

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

2008 FIELD REPORT

COUNTY: Alameda

FIELD MAPPER(S): Amy Klug

IMAGE DATA USED:

Source	Digital Globe Inc.
Acquisition date	April, 2007
Data description	1 foot resolution, true color mosaic
Coverage gaps	None
Additional imagery used	Google Earth, Street View

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
Donna Decker, City of Pleasanton Planning Department, ddecker@ci.pleasanton.ca.us .
Websites Used for Reference
City of Dublin On-line Public GIS: http://citydocs.ci.dublin.ca.us/gis/default.aspx
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	4 changes
The two largest additions of new homes were added in Union City near the Coyote Hills Regional Park (≈ 45 and 15 acres). Two smaller changes (≈15 and 10 acres) occurred in Livermore near the Lawrence Livermore National Laboratory.	
Nonirrigated Land Uses and Other Land to Urban Land	27 changes
The most notable change from Other Land was due to the addition of business offices (≈55	

acres) near Bay Farm Island in Oakland. There were also some new home additions near Coyote Hills Regional Park in Union City (~40 acres) and in Oakland near Merrit College (~20 acres). Industrial and shopping areas were added South of Fremont (~15 acres) and East of Dublin (~20 acres).

The majority of new homes were built on Grazing Land. The City of Dublin added approximately 100 acres of urban land, the majority new homes such as the “Silvera Ranch” development. The Eleanor Murray Fallon School was also noted. Approximately 160 acres of urban land was delineated within the Pleasanton City boundaries including approximately 150 acres of new homes and a driving range (~10 acres) at the Callippe Preserve Golf Course. The City of Livermore added approximately 70 acres of urban land, almost 55 acres was due to new homes, and the rest was due to mixed urban use such as a parking lot and industrial areas. New homes and the Stonebrae Elementary School were added in east Hayward (~90 acres). Also noteworthy was the delineation of the Mountain House Golf Course (~110 acres).

Conversions from Irrigated Farmland aside from urbanization

Irrigated Farmland to Nonirrigated Land Uses	16 changes
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Irrigated farmland left fallow for three or more update cycles converting to Grazing Land was the predominant change in this category. The area with the largest total acreage conversion (~525 acres) occurred in the vicinity of Union City near Coyote Hills Regional Park. Approximately 85 acres converted near Mountain House, 35 acres just south of Lawrence Livermore National Laboratory, and 45 acres near Sunol.

Irrigated Farmland to Other Land	2 changes
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There were two small changes to Other Land this update: A mine was delineated in Sunol (~40 acres) and a pond was added in east Pleasanton (~10 acres).

Conversions to Irrigated Farmland

Nonirrigated Land Uses and Other Land to Irrigated Farmland	10 changes
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The majority of changes were due to Grazing Land converting to Irrigated Farmland. These included the addition of new vineyards or crops south of Lawrence Livermore National Laboratory (~305 acres) and east of Mountain House (~60 acres). The delineation of a small orchard led to the conversion of approximately 15 acres of Other Land south of Livermore.

Unusual Changes

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

A substantial change occurred (~230 acres) leading to the conversion of Grazing Land to Other Land and was due to the addition of low density housing south of Pleasanton. County wide, approximately 870 acres total changed from Grazing Land to Other Land due to the addition of low density housing, farmsteads, and confined livestock areas.

The Berkeley Aquatic Park Lake was delineated which led to the removal of approximately 55 acres from Urban-Built up land and converted to Water.

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	September 23, 2008
Image interpretation, number of days	4 days
Ground truth dates	October 7-8, 2008
Number of days for post-ground truth clean up	2 days

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