dates: 12/13-14/2016
Number of days for post-ground truth clean-up: 3

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