

# Sacramento County 2012 Crop & Livestock Report



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**Agricultural Commissioner/  
Director of Weights & Measures**

Juli D. Jensen

Agricultural Commissioner  
Sealer of Weights and Measures



**Divisions**

Agriculture  
Weights and Measures

## County of Sacramento

To: Karen Ross, Secretary and The Honorable Board of Supervisors  
California Department of Food and Agriculture Chair Susan Peters  
District 1 Phil Serna  
District 2 Jimmie Yee  
District 4 Roberta MacGlashan  
District 5 Don Nottoli

In accordance with Sections 2272 and 2279 of the California Food and Agriculture Code, I am pleased to submit the 2012 Sacramento County Annual Crop and Livestock Report. This report includes the acreage, production and gross value of agricultural commodities in Sacramento County as well as the invasive pest activities and our response to those pests. Although Sacramento County's 2011 crop production value of \$405,211,000 was the highest ever recorded, Sacramento County agriculture has continued to grow and thrive and in 2012 had a crop production value of \$460,650,586. This represents a 14% increase over the 2011 value.

A few agricultural commodities had significant increases in production value and these commodities served to significantly increase our overall production value, however, a number of commodities saw little change or decreased in production value. Wine grapes continue to top the Sacramento County crop values at \$149,534,000 and now represent almost a third of Sacramento County's production value as compared to a little over one fourth in 2011. In 2012 wine grape acreage increased (18.9%), yield per acre increased (24.6%), the price per ton increased (8.6%), resulting in a 60.9% increase in the wine grape production value. Although milk production remains as the number two commodity at \$58,586,000, it did decrease 7.6% from last year's record production. Sacramento's number three commodity, poultry, is another commodity that has shown significant increase, up 44.6% from 2011. Factors contributing to this increase include the fact that the number of chickens raised in Sacramento County doubled in 2012 even though the price per pound for chickens dropped 24%. The number of turkeys raised increased 15% and the price per pound increased 7%. It is interesting to note that rice is once again in Sacramento's ten leading farm commodities with an increase in total value of 142%. This is due to both an increase in planted acreage in 2012 and a significant increase in the unit price. Although the number of head and liveweight of cattle and calves decreased from 2011 due in part to drought and poor pasture conditions, the unit price was up due to lack of supply of cattle and therefore the overall total value did not change significantly. Nursery production decreased with the 2012 struggles of the building and housing industry.

This report represents estimated values based upon the most common first point of sale of the commodity. It must be emphasized that the values in this report are gross values and in no way reflect net income. These values do not take into account the various costs of production, marketing, or transportation.

I would like to thank the growers, organizations, government agencies, and individuals who provided the information that allows us to compile this report. I would also like to express my appreciation to our staff members that worked so hard on this report and especially to Laura McCready and Ramona Saunders for their compilations and acquisition of figures and Vicki Brewer for the report design.

Respectfully submitted,

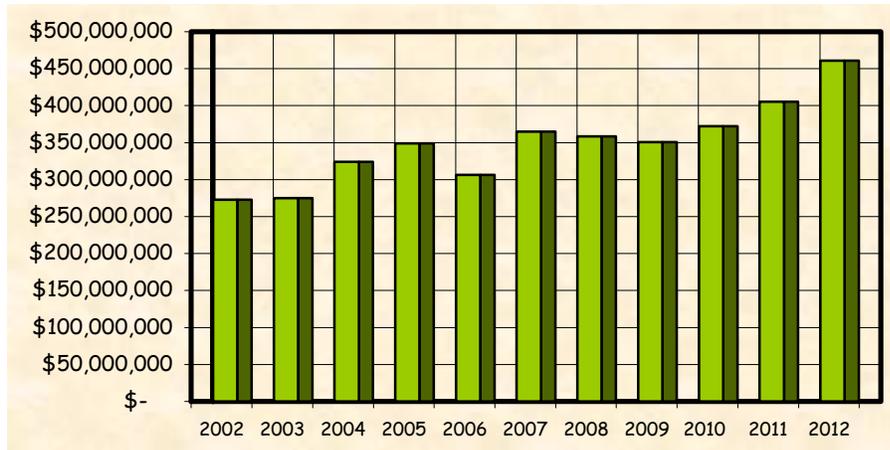
Juli Jensen  
Agricultural Commissioner

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[www.agcomm.saccounty.net](http://www.agcomm.saccounty.net)

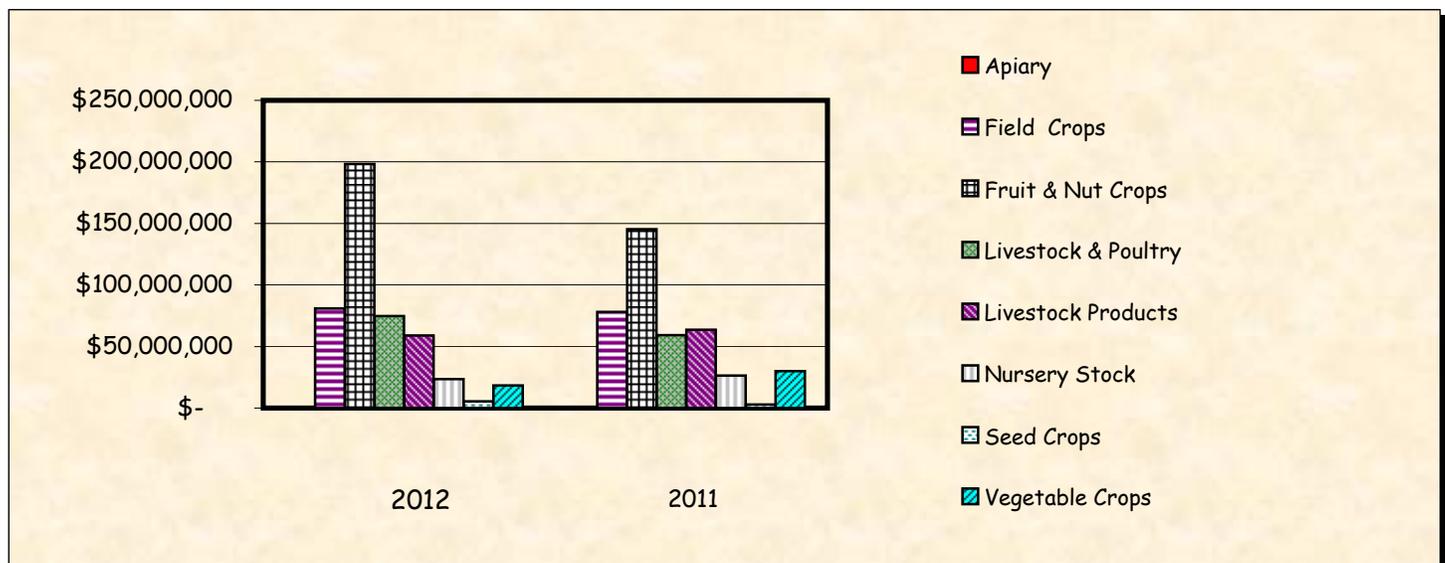
# GROSS VALUE OF AGRICULTURAL PRODUCTION 2002 - 2012

2012	\$	460,650,586
2011	\$	405,211,000
2010	\$	372,286,000
2009	\$	350,475,000
2008	\$	358,280,000
2007	\$	364,859,000
2006	\$	306,487,000
2005	\$	348,885,000
2004	\$	324,168,000
2003	\$	274,900,000
2002	\$	272,674,000



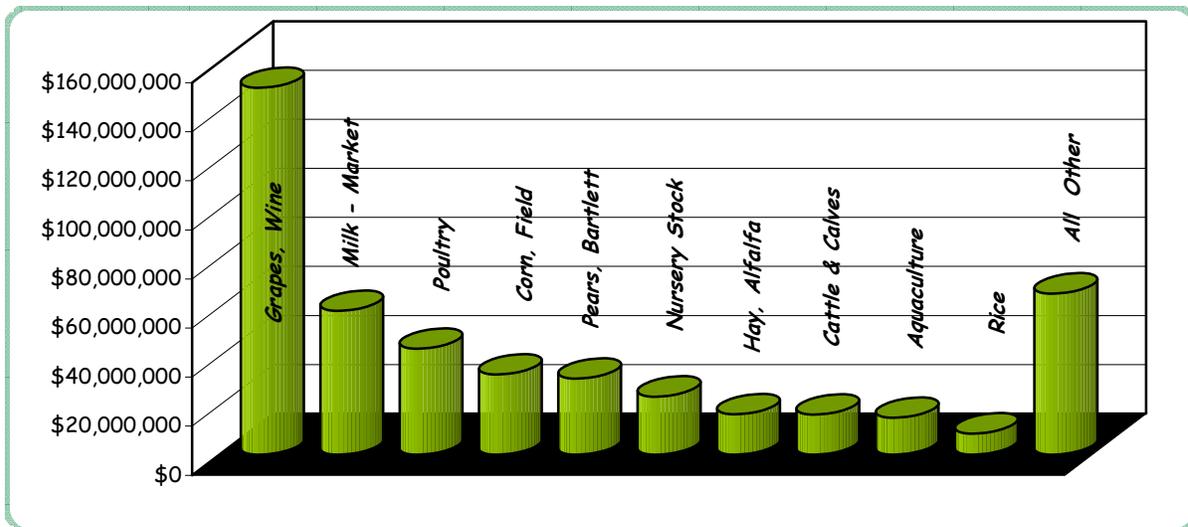
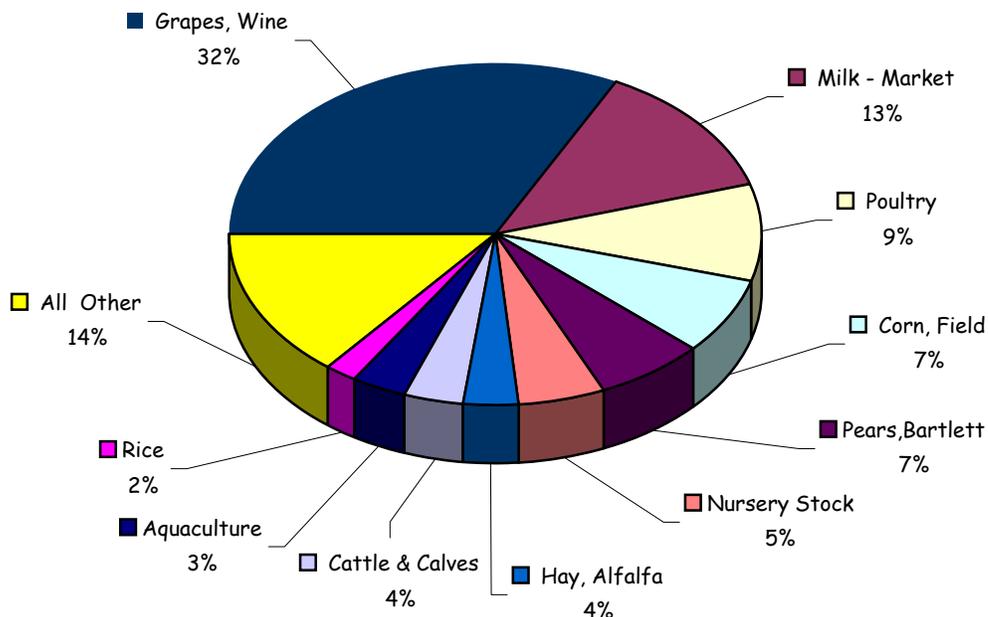
## SUMMARY OF PRODUCTION

	2012 Value of Production	2011 Value of Production
Apiary	\$ 50,000	\$ 51,000
Field Crops	\$ 81,030,000	\$ 78,059,000
Fruit & Nut Crops	\$ 198,334,000	\$ 145,179,000
Livestock & Poultry	\$ 74,804,586	\$ 59,141,000
Livestock Products	\$ 58,884,000	\$ 63,654,000
Nursery Stock	\$ 23,642,000	\$ 26,457,000
Seed Crops	\$ 5,511,000	\$ 2,759,000
Vegetable Crops	\$ 18,395,000	\$ 29,911,000



# THE TEN LEADING FARM COMMODITIES - 2012

Grapes, Wine	\$149,534,000
Milk - Market	58,586,000
Poultry	43,162,000
Corn, Field	32,658,000
Pears, Bartlett	30,975,000
Nursery Stock	23,642,000
Hay, Alfalfa	16,462,000
Cattle & Calves	16,322,000
Aquaculture	15,022,000
Rice	8,623,000
All Other	65,664,586



# FIELD CROPS

Item	Year	PRODUCTION			VALUE		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Corn, Field	2012	28,521	5.2	148,310	TON	220.20	32,658,000
	2011	26,889	5.1	137,130	TON	208.90	28,646,000
Corn, Silage	2012	5,708	26.9	153,550	TON	40.00	6,142,000
	2011	9,542	27.4	261,450	TON	38.80	10,144,000
Hay, Alfalfa	2012	12,584	6.4	80,500	TON	204.50	16,462,000
	2011	15,812	5.8	91,700	TON	212.70	19,505,000
Hay, Grain (Oat and wheat)	2012	304	2.9	880	TON	151.20	133,000
	2011	1,380	3.7	5,110	TON	170.00	869,000
Hay, Other (Forage and pasture hay)	2012	2,575	2.75	7,080	TON	205.40	1,454,000
	2011	2,400	2.5	6,000	TON	184.70	1,108,000
Oats	2012	787	3.3	2,600	TON	158.40	412,000
	2011	2,139	3.7	7,910	TON	112.00	886,000
Oat, Silage	2012	4,725	12.9	60,950	TON	22.90	1,396,000
	2011	3,260	13.1	42,710	TON	23.80	1,016,000
Pasture Irrigated	2012	17,700			ACRE	140.00	2,478,000
	2011	17,700			ACRE	140.00	2,478,000



# Farmers Feed The World



Item	Year	PRODUCTION			VALUE			
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total	
Range	2012	61,000			ACRE	\$ 25.00	\$ 1,525,000	
	2011	61,000			ACRE	\$ 25.00	\$ 1,525,000	
Rice	2012	5,899	4.2	24,780	TON	348.00	8,623,000	
	2011	3,478	4.2	14,610	TON	243.50	3,558,000	
Ryegrass	2012	3,450	3	10,350	TON	70.20	727,000	
	2011	2,975	3.2	9,520	TON	86.30	822,000	
Safflower	2012	1,934	1.0	1,930	TON	502.10	969,000	
	2011	3,197	0.9	2,880	TON	489.30	1,409,000	
Sudangrass	2012	2,020	3.4	6,870	TON	140.30	964,000	
	2011	1,012	1.5	1,520	TON	130.00	198,000	
Wheat	2012	5,665	2.6	14,730	TON	221.80	3,267,000	
	2011	11,252	1.8	19,920	TON	192.00	3,825,000	
Misc. Field	2012	4,015	Barley, dry beans, misc. silage, sorghum milo, sunflower, triticale, and organic rice					3,820,000
	2011	2,965	Barley, dry beans, misc. silage, sorghum milo, sunflower, triticale, and organic rice					2,070,000
Total	2012	156,887				\$	81,030,000	
	2011	165,001				\$	78,059,000	

# FRUIT AND NUT CROPS

Item	Year	P R O D U C T I O N				V A L U E		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total	
Apples	2012	346	14.2	4,913	TON	\$ 392.40	\$ 1,928,000	
	2011	301	14.4	4,334	TON	\$ 222.20	\$ 963,000	
Cherries	2012	1,036	2.9	3,004	TON	2,472.80	7,429,000	
	2011	1,197	2.2	2,633	TON	3,280.00	8,638,000	
Grapes, Wine	2012	32,365	8.1	262,157	TON	570.40	149,534,000	
	2011	27,231	6.5	177,002	TON	525.00	92,926,000	
Pears	2012	5,381	21.6	116,230	TON	266.50	30,975,000	
	2011	5,560	26.2	145,672	TON	225.00	32,776,000	
Strawberries	2012	91.0	4.5	410	TON	3,000.00	1,229,000	
	2011	112.0	4.0	448	TON	3,000.00	1,344,000	
Walnuts	2012	926.0	1.6	1,482	TON	2,575.80	3,816,000	
	2011	785.0	2.3	1,782	TON	2,040.30	3,636,000	
Miscellaneous	2012	621					3,423,000	
	2011	822					4,896,000	
Total	2012	40,766					\$ 198,334,000	
	2011	36,008					\$ 145,179,000	



# APIARY PRODUCTS



**Apiary Products**

2012 Honey and pollination  
2011 Honey and pollination



V A L U E

\$50,000  
\$51,000

# LIVESTOCK AND POULTRY

Item	Year	PRODUCTION			VALUE		
		No. of Head	Liveweight	Unit	Per Unit	Total	
Cattle & Calves	2012	26,606	165,402	CWT	\$ 98.68	\$ 16,322,000	
	2011	26,647	164,984	CWT	\$ 94.36	\$ 15,568,000	
Aquaculture	2012					15,022,000	
	2011					13,494,000	
Poultry	2012	Chickens and Turkeys				43,162,000	
	2011	Chickens and Turkeys				29,840,000	
Livestock Other	2012	Hogs & pigs, goats, and sheep				298,586	
	2011	Hogs & pigs, goats, and sheep				239,000	
Total	2012				\$	74,804,586	
	2011				\$	59,141,000	



# LIVESTOCK PRODUCTS

Item	Year	PRODUCTION		VALUE		
		Production	Unit	Unit	Total	
Milk-Market	2012	3,446,255	CWT	\$ 17.00	\$ 58,586,000	
	2011	3,371,860	CWT	\$ 18.81	\$ 63,425,000	
Milk-Manufacturers	2012	1,047	CWT	19.00	20,000	
	2011	3,200	CWT	17.81	57,000	
Miscellaneous	2012	wool and poultry manure			278,000	
	2011	wool and poultry manure			172,000	
Total	2012			\$	58,884,000	
	2011			\$	63,654,000	



# SEED CROPS

Item	Year	P R O D U C T I O N			V A L U E		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Clover	2012	889	309.0	274,700	LB	1.66	456,000
	2011	1,012	334.0	338,000	LB	1.28	433,000
Sudan	2012	2,374	2375.0	5,638,300	LB	0.49	2,763,000
	2011	960	2710.0	2,601,600	LB	0.48	1,249,000
Miscellaneous	2012	632	Alfalfa, corn, cucumber, eggplant, melon, oat, onion, pumpkin, squash, tomatillo, tomato, and watermelon				2,292,000
	2011	345	Alfalfa, barley, cucumber, eggplant, melon, oat, onion, pepper, pumpkin, safflower, squash, tomatillo, tomato, and watermelon				1,077,000
Total	2012	3,895					\$5,511,000
	2011	2,317					\$2,759,000

# NURSERY STOCK

Item	Year	Harvested Acreage		Value
Nursery Stock	2012	* 396	Ornamental trees and shrubs, christmas trees, and turf grass	\$ 23,642,000
	2011	* 486	Ornamental trees and shrubs, christmas trees, and turf grass	\$ 26,457,000
Total	2012	* 396		\$ 23,642,000
	2011	* 486		\$ 26,457,000

\*Amount reported



# VEGETABLE CROPS

Item	Year	PRODUCTION			VALUE		
		Harvested Acreage	Per Acre	Total Unit	Per Unit	Total	
Squash	2012	see misc.		0 TON		-	
	2011	331	6.8	2,251 TON	553.10	1,245,000	
Tomatoes, Fresh	2012	see misc.		0 TON		-	
	2011	351	7.9	2,773 TON	1,600.00	4,437,000	
Tomatoes, Processed	2012	2,638	37.3	98,397 TON	70.45	6,932,000	
	2011	3,203	37.5	119,952 TON	71.40	8,565,000	
Miscellaneous	2012	2,223				11,463,000	
	2011	2,706				15,664,000	
<b>Total</b>							
	2012	4,861				\$ 18,395,000	
	2011	6,591				\$ 29,911,000	



### Light Brown Apple Moth

Sacramento County farmers and nurserymen continued to be affected by the quarantine for Light Brown Apple Moth (LBAM) in 2012. LBAM is a small non-descript moth with big domestic and international export implications. LBAM is recognized internationally as a destructive insect pest capable of damaging a wide range of agricultural crops and ornamental plants. Until 2009, Light Brown Apple Moth (LBAM) was not known to occur on the US mainland - although it had infested Hawaii since the late 1800's. In 2012, LBAM could be found in all of the bay area counties, the Delta and several southern California counties.

A federal quarantine was imposed that limited movement of fruit and vegetables outside the known infested areas. In Sacramento County, fields of pears, cherries, apples and other host commodities were required to be inspected within 30 days of harvest in order to leave the quarantine boundaries. Production nurseries located in the infested areas received monthly inspections in order to ship plants; some nurseries with LBAM larval detections were required to treat their plants with insecticide before their plants could be moved. There are no plans to eradicate LBAM from Sacramento County. Detection trapping will continue in the un-infested areas to verify freedom of the pest indefinitely.

### Japanese Beetles Invade Fair Oaks!

The Japanese beetle (JB) eradication project in Fair Oaks continued into its third year in 2012 with over 700 detection traps monitoring a 49 square mile area just east of the Sunrise Mall. The infestation was first discovered in 2010 after county detection trappers found a lone JB in a trap at a residential property. Two more beetles were trapped in 2011 and an eradication project was triggered. Properties within 200 meters of each find site were treated twice using a foliar spray for the adult JB's and a soil treatment for the immature grubs.



Illustration by Joel Floyd - USDA, APHIS, PPG

In 2012, officials from both state and county agriculture departments were disappointed to detect 4 more adult beetles in the same general area. 23 more properties were added to the treatment area as the quarantine boundaries expanded. Trap numbers were increased in an effort to pin down the infestation - many property owners had at least 2 traps placed in their yards. Pesticide applications were increased to 5 treatments –repeated every two weeks in hopes of getting a handle on the population. The increased trap surveillance will continue through 2014 with high hopes of not finding additional beetles.



JB is not native to California and there is zero tolerance for its detection. Japanese beetle was first discovered in the United States in 1916 in New Jersey. It has since spread to most states east of the Mississippi and some isolated infestations farther west. JB larva feed on grass roots - damaging lawns, golf courses, pastures and natural areas. The mature beetle feeds on foliage, fruit and flowers of over 300 species of plants.

### **Pest Detection Trapping**

Each year from May through October, seasonal insect trappers deploy and maintain over 7,800 detection traps throughout the county. Most of these traps are placed on residential properties with the permission of the homeowner. After a specified duration of time, the trap is then moved to a new location – testing yet another neighborhood - similar to fishing! These traps are useful in letting us know as early as possible that a destructive pest with known economic impact is in our county. The insect traps not only allow Sacramento farmers and nurseries to be on guard, but also serve as official verification to other states and countries that our agricultural commodities are free from pests. In 2012, only Light Brown Apple Moth was detected in Sacramento County.

In 2012, the following numbers of traps were deployed:

Mediterranean Fruit Fly	1120	Glassy-winged Sharpshooter (residential)	1075
Oriental Fruit Fly	550	Glassy-winged Sharpshooter (nursery)	1170
Melon Fruit Fly	550	Light Brown Apple Moth (detection)	400
McPhail (all purpose)	550	Light Brown Apple Moth (nursery)	97
Japanese Beetle*	456	Light Brown Apple Moth (cropland)	198
Gypsy Moth	550	Asian Citrus Psyllid	1087

*\*These Japanese Beetle detection traps are separate from the JB eradication project traps in Fair Oaks maintained by the California Department of Food and Agriculture.*

## PEST EXCLUSION / PLANT QUARANTINE

Exotic pests are considered to be those that are found in locations that are not native to that species. In a new environment a pest may find the temperature, availability of food and shelter, and lack of enemies conducive to a very good life! Exotic pests don't need to be shipped here on purpose – they may “hitchhike” on all manner of things – plants, wooden pallets, boats, imported carvings, luggage – and countless other means of transport. Sacramento County inspectors spent over 1800 hours inspecting incoming shipments. Trucks from out of state, airfreight at the airport, outdoor household articles from Gypsy Moth quarantine areas, shipments at FedEx and UPS are but a sampling of the types of inspections done. Below are a few of the notable pest interceptions:

Scientific Name	Common Name
Alerodiscus dispersus	Spiraling whitefly
	Aphid
	Katydid
Pseudococcus landoi	Landoy Mealybug
Kallitaxila granulata	Grainy planthopper



Laura McCready, Sr. Ag /  
Standards Inspector inspecting  
rambutans from Vietnam.

Photo by Ramona Saunders, Deputy Agricultural  
Commissioner

# SACRAMENTO COUNTY CERTIFIED FARMER'S MARKETS - 2013 Schedule

## MONDAY

Kaiser Permanente - Pointe West	1650 Response Rd, Sacramento	9:30 am to 1:30 pm / April - Dec
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## TUESDAY

Fremont Park	15th & P Street, Sacramento	10 am to 1:30 pm / May - September
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Roosevelt Park	9th and P Street, Sacramento	10 am to 1:30 pm / May - September
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Mission Oaks @ Swanston Park	2350 Northrop Ave, Sacramento	3 pm to 7 pm / June - November
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## WEDNESDAY

Chavez Plaza	10th & J Streets (Front of City Hall)	10 am to 1:30 pm / May - October
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Be Money Smart USA-Fair Oaks Pk	7003 Park Dr, Fair Oaks	3 pm to 7 pm / June - November
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Be Money Smart USA - VA Mather	10535 Hospital Way, Mather	9 am to 1 pm / June - November
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## THURSDAY

Folsom Palladio Farmers' Mkt	East Bidwell and Iron Point Rd	8:30 am to 1 pm / May - August
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Florin Sears	Florin Rd & 65th Street (Front-Sears)	8 am to Noon / All Year
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Capital Mall CFM	Between 5th and 6th Street	10 am to 1:30 pm / May - September
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East End Capital Park	15th & L Street, Sacramento	10 am to 1:30 pm / May - September
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UC Davis Medical Market	45th & X Street, Sacramento	3 pm to 7:30 pm / May - October
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ASI - Sac State Farmers Mkt	College Town Drive, Sacramento	10 am to 2 pm / Aug 8th & 22nd
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Orangevale Farmers Market	Greenback & Walnut, Orangevale	3 pm to 8 pm / May - October
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## FRIDAY

Kaiser Permanente - Morse Ave	2025 Morse Avenue, Sacramento	9:30 am to 1:30 pm / April - November
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## SATURDAY

County Club Plaza	Watt & El Camino (Butano Dr Parking Lot)	8 am to Noon / All Year
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Oak Park Farmers Mkt	3500 35th Street (35th & 5th Ave)	9 am to 1 pm / May - October
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Be Money Smart USA FM	6196 Sunrise Mall, Citrus Heights	8 am to 1 pm / All Year
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Elk Grove /Laguna	Laguna Gateway Shopping Center	8 am to Noon / All Year
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Historic Folsom Farmers Mkt	915 Sutter Street, Folsom	8 am to 1 pm / All Year
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Midtown Farmers Market	2020 J Street, Sacramento	8 am to 1 pm / April - January 2014
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Sunrise Station Certified FM	Folsom & Sunrise Blvd (light Rail Pking Lot)	8 am to Noon / All Year
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Natomas	3637 N Freeway Blvd (Promenade Shopping Ctr)	8 am to Noon / May - October
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## SUNDAY

Sunday Central	8th & W Streets - State Parking Lot	8 am to Noon / All Year
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For Certified Farmer's Markets throughout the state visit: [www.cafarmersmarkets.com](http://www.cafarmersmarkets.com)

## PERSONNEL - Sacramento Office

Juli D Jensen, Agricultural Commissioner /  
Director of Weights & Measures  
Diana Acosta, Deputy Agricultural Commissioner  
Jackson McCarty, Deputy Agricultural Commissioner  
Ramona Saunders, Deputy Agricultural Commissioner  
Vicki Brewer, IT Analyst

### ADMINISTRATIVE SERVICES

Teresa Adams - Administrative Services Officer  
Paula Butler - Office Assistant II  
Patty Kirtley - Sr Account Clerk Conf.  
Priscilla West - Sr Office Assistant

### INSPECTORS

Lisa Arbegast	Laura McCreedy	Lisa Rutherford
Christina Evans	Vince Nyvall	Gerry Zepeda
Dori Kelsey	Gafar Omar	<u>Sr Ag &amp; Stds Insp Aide</u>
Randon Krieg	Morgan Glass	Adrian Ramos
Parminder Malhi	Jason Sanguinetti	Misty Calhoun

CANINE HANDLER / INSPECTOR : Jennifer Berger

CANINE INSPECTOR : Dozer

## SATELLITE OFFICES

Galt Office -  
Deborah Thompson, Deputy Agricultural Commissioner

INSPECTORS  
Walnut Grove Office - Karen Vietheer  
Danny Sarracino

## CONTACT INFORMATION

<b>Sacramento Office</b>	4137 Branch Center Rd. Sacramento CA, 95827-3897 Office Hours: 8 am - 4 pm Closed from Noon - 1 pm	Phone: (916) 875-6603 Fax: (916) 875-6150 E-Mail: <a href="mailto:AGCOMM@saccounty.net">AGCOMM@saccounty.net</a>
<b>Galt Office</b>	520 N Lincoln Way, Suite 3 Galt, CA 95632 Office Hours: call for appointment	Phone: (209) 745-4109 Fax: (209) 745-1128
<b>Walnut Grove Office</b>	14177 Market Street Walnut Grove, CA 95690 Office Hours: call for appointment	Phone: (916) 776-1400 Fax: (916) 776-1394
<b>Web Address</b>	<a href="http://www.AgComm.saccounty.net">www.AgComm.saccounty.net</a>	

## BOARD OF SUPERVISORS

Phil Serna	District 1
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Don Nottoli	District 5