

**California Department of Conservation
Farmland Mapping and Monitoring Program**

2006 FIELD REPORT

COUNTY: Lake

FIELD MAPPER(S): Troy Dick

IMAGERY:

source: National Agricultural Imagery Program (NAIP)

date: summer 2006

scale: 2 meter resolution

film type: true color mosaic

coverage gaps: none

additional imagery: NAIP 2005 (1 meter); Landsat 7 Infrared Imagery (2005)

WRITTEN, DIGITAL & ORAL INFORMATION SOURCES: *Please list which local governments, interest groups, or individuals submitted comments on the 2004 maps. Also list all phone and in-person contacts made or related GIS data referenced while conducting the 2006 update.*

➤ *local review comments:* none

cities:

county:

others:

➤ *personal contacts:*

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2004-2006 CHANGES*: *Please summarize the most common changes to the maps. List representative locations (quad or city) of each type of change encountered. Make sure to list and describe particularly large, unusual or notable changes and give estimates of the acreage involved.*

➤ **Irrigated Farmland to Urban Land:** 1 conversion

The only notable change of this category occurred on the Lakeport quad with ~ 20 acres delineated for manufactured homes.

➤ **Local, Grazing or Other Land to Urban Land:** 15 conversions

The majority of the conversions to urban this update were due to the use of higher

resolution (1 meter) imagery throughout the county, including areas where it had previously been lacking. On the Lower Lake quad, this new imagery allowed for the delineation of approximately 70 acres of existing homes. On the Middletown quad, approximately 50 acres was added for existing homes. In Clearlake State Park, a campground of approximately 20 acres was delineated.

The largest new construction example included the Lakeside Park Launching Facility on the Lucerne quad at ~ 20 acres.

➤ **Irrigated Farmland to Local or Grazing Land:** 81 conversions

Most changes that occurred in this category were due to plots of Irrigated Farmland having been fallow for 3 or more updates. A total of ~2,000 acres went from Irrigated Farmland to Local or Grazing Land countywide. The largest change happened on the Upper Lake quad with a total of ~370 acres going out of production. This was followed by the Kelseyville, Lucerne, and Lakeport quads with ~350, 300, and 290 acres, respectively, going out of production.

➤ **Irrigated Farmland to Other Land:** 6 conversions

A majority of these changes were due to Irrigated Farmland having been fallow for 3 or more update cycles, typically in units too small to be mapped as Grazing Land. The largest change happened on the Lucerne quad with a total of ~20 acres.

➤ **Local, Grazing or Other Land to Irrigated Farmland:** 16 conversions

The most notable addition of Irrigated Farmland in this update occurred on the Clearlake Oaks quad just off of Round Mountain Road where approximately 80 acres was found. On the Lakeport quad, a total of ~60 acres was added.

➤ **UNUSUAL:** *Category changes, complications with the Farmland of Local Importance definition, or any other special circumstances in 2006.*

Grazing or Other Land to Nonirrigated Orchards: 15 conversions

The majority of these changes this update were due to the use of higher resolution (1 meter) imagery and field checking to identify areas of nonirrigated orchards. The largest change in this category occurred on the Lakeport quad with a total of ~120 acres. This was followed by the Clearlake Oaks quad with a total of ~70 acres.

Nonirrigated Orchards to Grazing: 13 conversions

Most changes that occurred in this category were due to plots of nonirrigated orchards having found fallow or spotty growth for 3 or more updates. In the whole county ~270 acres went from nonirrigated orchards to Grazing Land. The largest change happened on the Clearlake Highlands quad with a total of ~120 acres.

PROBLEM AREAS: *What locations and map categories need careful checking in 2008? Why?*

All nonirrigated orchards areas will need to be field checked in the next couple of updates to see if new plantings of Irrigated orchards have occurred.

LABOR ESTIMATE: *Please estimate the amount of time spent on the following tasks.*

photo interpretation, start date: 12-3-2007

photo interpretation, number of days: ~8

ground truthing dates: 1/14/2008 to 1/17/2008

days for map compilation and clean up: 5

* **Note:** **Irrigated Farmland** = Prime Farmland, Farmland of Statewide Importance or Unique Farmland; **Local** = Farmland of Local Importance

Further information on the Farmland Mapping and Monitoring Program can be found at:

www.consrv.ca.gov/dlrp/fmmp