

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

2008 FIELD REPORT

COUNTY: Napa

FIELD MAPPER(S): Kerri Kisko

IMAGE DATA USED:

Source	Digital Globe Inc.
Acquisition date	April 2007
Data description	True color mosaic, 1 foot resolution
Coverage gaps	none
Additional imagery used	none

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
County of Napa: http://www.co.napa.ca.us Vintage Ranch, New Homes in American Canyon, CA: http://www.visitvintageranch.com Bubbling Well Pet Memorial Park: http://www.bubbling-well.com diRosa Preserve: http://www.dirosapreserve.org
GIS Data Used for Reference
California City Boundary Layer Napa County Base Map

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	3 changes
<p>These changes were due to the increase in imagery resolution which allowed for the delineation of these features. An existing large estate was delineated on the Rutherford quad (~10 acres), an area of homes was noted on the Napa quad (~10 acres), and a golf course boundary was expanded on the Cordelia quad (~15 acres).</p>	

Nonirrigated Land Uses and Other Land to Urban Land		26 changes
<p>These changes were due to the new construction of resorts, homes, and buildings:</p> <ul style="list-style-type: none"> • City of Calistoga: the Solage Resort (~35 acres) was added. • City of Napa: the Meritage Resort (~15 acres) was added, as well as a new solar panel facility at Napa Valley College (~10 acres). • City of American Canyon: new homes were added at the Vintage Ranch community (~75 acres), the Napa Junction shopping center (featuring a Walmart) was added (~40 acres), and the California Freight Sales warehouse was also added (~10 acres). <p>A few changes were due to the increase in imagery resolution noted above. The Capell Valley Elementary School (~10 acres) was noted on the Capell Valley quad. In the City of Calistoga, the Calistoga Ranch resort (~15 acres) was noted. In the City of Napa, the Bubbling Well pet memorial park was noted (~10 acres), as well as the di Rosa Preserve sculpture meadow and art gallery (~10 acres).</p> <p>Other changes were due to the increased density of homes in existing housing areas resulting in changes from Other Land to Urban Land. Approximately 80 acres was changed in the Circle Oaks community on the Capell Valley quad. Also, changes occurred on the Napa quad (~15 acres), the Rutherford quad (~20 acres), and the St. Helena quad (~20 acres).</p>		
Conversions from Irrigated Farmland aside from urbanization		
Irrigated Farmland to Nonirrigated Land Uses		29 changes
<p>All of these changes were due to irrigated farmland being fallow for three or more update cycles. The majority of these changes were less than 20 acres. Larger changes occurred on the Cordelia (~65 acres), Chiles Valley (~80 acres), and Yountville (~95 acres) quads.</p>		
Irrigated Farmland to Other Land		15 changes
<p>Low-density housing (ranchettes), farmsteads, and rural commercial facilities accounted for the majority of the changes. These changes were scattered throughout the county and were primarily 10-20 acres in size.</p>		
Conversions to Irrigated Farmland		
Nonirrigated Land Uses and Other Land to Irrigated Farmland		37 changes
<p>The majority of the newly irrigated farmland was in the form of vineyards. New vineyards were added throughout the county and most were between 10-30 acres in size. Some changes of note include an approximately 85-acre vineyard on the Aetna Springs quad and an approximately 95-acre vineyard on the Napa quad. A few changes were due to newly irrigated pastures in the foothills. These irrigated pastures were all less than 20 acres in size.</p>		
Unusual Changes		

(Types of change not already described or special circumstances during the 2008 update.)

Nonirrigated Land Uses to Other Land: There were 29 conversions to Other Land. These changes were due to low-density housing (ranchettes), farmsteads, rural commercial, and the expansion of mining facilities. These changes were scattered throughout the county and were primarily 30 acres or less in size.

Conversions between Irrigated Farmland categories: There were 6 conversions between irrigated farmland categories. These changes were due to nonirrigated vineyards having been replaced with irrigated vineyards and the identification of nonirrigated orchards. Nonirrigated vineyards and orchards are considered Unique Farmland regardless of the underlying soil. These changes may result in conversions between Prime Farmland, Farmland of Statewide Importance, and Unique Farmland.

Conversions from Urban Land: There were 6 conversions from Urban Land. Urban Land was converted to irrigated farmland and Other Land due to improved digital imagery that allowed for the delineation of more distinct urban boundaries.

Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2010 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 2008 update.

Image interpretation, start date	September 17, 2008
Image interpretation, number of days	11
Ground truth dates	October 14-17, 2008
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>