

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

**2002 FIELD REPORT**

**COUNTY:** Yuba

**FIELD MAPPER:** Sam Coel/Kerri Kisko

**IMAGERY:**

*source:* NASA Ames Research

*date:* September 7th 2001

*scale:* 1 :130,000

*film type:* CIR Transparency

*coverage gaps:* Northeastern Corner

*additional imagery:* Landsat 2002 data

**WRITTEN, DIGITAL & ORAL INFORMATION SOURCES:** *Please list which local governments, interest groups, or individuals submitted comments on the 2000 maps. Also list all phone and in-person contacts made or related GIS data referenced while conducting the 2002 update.*

➤ *local review comments-* none

*cities:*

*county:*

*others:*

➤ *personal contacts:* none

➤ *websites:* none

➤ *GIS data referenced:* Yuba Digital Soil Survey: CA618

**2000-2002 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 3 conversions of irrigated farmland to urban land this update. These changes were merely boundary adjustments.

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

There were 4 conversions of grazing or other land to urban land this update. The only noteworthy change occurred near Marysville (on the Yuba City quad) and involved 100 acres of Other Land being upgraded to Urban Land status due to the increased density of the homes. The other three changes were small and scattered throughout the county.

#### ➤ **Irrigated Farmland to Grazing Land**

There were 18 conversions of irrigated farmland to grazing land this update. All of these changes were due to the land being fallow for three updates. The largest change occurred on the Loma Rica quad where approximately 200 acres of fallow, Unique farmland was put into Grazing Land. Other significant changes involving fallow land occurred on the Wheatland quad (~100 acres) and Nicolaus quad (~100 acres).

#### ➤ **Irrigated Farmland to Other Land**

There were 17 conversions of irrigated farmland to other land this update. Twelve of these changes were from land being fallow for three updates. The most significant change occurred on the Olivehurst quad where two fallow parcels of land approximately 90 acres in total size were converted to wetlands. The other five changes were due to the identification of ranchettes or rural commercial. These changes were small in size (≈5 to 10 acres) and scattered throughout the county.

#### ➤ **Grazing or Other Land to Irrigated Farmland**

There were 16 conversions of grazing or other land to irrigated farmland this update. These conversions were scattered throughout the county and primarily were in the form of orchards and rice. The most notable conversions include an approximately 135-acre parcel of rice on the Olivehurst quad, an approximately 130-acre orchard on the Wheatland quad, an approximately 115-acre parcel of rice on the Olivehurst quad, and an approximately 80-acre orchard on the Yuba City quad.

➤ **UNUSUAL:** *Category changes, complications with the Farmland of Local Importance definition, or any other special circumstances in 2002.*

Grazing Land to Other Land: There were 14 conversions. The majority of these changes (12) were due to use of digital imagery to obtain more distinct low-density housing (ranchettes) and rural commercial uses. One change of note was an area of low-density housing (≈120 acres) on the Rackerby quad.

Irrigated agriculture was shifted between prime, statewide, and unique due to soil

line corrections.

**PROBLEM AREAS:** *What locations and map categories need careful checking in 2004? Why?*

Be careful with mapping irrigated fields in the Grazing category. A lot of areas in the eastern part of the county are irrigated pasture on unique soils. Yuba County doesn't have a local definition, so all irrigated pasture on Unique soils should be mapped as Grazing Land.

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

*photo interpretation, start date: 3/17/03*

*photo interpretation, number of days: 5 days*

*ground truthing dates: 3/25-3/26*

*# days for map compilation and clean up: 3 days*

\* **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](http://www.consrv.ca.gov/dlrp/fmmp)