

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

**2010 FIELD REPORT**

**COUNTY:** Riverside West

**FIELD MAPPER(S):** Amy Klug

**IMAGE DATA USED:**

Source	National Agriculture Imagery Program (NAIP)
Acquisition date	Summer 2009 and Summer 2010
Data description	1 meter resolution, true color mosaic
Coverage gaps	
Additional imagery used	Google Maps

**WRITTEN, DIGITAL & ORAL INFORMATION SOURCES:**

*The following entities and individuals provided information used to conduct 2010 mapping.*

<b>Local Review Comments</b> (submitted by cities, counties, & others on 2008 maps)
The City of Riverside Community Development Department, Ken Gutierrez, 3900 Main Street, Riverside, CA 92522. Corona Community Development Department, Terri Manuel, 400 S. Vicentia Avenue, Corona, CA 92882. The City of Moreno Valley Community Development Department, Planning Division, Kathleen Dale, 14177 Frederick Street, P.O. Box 88005, Moreno Valley, CA 92552-0805.
<b>Personal Contacts</b>
<b>Websites Used for Reference</b>
<b>GIS Data Used for Reference</b>

**2008-2010 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	27 changes
New homes, the Frank August Middle School, sports fields, and a park and campground were added in the vicinity of Eastvale, Rubidoux, and Riverside (~485 acres). Approximately 175 acres converted to Urban Land near Hemet, Perris, Lakeview and	

Menifee due to the addition of the Rancho Viejo Middle School, a distribution center, a sports field, and the “Fairway Canyon” housing development. In the City of Murrieta, a change occurred because solar panels were noted (≈15 acres). The “Wolf Creek” housing development in Temecula expanded (≈125 acres). And in the Temescal Valley a small approximately 15 acres change occurred due to new homes.

<b>Nonirrigated Land Uses and Other Land to Urban Land</b>	<b>155 changes</b>
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New homes and industrial buildings were added to Other Land near Riverside, Mira Loma, Corona, and Temescal Canyon (≈515 acres), Perris and Lake Elsinore (≈130 acres), Wildomar (≈180 acres), Murrieta and Temecula (≈330 acres), and Banning, San Jacinto and Hemet (≈235 acres).

New homes, water treatment facilities, and shopping centers occurred on Grazing Land in the vicinity of El Cerrito (≈65 acres), Murrieta (≈85 acres), and Cabazon (≈20 acres).

**Farmland of Local Importance to Urban Land:**

Riverside, Mira Loma, Corona, and Temescal Canyon:

Changes in this area included new home additions (≈195 acres), industrial buildings and expansions (≈105 acres), two distribution centers (≈25 acres), a park and campground (Riverside County Parks Department, ≈20 acres), a shopping center (≈15 acres), a sports field (≈25 acres), the addition of Andulka Park (≈20 acres), a cemetery expansion (≈10 acres), the Frank Augustus Middle School (≈10 acres), a hotel (≈10 acres), and a water treatment plant expansion (≈25 acres).

Perris and Lake Elsinore:

New homes were noted in this area (≈225 acres). Industrial building and a power plant expansion led to a conversion of approximately 110 acres. Lastly a distribution center was noted (≈20 acres).

Moreno Valley:

There were housing development and shopping center expansions here (≈80 acres and ≈35 acres, respectively).

Murrieta and Temecula:

“Wolf Creek” (≈15 acres) and “Spencer’s Crossing” (≈60 acres) developments expanded as did the Temecula Creek Inn Golf course (≈25 acres). Two new apartment buildings were noted (≈35 acres). New homes were also added where no housing development name was noted (≈160 acres). Two schools were expanded and Southshore elementary school was added (≈40 acres total). Lastly, shopping centers (≈115 acres) and a solar facility (≈15 acres) was noted.

Banning, San Jacinto, and Hemet:

There were some new homes added to existing developments (≈155 acres) as well as a school (≈20 acres), a church expansion (≈10 acres), two shopping centers (≈45 acres) and a sports field (≈20 acres) noted in this area.

<b>Conversions from Irrigated Farmland aside from urbanization</b>	
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<b>Irrigated Farmland to Nonirrigated Land Uses</b>	<b>95 changes</b>
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The majority of irrigated farmland which converted to Farmland of Local Importance was due to land left fallow for three or more update cycles and to a lesser degree nonirrigated grains in the vicinity of Riverside, Mira Loma, Corona, and Temescal Canyon (≈1,910 acres), Perris, Moreno Valley, and Lake Elsinore (≈1,010 acres), Wildomar (≈220 acres),

Murrieta and Temecula (≈605 acres), and Banning, San Jacinto, and Hemet (≈935 acres).

**Irrigated Farmland to Other Land**

13 changes

Conversions to Other Land were due to the addition to ranchettes, land graded for development near Riverside (≈35 acres), Lake Elsinore (≈10 acres), Moreno Valley (≈10 acres), Murrieta (≈25 acres), and Hemet and San Jacinto (≈135 acres).

**Conversions to Irrigated Farmland**

**Nonirrigated Land Uses and Other Land to Irrigated Farmland**

71 changes

The majority of changes from Farmland Local Importance were due to the addition of irrigated row crops but there were vines and in-ground nurseries noted as well. These conversions occurred near Riverside (≈20 acres), Murrieta (≈190 acres), Lancaster Valley (≈150 acres), Anza Valley (≈55 acres), Weber Valley (≈10 acres), Hemet and San Jacinto (≈920 acres), and Perris (≈760 acres).

Vines and orchards in rural residential areas led to a few conversions from Other Land in the proximity of Talega Canyon (≈75 acres), Temecula (≈220 acres), Blackburn Canyon (≈30 acres), and San Jacinto (≈10 acres).

**Unusual Changes**

(Types of change not already described or special circumstances during the 2010 update.)

There were some conversions from Farmland of Local Importance to Other Land this update due to land graded for development, the addition of ranchettes, a mine, ponds, and agricultural staging areas. These changes occurred near Eastvale (≈70 acres), Rubidoux (≈10 acres), Riverside (≈25 acres), Corona (≈20 acres), Perris (≈20 acres), San Jacinto and Hemet (≈265 acres), Murrieta (≈15 acres), Redonda Mesa (≈30 acres), and Lewis Valley (≈25 acres).

Small changes from Grazing Land to Other Land were noted in the vicinity of Perris (≈20 acres), Corona (≈10 acres), Murrieta (≈10 acres), and San Jacinto (≈20 acres) and were largely due to the addition of a mine and the expansion of duck ponds.

Potted-plant nurseries were added which led to conversions to Unique Farmland within the city limits of Riverside (≈40 acres) and also close to Steele Valley (≈20 acres).

**Areas of Concern for Future Updates**

(Locations or map categories noted as needing careful checking during 2012 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 2010 update.*

Image interpretation, start date	March 18, 2011
Image interpretation, number of days	15 days
Ground truth dates	May 16-19
Number of days for post-ground truth clean up	3 days

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

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

**2010 FIELD REPORT**

**COUNTY:** Riverside (East)

**FIELD MAPPER(S):** Troy Dick

**IMAGE DATA USED:**

Source	National Agricultural Imagery Program (NAIP)
Acquisition date	Summer 2010
Data description	1 meter resolution, true color mosaic
Coverage gaps	None
Additional imagery used	Google Maps

**WRITTEN, DIGITAL & ORAL INFORMATION SOURCES:**

*The following entities and individuals provided information used to conduct 2010 mapping.*

**Local Review Comments**

(submitted by cities, counties, & others on 2008 maps)

None

**Personal Contacts**

None

**Websites Used for Reference**

Desert Sands Unified School District

<http://dsusd.us/DSUSD/Default.aspx>

Google Maps, Street View

<http://maps.google.com>

Legends

<http://www.legendspalmdesert.com/sitemap.php>

localism.com

<http://localism.com/ca/Indio?page=4>

Ponderosa Villas At Paradiso

<http://www.villasindio.com/visiting.html>

Palm Springs Unified School District: Painted Hills

<http://www.psusd.us/index.aspx?page=857>

Riverside County Fire Department - Fire Stations

<http://www.rvcfire.org/opencms/facilities/FireStations/index.html>

The Desert on the Market.com  
<http://www.thedesertonthemarket.com>

Wikipedia – Blythe Airport  
[http://en.wikipedia.org/wiki/Blythe\\_Airport](http://en.wikipedia.org/wiki/Blythe_Airport)

#### GIS Data Used for Reference

California City Boundary Layer

#### **2008-2010 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	12 changes
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The majority of these conversions occurred in or adjacent to the cities of Indio and Blythe. The largest conversions took place in the City of Indio with a total of approximately 290 acres for Sun City Shadow Hills Community, Indio Town Center, Target, Big Lots, Ross, Marshall, other businesses, Community of Terra Lago, Villa Estates, Haciendas, and Ponderosa Villas at Paradiso. Meanwhile, conversions were made adjacent to the City of Blythe with approximately 10 acres for Felix J. Appleby Elementary School and the school sports field.

Nonirrigated Land Uses and Other Land to Urban Land	46 changes
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The majority of the urbanization this update was due to the expansion of urban development in and adjacent to the cities of Blythe, Indio, and Coachella. The largest conversions took place in and adjacent to the City of Blythe where approximately 170 acres were developed for the Blythe Photovoltaic Solar Power Plant and another smaller solar power plant. Meanwhile, in and adjacent to the City of Indio, a total of approximately 150 acres were developed for Desert Ridge Academy, Shadow Hills High School, Sonora Wells at Shadow Hills Community, Talavera Community, Sun City Shadow Hills Community, and Ponderosa Villas at Paradiso. Furthermore, in and adjacent to the City of Coachella, a total of approximately 120 acres were developed for Aventine Homes, Rancho Cielo Community, Somerset Homes, Tierra Borita, CVS Pharmacy, Coca Cola warehouse, baseball diamond, and other new businesses.

### Conversions from Irrigated Farmland aside from urbanization

Irrigated Farmland to Nonirrigated Land Uses	51 changes
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A majority of conversion was due to plots of irrigated farmland having been fallow for three or more update cycles. In the eastern part of Riverside County approximately 2,480 acres was converted to nonirrigated land uses. The largest number of conversions in this category occurred on the Indio quad with approximately 900 acres of conversions from irrigated farmland took place. This was followed by the Valerie and Oasis quads with approximately 460 and 290 acres, respectively, of conversion from irrigated farmland.

Irrigated Farmland to Other Land	15 changes
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The majority of these conversions were due to a combination of irrigated farmland having been fallow for three or more update cycles which are graded for development, the use of high resolution imagery to delineate areas of low-density housing, natural vegetation, semi-agricultural and rural commercial throughout the county, and irrigated farmland having been fallow for 3 or more update cycles in plots of land too small to be mapped as nonirrigated land uses. The largest conversions happened on the Indio quad, where approximately 390 acres of irrigated farmland had been fallow for three or more update cycles but was graded for various types of development. This was followed by the West Berdoo Canyon quad with approximately 270 acres converting to Other Land.

### Conversions to Irrigated Farmland

Nonirrigated Land Uses and Other Land to Irrigated Farmland	61 changes
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The most notable addition of irrigated farmland this update occurred on the Valerie quad (located east and southeast of the City of La Quinta) with approximately 260 acres being converted to irrigated farmland. This was followed by the Blythe and Mecca quads with approximately 190 and 150 acres respectively, being converted to irrigated farmland.

### Unusual Changes

(Types of change not already described or special circumstances during the 2010 update.)

Conversions from Urban Land: There were 2 conversions of approximately 220 acres from Urban Land this update due to deteriorating abandoned runways of what used to be Blythe Army Airfield located north of the current Blythe Airport.

Farmland of Local Importance to Water: The Refinement of the Colorado River boundary through the use of high resolution digital imagery caused the conversion of approximately 10 acres of Farmland of Local Importance.

### Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2012 update, and reasons.)

None

**Definitions:**

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**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 2010 update.*

Image interpretation, start date	January 26, 2011
Image interpretation, number of days	8
Ground truth dates	3/14/2011 – 3/17/2011
Number of days for post-ground truth clean up	3

*Further information on the Farmland Mapping and Monitoring Program can be found at:*

<http://www.conservation.ca.gov/dlrp/fmmp/Pages/Index.aspx>