

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

**2012 FIELD REPORT**

**COUNTY:** Marin

**FIELD MAPPER(S):** Farl Grundy

**IMAGE DATA USED:**

Source: National Agriculture Imagery Program, USDA
Acquisition date: Summer 2012
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 2012 mapping.*

Local Review Comments (submitted by cities, counties, & others on 2010 maps)
None
Personal Contacts
None
Websites Used for Reference
Google Streetview, Google Maps: <a href="http://maps.google.com">http://maps.google.com</a> County of Marin: <a href="http://www.marincounty.org/">http://www.marincounty.org/</a> City of Novato: <a href="http://ww.cityofnovato.org/">http://ww.cityofnovato.org/</a>
GIS Data Used for Reference
California City Boundary Layer Marin County Base Map

**2010-2012 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.*

<b>Conversions to Urban Land</b>	
Irrigated Farmland to Urban Land	0 changes
None	
Nonirrigated Land Uses and Other Land to Urban Land	1 change
<p>This update produced only one noteworthy change from non-irrigated and other land use to urban land use. This change consisted of an approximate 11 acre commercial building in Novato. Other minimal changes this update were the result of improved imagery and its use to more accurately delineate urban boundaries.</p>	
<b>Conversions from Irrigated Farmland aside from urbanization</b>	
Irrigated Farmland to Nonirrigated Land Uses	3 changes
<p>Conversion to non-irrigated land use this update consisted of three changes. Approximately 85 acres were converted to non-irrigated grain just south of Novato, ~64 acres was converted to grazing land use south west of Petaluma, and approximately 21 acres east of Point Reyes Station was converted from irrigated farmland to non-irrigated land usage. These changes were the result of irrigated farmland which has been fallow for three or more update cycles.</p>	
Irrigated Farmland to Other Land	0 changes
None	
<b>Conversions to Irrigated Farmland</b>	
Nonirrigated Land Uses and Other Land to Irrigated Farmland	0 changes
None	
<b>Unusual Changes</b>	
(Types of change not already described or special circumstances during the 2012 update.)	
<p>Unusual changes this update were the result of land that had been marked for urban land use but continued to show no signs of construction after three or more update cycles. This affected ~19 acres in San Rafael, ~12 acres in Point Reyes, and ~8 acres in Novato. The conversions were made to the Other Land category.</p>	
<b>Areas of Concern for Future Updates</b>	
(Locations or map categories noted as needing careful checking during 2014 update, and reasons.)	
None	
<b>Definitions:</b>	
<p><b>Irrigated Farmland</b> includes most irrigated crops grown in California. When combined with soil data, these farmed areas become the Important Farmland (IFL)</p>	

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 2012 update.*

Image interpretation, start date: 3/12/2014
Image interpretation, number of days: 5
Ground truth dates: 5/7/2014
Number of days for post-ground truth clean-up: 1.5

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