

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

2008 FIELD REPORT

COUNTY: Shasta

FIELD MAPPER(S): Amy Klug

IMAGE DATA USED:

Source	Aerials Express and Landsat.
Acquisition date	July 2007 and September 2008.
Data description	true color mosaic, 1 foot resolution
Coverage gaps	none
Additional imagery used	

WRITTEN, DIGITAL & ORAL INFORMATION SOURCES:

The following entities and individuals provided information used to conduct 2008 mapping.

Local Review Comments (submitted by cities, counties, & others on 2006 maps)
none
Personal Contacts
none
Websites Used for Reference
Google Earth, Street View http://maps.google.com/maps?tab=w1
GIS Data Used for Reference

2006-2008 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	2 changes
<p>The Gaia Hotel in Anderson was built on irrigated farmland and led to a conversion and new homes were noted near Anderson (≈20 acres total).</p>	

Nonirrigated Land Uses and Other Land to Urban Land	14 changes
<p>The Anderson Solid Waste Disposal station was expanded (≈10 acres) and new homes were added (≈10 acres).</p> <p>New homes added on Other Land led to 12 conversions the majority scattered around Enterprise, Redding and Project City (≈150 acres).</p>	
Conversions from Irrigated Farmland aside from urbanization	
Irrigated Farmland to Nonirrigated Land Uses	49 changes
<p>The majority of changes to Grazing Land (≈795 acres) occurred in the south central portion of the county near Redding, Enterprise, Anderson, Blackberry Falls and Cottonwood. These changes were due to land left idle for three or more update cycles.</p> <p>Changes due to non irrigated grain production occurred near Loomis Corners (≈20 acres), Girvan (≈20 acres) and Balls Ferry (≈130 acres).</p> <p>A non irrigated olive orchard was verified in the field near Cloverdale which led to a conversion to Unique Farmland (≈55 acres).</p>	
Irrigated Farmland to Other Land	4 changes
<p>There were conversions to Other Land near Enterprise (≈25 acres), Anderson (≈10 acres), Balls Ferry (≈25 acres) and west of Cottonwood (≈25 acres) where either low density housing was built or the area was being used for agricultural staging.</p>	
Conversions to Irrigated Farmland	
Nonirrigated Land Uses and Other Land to Irrigated Farmland	0 changes
<p>There were no conversions this update.</p>	
Unusual Changes (Types of change not already described or special circumstances during the 2008 update.)	
<p>There were 49 changes from Farmland of Local Importance to Grazing Land due to the following of non irrigated grain for four or more update cycles. The majority of changes occurred just east of I-5 between Project City and Balls Ferry (≈1,265 acres). A few changes occurred from north to south close to the eastern edge of the survey area (≈250 acres). To the west, approximately 265 acres converted near Cottonwood and 310 acres near Ono.</p> <p>Approximately 155 acres of Urban Land converted to Other Land due to the use of detailed imagery to delineate more distinct urban boundaries.</p>	

Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2010 update, and reasons.)

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 2008 update.

Image interpretation, start date	October 7, 2009
Image interpretation, number of days	5.5 days
Ground truth dates	November 2-4, 2009
Number of days for post-ground truth clean up	4 days

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