

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

2004 FIELD REPORT

COUNTY: Colusa

FIELD MAPPER(S): Rain Ananael

IMAGERY:

source: National Agricultural Imagery Program

date: 2004

scale: 2 meter

film type:

coverage gaps: none

additional imagery: NASA-Ames Research 1:130,000 CIR, July 21, 2004

WRITTEN, DIGITAL & ORAL INFORMATION SOURCES: *Please list which local governments, interest groups, or individuals submitted comments on the 2002 maps. Also list all phone and in-person contacts made or related GIS data referenced while conducting the 2004 update.*

➤ *local review comments*

cities:

county:

others:

➤ *personal contacts: none*

➤ *websites:*

<http://www.colusanet.com>,

<http://www.colusa-ca.gov/>,

<http://cecolusa.ucdavis.edu/>

http://www.gic.csuchico.edu/hosted/sustainable/maps/county/colusa_map/dpi_600/wetland_1.pdf

<http://www.sacrivier.org/resources/>

http://www.newhomesmag.com/home_finder/details.asp?homeid=1156

➤ *GIS data referenced:* DFG lands, USFWS federal lands, USGS 1:24 k DRG's, FEMA floodplains, GDT roads, water holding ponds.

2002-2004 CHANGES*: *Please summarize the most common changes to the maps. List representative locations (quads) 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**

There were 7 changes in this category. The majority of these changes occurred in Meridian and Dunnigan. These conversions include small expansions to the Colusa Industrial Park and Horizons at Williams single family homes.

➤ **Local, Grazing or Other Land to Urban Land**

There were 4 changes in this category. These changes represent grazing and other land areas that were developed for urban use. These conversions include small expansions to the Colusa Industrial Park and Horizons at Williams single family homes.

➤ **Irrigated Farmland to Local or Grazing Land**

There were 8 changes in this category. These changes are largely represented by irrigated farmland left idle for three or more update cycles. There were two changes from irrigated farmland to non-irrigated grain, which represent a conversion to a non-irrigated crop use. Often these changes can be rotational, so these areas will be monitored for a return to irrigated land use.

➤ **Irrigated Farmland to Other Land**

There were 39 changes in this category. These changes are largely represented by irrigated farmland left idle for three or more update cycles. In addition, over 1,750 acres of irrigated farmland has been converted to wetland throughout the county, particularly in the Moulton Weir, Sanborn Slough, Cortina Creek and Dunnigan quads. The majority of these changes were also fallowed for three or more updates. In Cortina Creek, approximately 132 acres of irrigated farmland became a freeway interchange.

➤ **Local, Grazing or Other Land to Irrigated Farmland**

There were 25 changes in this category. These changes largely represent new orchards going in throughout the county. In Salt Canyon and Wildwood Orchard, 140 and 180 acres, respectively, were irrigated for orchards and row crops. In the Meridian and Salt Canyon quads, 280 and 450 acres, respectively, were irrigated predominantly for orchards. In the Dunnigan area, approximately 1000 acres of new orchards and irrigated row crops were included during this update cycle.

➤ **UNUSUAL:** *Category changes, complications with the Farmland of Local Importance definition, or any other special circumstances in 2004.*

PROBLEM AREAS: *What locations and map categories need careful checking in 2006? Why?*

Special attention should be given to the continued identification of irrigated pasture and non-irrigated trees. Non-irrigated grains should be closely monitored for fallowing. Wetland conversions for flood control, wildlife, and recreation should continue to be monitored.

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

photo interpretation, start date: 12/15/06
photo interpretation, number of days:15
ground truthing dates: 2/11/06-2/12/06

days for map compilation and clean up: 9

* **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