

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

2010 FIELD REPORT

COUNTY: Sierra Valley

FIELD MAPPER(S): Troy Dick

IMAGE DATA USED:

Source	National Agriculture Imagery Program (NAIP)
Acquisition date	Summer 2010
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 2010 mapping.

Local Review Comments (submitted by cities, counties, & others on 2008 maps)
None
Personal Contacts
None
Websites Used for Reference
Feather River Land Trust: http://www.frlt.org/docs/summer07.pdf
GIS Data Used for Reference
None

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	0 changes
There were no significant conversions of Irrigated Farmland to Urban Land this update.	

Nonirrigated Land Uses and Other Land to Urban Land	0 changes
There were no significant conversions of nonirrigated land uses or Other Land to Urban Land this update.	
Conversions from Irrigated Farmland aside from urbanization	
Irrigated Farmland to Nonirrigated Land Uses	50 changes
<p>These conversions were primarily due to plots of irrigated farmland and pasture having been fallow for three or more update cycles. In the Sierra Valley approximately 6,510 acres were converted to nonirrigated land uses. The largest number of conversions in this category occurred on the Antelope Valley quad with approximately 2,280 acres going out of production. This was followed by the Chilcoot and Loyalton quads with 2,040 and 540 acres, respectively, going out of production.</p>	
Irrigated Farmland to Other Land	1 changes
<p>The one conversion was due to the use of high resolution (1 meter) imagery to delineate areas of rural commercial. The one conversion occurred on the Antelope Valley quad with approximately 20 acres going to Other Land for a rural commercial land use.</p>	
Conversions to Irrigated Farmland	
Nonirrigated Land Uses and Other Land to Irrigated Farmland	14 changes
<p>The most notable addition of irrigated farmland and pasture this update occurred on the Antelope Valley quad with approximately 320 acres of conversion taking place. This was followed by the Loyalton and Calpine quads with approximately 160 acres each going to irrigated farmland and pasture.</p>	
Unusual Changes	
(Types of change not already described or special circumstances during the 2010 update.)	
<p><u>Water to Other Land:</u></p> <p>Approximately 30 acres of wetlands within the J&S Duck Ranch were delineated as wetlands.</p>	
Areas of Concern for Future Updates	
(Locations or map categories noted as needing careful checking during 2012 update, and reasons.)	
<p>There are several large areas of irrigated farmland and pasture that are currently marked as fallow for two update cycles. If these areas remain fallow, there could be large conversions next update.</p>	
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	5/27/2011
Image interpretation, number of days	2
Ground truth dates	6/20/2011
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>