

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

2014 FIELD REPORT

COUNTY: Yolo

FIELD MAPPER(S): C.K. Williams

IMAGE DATA USED:

Source: National Agriculture Imagery Program, USDA
Acquisition date: Summer 2014
Data description: True color mosaic, 1 meter resolution
Coverage gaps: None
Additional imagery used: None

WRITTEN, DIGITAL & ORAL INFORMATION SOURCES:

The following entities and individuals provided information used to conduct 2014 mapping.

Local Review Comments (submitted by cities, counties, & others on 2012 maps)
Personal Contacts Michele Clark, Yolo Land Trust
Websites Used for Reference Google Earth, Street View: http://maps.google.com
GIS Data Used for Reference

2012-2014 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

Conversions from irrigated farmland to Urban Land were due to the construction of apartments, homes and the expansion of business;

The most notable urban development this update was the expansion of Clark Pacific Industries north of the City of Woodland (~50 acres). New apartments were added to Davis West Village (~12 acres). New homes (~23 acres) were also added in Woodland nearby County Fair Mall.

Nonirrigated Land Uses and Other Land to Urban Land

8 changes

These changes were due to the construction of homes, commercial buildings and infrastructure.

The most notable conversion was an addition of solar panels (~25 acres) south east of the City of Davis along county road 104. Also there was an addition of new homes (~20 acres) south west of the City of Woodland and commercial buildings on the Sacramento West quad (~30 acres).

**Conversions from Irrigated Farmland
aside from urbanization**

Irrigated Farmland to Nonirrigated Land Uses

28 changes

The majority of these changes were due to irrigated farmland or pastureland having been fallow for three or more update cycles. These changes were primarily located in the Capay and Sacramento Valleys and most were less than 50 acres. The most notable conversion of approximately 180 acres was located south of the Yolo County Airport and north of Putah Creek. These formerly irrigated lands will be converted to Farmland of Local Importance if they are on high quality soils, as determined by the USDA, or to Grazing Land if on lesser quality soils.

Other conversions from irrigated farmland were due to the identification of nonirrigated grain in areas that had formerly produced irrigated crops. Notable conversions of this type occurred south of the town of Guinda (~110 acres) These areas will be converted to Farmland of Local Importance as per the Yolo County Farmland of Local Importance definition.

Irrigated Farmland to Other Land

4 changes

The most notable conversion of irrigated farmland to other land was due to the development of a wetland or habitat protected area (~100 acres) located in the Yolo Bypass Wildlife Area. The remaining conversions were primarily due to the delineation of farmsteads and ranchettes throughout the county due to the use of high resolution imagery.

Conversions to Irrigated Farmland

Nonirrigated Land Uses and Other Land to Irrigated Farmland

51 changes

These conversions were due to the addition of new orchards, field crops, row crops,

and irrigated pasture. Most of the changes were between 10 and 100 acres. The largest change was the addition of a new almond orchard (~1200 acres) located north of the town of Winters. Also notable was the addition of olive orchards and new vines on the Wildwood School quad (~350 acres) and Madison quad (~600 acres). Other conversions were due to nonirrigated grains being replaced with primarily orchards. The most notable being an approximately 250 acre addition located on the Zamora Quad.

Unusual Changes

(Types of change not already described or special circumstances during the 2014 update.)

Approximately 4,500 acres total of Farmland of Local Importance were converted to Grazing Land this update due to the fallowing of nonirrigated grains for four or more update cycles. Notable changes were made on the Bird Valley (~1680 acres) and Zamora quads (~2,100 acres).

Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2016 update, and reasons.)

Conversion to Grazing Land is due to nonirrigated grain areas being left idle for four or more update cycles. Also was possible due to the use of improved high resolution imagery.

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 2014 update.

Image interpretation, start date: 4/27/2015
Image interpretation, number of days: 15
Ground truth dates: 3
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>