

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

2014 FIELD REPORT

COUNTY: YUBA

FIELD MAPPER(S): Andrew McLeod

IMAGE DATA USED:

Source: National Agriculture Imagery Program (NAIP) USDA
Acquisition date: Summer 2014
Data description: 1 meter resolution, true color mosaic
Coverage gaps: None
Additional imagery used: Google Maps

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
Helen Swagerty, River Partners – hswagerty@riverpartners.org
Greg Holman, Fellowship of Friends
Websites Used for Reference
River Partners - http://www.riverpartners.org
Three Rivers Levee Improvement Authority - http://www.trlia.org
California Department of Fish and Game, Feather River Wildlife Area Map - https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=87792&inline
GIS Data Used for Reference
California Protected Area Database 2014
Additional GIS shapefiles of revegetation projects provided by River Partners

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	8 changes
New homes were constructed in existing subdivisions in southeastern Linda (~25ac) and in the southwestern corner of the county, on the west side of CA-70 just north of the Bear River (~20ac). Seven new apartment buildings were constructed on Smartsville-Hammond Rd. in Linda (~4ac). Also, Shoei Foods constructed a new packing facility (~6ac) on Feather River Road at Algodon.	
Conversions from Irrigated Farmland aside from urbanization	
Irrigated Farmland to Nonirrigated Land Uses	26 changes
<p>The Fellowship of Friends property in the eastern portion of the county (between Collins Lake and the Yuba River) was the site of significant changes. A conversation with the Fellowship's president Greg Holman indicated that cultivation of grapes had dropped from 365 acres at its peak in the 1980s to ~45ac now, including ~10ac that have not been irrigated for the past decade. In addition, 400 olive trees are reportedly cultivated by a lessee. At present, Holman says that the market does not support grapes there are no plans for agricultural expansion. Our survey indicates ~200 acres have been fallow for three cycles.</p> <p>Two significant areas were converted from irrigated to grazing land as part of levee realignment projects. These are ~450 acres of restored riparian habitat on the north side of the Bear River just downstream of Hwy 70 near Rio Oso, and ~750 acres along the east side of the Feather River, near Pearson. The former area had been misidentified as an irrigated orchard but was actually restored riparian forest land. The misidentification was likely made due to the way the riparian forest had originally been planted in rows, resembling an orchard planting. The latter restoration project was nonirrigated grain at the time of this survey.</p>	
Irrigated Farmland to Other Land	12 changes
Two areas east of Tambo (~200ac) were converted from irrigated farmland to wildlife habitat.	
Conversions to Irrigated Farmland	
Nonirrigated Land Uses and Other Land to Irrigated Farmland	51 changes
New trees, apparently walnut, were planted between Camp Far West and the Ostrom Road landfill (~210ac) New rice was planted west of CA-70 and north of Algodon Rd. (~100ac) and south of Plumas Arboga Road (~110ac) as well as new trees just west of the golf course (~140ac). A large acreage of pumpkins is being grown on the southwest outskirts of Wheatland (~110ac)	

Unusual Changes

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

None.

Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2014 update, and reasons.)

The Fellowship of Friends orchards are expected to continue to be reclassified as grazing land over the next two cycles.

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: 11/16/2015
Image interpretation, number of days:7
Ground truth dates:12/28/2015
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>