

California Department of Conservation
FARMLAND MAPPING AND MONITORING PROGRAM

2014 FIELD REPORT

COUNTY: Shasta County

FIELD MAPPER(S): C.K. Williams

IMAGE DATA USED:

Source: National Agriculture Imagery Program, USDA
Acquisition date: Summer
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 Earth, Street View: http://maps.google.com
GIS Data Used for Reference

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.

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
The majority of the urbanization this update was due to the expansion of urban development in the City of Redding. The largest conversion was approximately 25 acres of homes, while all other conversions were less than 20 acres.	
Conversions from Irrigated Farmland aside from urbanization	
Irrigated Farmland to Nonirrigated Land Uses	12 changes
<p>There were two primary reasons for the conversion of irrigated farmland to nonirrigated uses:</p> <p>First, the majority of these changes were due to plots of irrigated land having been fallow for three or more update cycles. Most of the changes were between approximately 10 to 30 acres going out of production.</p> <p>Second, there was an area of irrigated farmland that was identified as no longer being irrigated but, instead, was being used for the cultivation of nonirrigated grain crops. This area had not been irrigated for multiple update cycles (~20 acres).</p>	
Irrigated Farmland to Other Land	2 changes
These changes were due to a combination of the use of high resolution imagery to delineate areas of low-density housing (ranchettes), rural commercial and small areas of irrigated farmland or irrigated pasture having been fallow for three or more update cycles.	
Conversions to Irrigated Farmland	
Nonirrigated Land Uses and Other Land to Irrigated Farmland	6 changes
The most notable addition of irrigated farmland this update occurred on the Whitmore quad with approximately 40 acres being converted to irrigated pasture.	
Unusual Changes	
(Types of change not already described or special circumstances during the 2014 update.)	
<u>Farmland of Local Importance to Grazing:</u>	
The change from Farmland of Local Importance to Grazing Land was due to the fallowing of nonirrigated grain for four or more update cycles. The largest conversion was approximately 25 acres and was located on the Cottonwood quad.	
<u>Conversion between Irrigated Farmland categories:</u> There was one conversion between irrigated farmland categories. The change was due to irrigated crops being replaced by irrigated pasture (~85 acres). This change may result in a conversion between Unique Farmland and Grazing Land.	

Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2016 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: 2/19/2016
Image interpretation, number of days: 7
Ground truth dates: 3
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>