

SACRAMENTO COUNTY



2014 Crop & Livestock Report

**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 Phil Serna
District 2 Patrick Kennedy
District 3 Susan Peters
District 4 Roberta MacGlashan
District 5 Don Nottoli

I am pleased to submit the 2014 Sacramento County Annual Crop and Livestock Report in accordance with Sections 2272 and 2279 of the California Food and Agriculture Code. 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. 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.

Despite the severe drought conditions of 2014, Sacramento County's 2014 crop production value of \$495,379,000 is the highest ever recorded for the county and represents a 7.7% increase over the 2013 crop production value. Although much of the Central Valley is dependent on surface water for irrigation, Sacramento County producers rely primarily on ground water from their wells to produce our crops. This does not mean that Sacramento County has escaped unscathed as continued drought conditions fail to recharge our groundwater supplies and can seriously deplete our groundwater reserves.

Wine grapes continue to top the Sacramento County crop values at \$130,864,000 but they now represent only 27% of Sacramento County's production value rather than the 30% that they represented in 2013. Wine grape yields were decreased in 2014 partly due to weather conditions but also partly due to older vines being pulled out and replaced by new young vines that are not in production yet. Milk production remains as the number two commodity at \$76,171,000 which is an 18% increase over the 2013 value due to an increase in the price of milk. Significant increases in price kept pears as the third leading commodity even though the acreage decreased slightly. Sacramento County remains as the number one county for production of pears in California. Poultry remained in fourth place as its value experienced an 8% growth over 2013. Field corn value, although still in the top ten, dropped significantly due mainly to a decrease in acreage planted (down 23%). It is interesting to note during a drought that rice not only remained in Sacramento's ten leading farm commodities but also increased in value by 30% due again primarily to an increase in price. Although the liveweight of cattle and calves sold decreased from 2013, the price increased so significantly (up 68%) that overall cattle and calves increased by 62% in value. Nursery production which appeared to have leveled off last year after the housing slump started to recover has again dropped in acreage in anticipation of less landscape plantings due to the continuing drought. Another item of interest is that our young walnut orchards are starting to come into production causing a doubling of yield per acre and with over a \$1000 per ton increase in price, showed an overall increase of 163%.

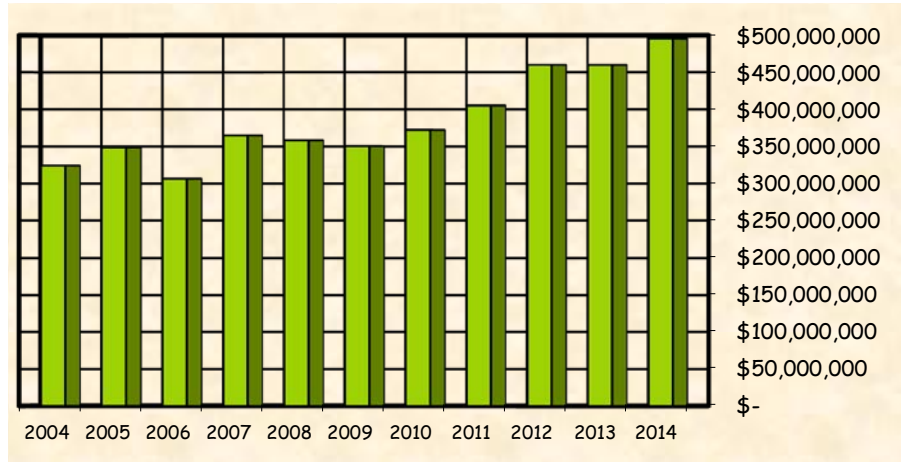
I would like to thank the growers, producer organizations, and government agencies that provide the information that allows us to compile this report. I would also like to express my appreciation to our staff members, Laura McCready and Ramona Saunders, who worked so hard on this report and to our IT Analyst, Vicki Brewer, for the report design.

Respectfully submitted,

Juli Jensen
Agricultural Commissioner

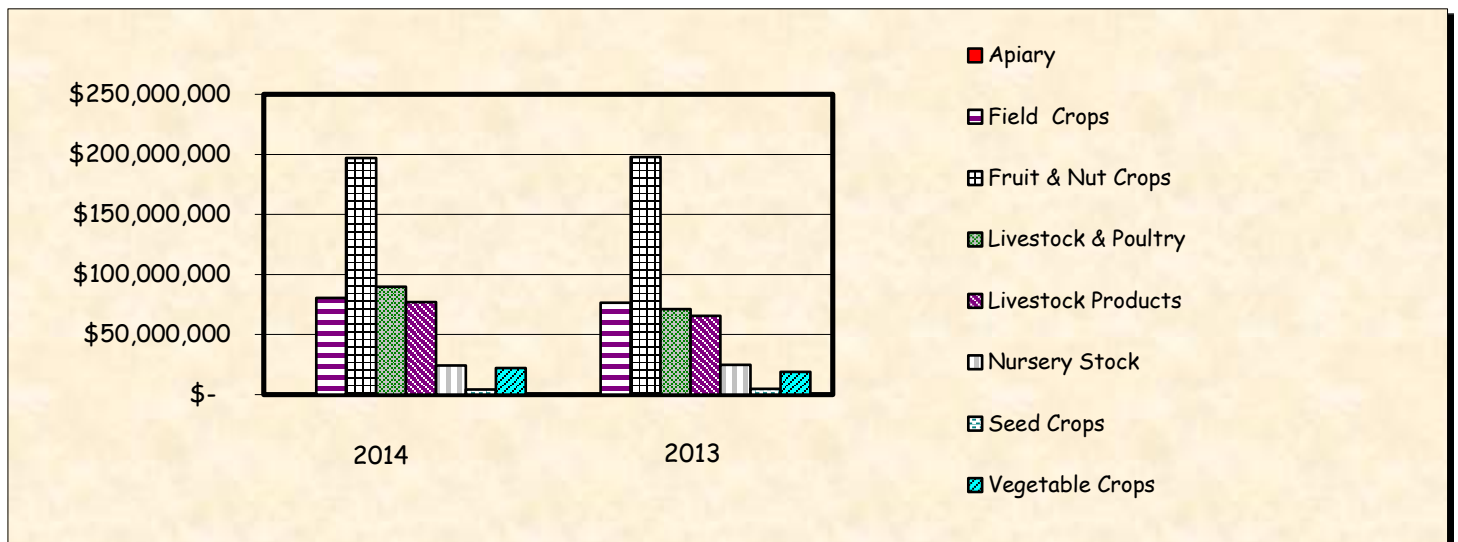
GROSS VALUE OF AGRICULTURAL PRODUCTION 2004 - 2014

2014	\$	495,379,000
2013	\$	459,957,055
2012	\$	460,133,586
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



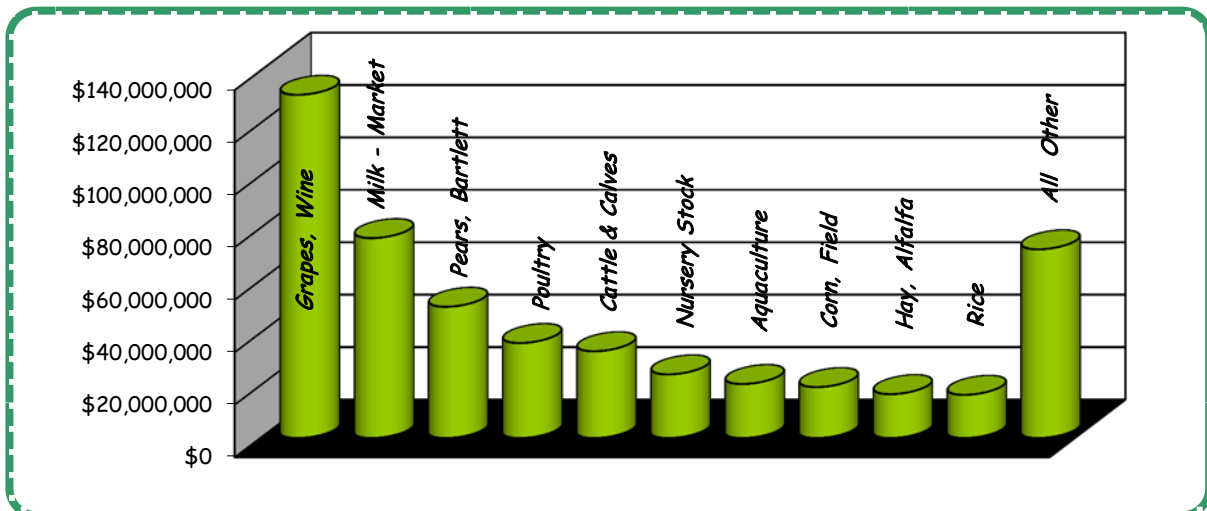
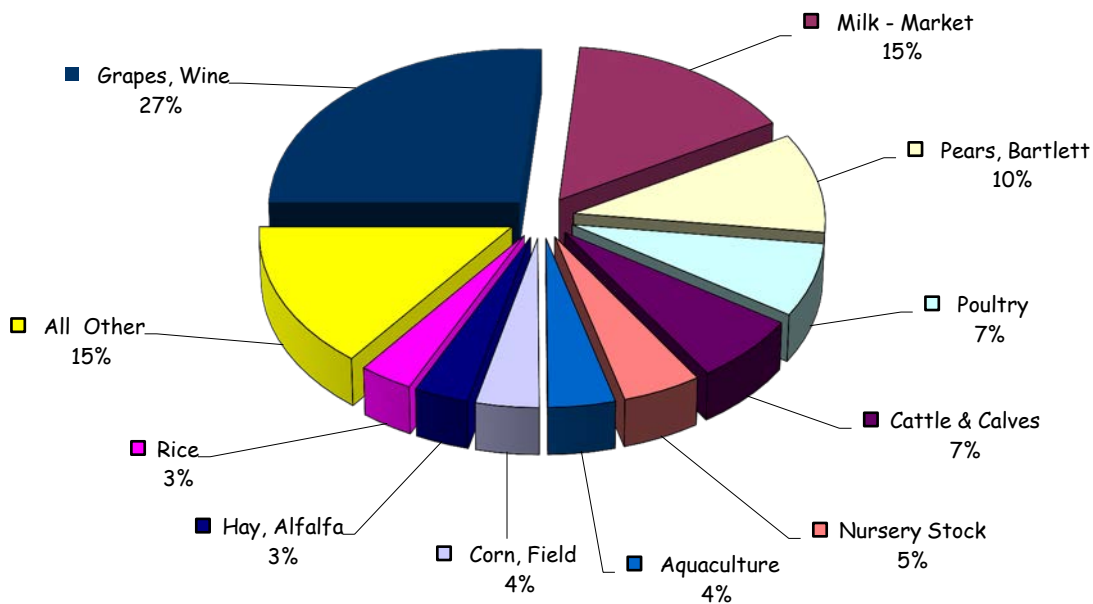
SUMMARY OF PRODUCTION

	2014 Value of Production	2013 Value of Production
Apiary	\$ 231,000	\$ 58,000
Field Crops	\$ 80,600,000	\$ 76,565,000
Fruit & Nut Crops	\$ 196,923,000	\$ 197,863,000
Livestock & Poultry	\$ 89,953,000	\$ 71,309,055
Livestock Products	\$ 76,994,000	\$ 65,526,000
Nursery Stock	\$ 24,229,000	\$ 24,916,000
Seed Crops	\$ 4,254,000	\$ 4,811,000
Vegetable Crops	\$ 22,195,000	\$ 18,909,000



THE TEN LEADING FARM COMMODITIES - 2014

Grapes, Wine	\$130,864,000
Milk - Market	76,171,000
Pears, Bartlett	49,994,000
Poultry	36,169,000
Cattle & Calves	33,037,000
Nursery Stock	24,229,000
Aquaculture	20,545,000
Corn, Field	19,366,000
Hay, Alfalfa	16,689,000
Rice	16,422,000
All Other	71,893,000



FIELD CROPS

Commodity	Year	Harvested Acreage	Per Acre Yield	Total Yield	Unit	Price Per Unit	Total Value
Corn, Field	2014	21,577	5.2	112,200	TON	172.60	19,366,000
	2013	28,110	5.3	148,980	TON	175.40	26,131,000
Corn, Silage	2014	6,875	25.6	176,000	TON	41.60	7,322,000
	2013	6,178	26.5	163,720	TON	40.50	6,631,000
Hay, Alfalfa	2014	14,241	5.1	72,600	TON	229.87	16,689,000
	2013	12,934	5.0	64,700	TON	195.70	12,662,000
Hay, Oat	2014	4,965	2.8	13,900	TON	228.00	3,169,000
	2013	3,082	1.9	5,860	TON	157.32	922,000
Hay, Other (Forage and pasture hay)	2014	1,531	2.50	3,830	TON	171.70	658,000
	2013	1,425	1.87	2,660	TON	137.46	366,000
Oats	2014	1,396	1.6	2,230	TON	313.40	699,000
	2013	see misc.			TON		-
Misc Silage or Greenchop	2014	3,674	12.7	46,660	TON	28.40	1,325,000
	2013	5,441	12.3	67,140	TON	29.61	1,988,000
Pasture Irrigated	2014	16,800			ACRE	140.00	2,352,000
	2013	17,500			ACRE	140.00	2,450,000

FIELD CROPS *continued*

Don't Take America's Farmers for Granted

Commodity	Year	Harvested Acreage	Per Acre Yield	Total Yield	Unit	Price Per Unit	Total Value
Range	2014	59,000			ACRE	\$ 25.00	\$ 1,475,000
	2013	60,000			ACRE	\$ 25.00	\$ 1,500,000
Rice	2014	8,589	4.5	38,650	TON	424.90	16,422,000
	2013	8,363	4.4	36,800	TON	343.20	12,630,000
Ryegrass	2014	4,855	1.8	8,740	TON	126.80	1,108,000
	2013	3,393	3	10,180	TON	140.20	1,427,000
Safflower	2014	1,590	1.4	2,230	TON	493.30	1,100,000
	2013	2,356	1.4	3,300	TON	518.31	1,710,000
Sudangrass	2014	1,933	2.2	4,250	TON	165.50	703,000
	2013	2,301	5.0	11,510	TON	131.43	1,513,000
Sunflower	2014	1,590	1.4	2,230	TON	493.30	1,100,000
	2013	912	1.5	1,370	TON	590.00	808,000
Wheat	2014	9,229	2.8	25,840	TON	227.50	5,879,000
	2013	6,946	3.0	20,840	TON	242.31	5,050,000
Misc. Field	2014	1,419	Barley, dry beans, hops, and triticale				1,233,000
	2013	3,191	Barley, dry beans, clover, hops, and oat grain				777,000
Total	2014	159,264				\$ 80,600,000	
	2013	162,131				\$ 76,565,000	

FRUIT AND NUT CROPS

Commodity	Year	Harvested Acreage	Per Acre Yield	Total Yield	Unit	Price Per Unit	Total Value
Cherries	2014	1,229	0.8	1,032	TON	4,044.50	4,175,000
	2013	1,256	1.8	2,260	TON	3,026.96	6,842,000
Grapes, Wine	2014	29,970	7.5	224,775	TON	582.20	130,864,000
	2013	31,522	8.4	264,785	TON	533.29	141,207,000
Pears	2014	5,184	20.0	103,680	TON	482.20	49,994,000
	2013	5,264	21.1	111,068	TON	383.82	42,630,000
Strawberries	2014	99.9	3.0	300	TON	* 4,000.00	1,199,000
	2013	100.4	3.0	301	TON	* 3,999.00	1,204,000
Walnuts	2014	746.0	2.4	1,790	TON	3,877.40	6,942,000
	2013	800.5	1.2	993	TON	2,658.57	2,639,000
Miscellaneous	2014	593	Almonds, apples, apricots, blackberries, blueberries, chestnuts, citrus, figs, kiwis, nectarines, olives, peaches, pistachios,				3,749,000
	2013	482	Almonds, apples, apricots, chestnuts, blueberries, kiwis, nectarines, olives, peaches, organic pears, pistachios,				3,341,000
Total	2014	37,822					\$196,923,000
	2013	39,424					\$ 197,863,000

Photo by: Randon Krieg, Sr. Ag & Standards Inspector

APIARY PRODUCTS



Apiary Products

2014 Honey and pollination
2013 Honey and pollination

V A L U E

\$231,000
\$58,000

Photo by: Ramona Saunders, Deputy Ag Commissioner

LIVESTOCK AND POULTRY

Commodity	Year	No. of Head	Liveweight	Unit	Price Per Unit	Total Value
Cattle & Calves	2014	28,700	199,295	CWT	\$ 165.77	\$ 33,037,000
	2013	28,374	206,197	CWT	\$ 98.77	20,366,000
Aquaculture	2014					20,545,000
	2013					17,165,000
Poultry	2014	Chickens and Turkeys				36,169,000
	2013	Chickens and Turkeys				33,489,000
Livestock Other	2014	Hogs & pigs, goats, and sheep				202,000
	2013	Hogs & pigs, goats, and sheep				289,055
Total	2014				\$	89,953,000
	2013				\$	71,309,055

LIVESTOCK PRODUCTS

Commodity	Year	Production	Unit	Price Per Unit	Total Value
Milk-Market	2014	3,403,545	CWT	\$ 22.38	\$ 76,171,000
	2013	3,449,989	CWT	\$ 18.74	64,653,000
Milk-Manufacturers	2014	777	CWT	23.17	18,000
	2013	1,256	CWT	18.31	23,000
Miscellaneous	2014	wool and poultry manure			805,000
	2013	wool and poultry manure			850,000
Total	2014			\$	76,994,000
	2013			\$	65,526,000

SEED CROPS

Commodity	Year	Harvested Acreage	Per		Total Yield	Unit	Price		
			Acre	Yield			Per Unit	Total Value	
Clover	2014	1,272	538.6		685,100	LB	2.00	1,370,000	
	2013	1,063	404.0		429,500	LB	1.70	730,000	
Sudan	2014	923	2335.0		2,155,200	LB	0.52	1,121,000	
	2013	2,055	2539.0		5,217,600	LB	0.50	2,609,000	
Sunflower	2014	see misc.			0	LB		-	
	2013	463	1037.0		480,100	LB	1.34	643,000	
Miscellaneous	2014	865	Carrot, cucumber, grass, onion, pumpkin, safflower, squash, and watermelon						1,763,000
	2013	671	Alfalfa, barley, carrot, cucumber, grass, oat, onion, pumpkin, safflower, squash, and watermelon						829,000
Total	2014	3,060						\$4,254,000	
	2013	4,252						\$4,811,000	

NURSERY STOCK

Commodity	Year	Harvested Acreage		Total Value
Nursery Stock	2014	523.6	Ornamental trees and shrubs, christmas trees, and turf grass	\$ 24,229,000
	2013	540.5	Ornamental trees and shrubs, christmas trees, and turf grass	\$ 24,916,000
Total	2014	523.6		\$ 24,229,000
	2013	540.5		\$ 24,916,000

VEGETABLE CROPS

Commodity	Year	Harvested Acreage	Per Acre Yield	Total Yield	Unit	Price Per Unit	Total Value
Pumpkin	2014	see misc.		0	TON		-
	2013	281	18.5	5,199	TON	100.00	520,000
Tomatoes, Processed	2014	3,801	42.7	162,320	TON	82.70	13,424,000
	2013	1,766	44.5	78,587	TON	74.43	5,849,000
Miscellaneous	2014	1,855	Artichokes, asparagus, beans, beets, broccoli, carrots, corn, cucumbers, eggplants, garlic, gourds, leafy greens, melons, okra, onions, peppers, potatoes, pumpkin, squash, tomatoes, and				8,771,000
	2013	1,417	Artichokes, asparagus, beans, beets, melons, carrots, cucumbers, eggplants, gourds, green onions, okra, peas, peppers, squash, and fresh tomatoes				12,540,000
Total	2014	5,656				\$ 22,195,000	
	2013	3,464				\$ 18,909,000	



2014 – More Japanese Beetles Caught in Fair Oaks... and now Carmichael!

Three more Japanese beetles were trapped in the Fair Oaks neighborhood where eradication efforts had been ongoing since 2010. After detecting no beetles in Fair Oaks in 2013, hopes ran high that the infestation may have been eradicated. Residents of the area had endured pesticide treatments of their properties in 2011 and 2012. The treatments consisted of repeated bi-weekly foliar sprays for adult beetles and an annual soil drench for the grubs. In 2013, no pesticides were applied. By June 2014 after finding more beetles, the same soil and foliar treatments were re-instated for 39 properties in the treatment area. The 2014 finds will re-set the clock on eradication efforts for the Fair Oaks area. It will now require 3 consecutive years to go by without finding any Japanese beetles in order to be officially declared free of the pest. That date will be in the fall of 2017.

By mid-summer, it was with surprise that 3 more beetles were discovered – but this time in a Carmichael neighborhood. These beetles were approximately 8 miles from the Fair Oaks eradication area. The three beetles were all found in the same trap. Additional monitoring traps were deployed until the number of traps in the 49 square mile area totaled 691. No additional beetles were found for the remainder of the summer. Treatment of the find site and all properties within 200 meters was carried out through the middle of September. 106 properties were affected. Additional traps will be deployed in 2015 to further assess the infestation.

Date	Fair Oaks	Carmichael
August 5, 2010	1 Female	
July 12, 2011	1 Female	
July 12, 2011	1 Female	
June 6, 2012	1 Female	
June 19, 2012	1 Female	
June 19, 2012	1 Male	
June 21, 2012	1 Female	
2013	0	
May 14, 2014		2 Males, 1 Female
May 16, 2014	1 Male	
May 20, 2014	1 Male	
May 22, 2014	1 Male	
Total Finds	10	3

Pest Detection Trapping

Each year from May through October, seasonal insect trappers deploy and maintain over 6,872 detection traps throughout the county. Most of these traps are placed on residential properties with the permission of the homeowner. 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 2014, Japanese beetle and Gypsy moth were detected in Sacramento County. Because of these limited detections, no official quarantines were enacted but continuous monitoring and treatment must occur until no further evidence of either pest is found. If the pests are found in additional areas, quarantine holds may be necessary.

In 2014, the following numbers of traps were deployed:

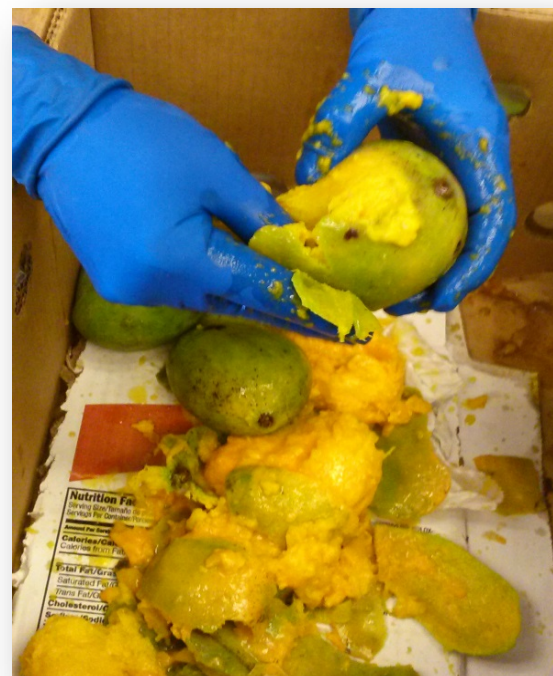
Mediterranean Fruit Fly	1282	Glassy-winged Sharpshooter (residential)	1236
Oriental Fruit Fly	580	Glassy-winged Sharpshooter (nursery)	784
Melon Fruit Fly	577	Light Brown Apple Moth (detection)	538
McPhail (all purpose)	576	Light Brown Apple Moth (nursery)	87
Japanese Beetle*	475	Light Brown Apple Moth (cropland)	54
Gypsy Moth	615	Khapra Beetle	62
European Grapevine Moth	6		

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

Sacramento County Agricultural Inspectors profiled over 7,200 shipments moved by air freight, rail and truck. UPS and FedEx facilities were also inspected (part time) for shipments that might be carrying potential pests of agriculture and the environment.

Below are a few of the notable pest interceptions:

Genus	Specie	Common Name
Veronicella	cubensis	Cuban slug
Kallitaxila	granulata	Grainy planthopper
Pheidole	sp.	Ant
Hommalodisca	vitripennis	Glassy-winged Sharpshooter
Tetranychus	sp.	mite
Auchenorrhyncha	sp.	Planthopper
Nymphae	sp.	Aquatic plant
Cabomba	sp.	Aquatic plant



Senior Ag Inspectors Laura McCready and Parminder Malhi inspect mangoes and litchis from India for fruit fly larva and surface pests.

Canine Detection Program

In 2014 the Sacramento County Ag Detector Dog team, consisting of Dozer and his handler Jennifer Berger, continued to protect California agriculture by finding record numbers of pests “hitchhiking” in postal shipments containing plant material. These shipments were destined for many northern counties besides Sacramento including San Joaquin, Placer, Yolo, Shasta, Stanislaus, Siskiyou, Nevada, Butte and Sutter. The introduction of just one infested piece of fruit can cost California thousands of dollars in damaged fruits and vegetables, increased pesticide usage and lost international trading partners.

To stress the importance of not moving uninspected fruits and vegetables, Dozer became a poster boy for the “Don’t Pack a Pest!” campaign. The poster was displayed at the 2nd Annual Farm to Fork celebration on the Capitol Mall. Dozer and handler Jennifer Berger also treated the crowd with demonstrations of how they go about detecting unmarked packages needing inspection. The demos culminated with Dozer missing just one package – a box containing a birthday present for him – and no plant material. Good job Dozer - And Happy Birthday!



Dozer and Sr. Ag Inspector, Randy Krieg pose for “Don’t Pack a Pest!” poster used at the Farm to Fork Celebration



Dozer celebrates his birthday at Farm to Fork

SACRAMENTO COUNTY CERTIFIED FARMER'S MARKETS - 2015 Schedule

MONDAY

Kaiser Permanente - Pointe West 1650 Response Rd, Sacramento 9:30 am to 2 pm / Feb - Dec

TUESDAY

Fremont Park 16th & P Street, Sacramento 10 am to 1:30 pm / May - September

Roosevelt Park 9th and P Street, Sacramento 10 am to 1:30 pm / May - September

WEDNESDAY

Chavez Plaza 950 J Streets (inside the park), Sac 10 am to 1:30 pm / May - October

Fair Oaks Sunset Farmers Mkt 8101 Sunset Ave, Fair Oaks 3 pm to 7:30 pm / Year round

THURSDAY

Florin Sears Florin & 65th Street (Front-Sears) 8 am to Noon / Year round

Capital Mall CFM 600 Capital Mall (in street), Sac 10 am to 1:30 pm / May - September

Mack Road Valley Hi Farmers Mkt 7833 Center Parkway, Sacramento 4 pm to 8 pm / May - September

UC Davis Medical Market 45th & Y Street, Sacramento 3 pm to 7:30 pm / Year round

Orangevale Farmers Market corner of Greenback & Walnut 3 pm to 8 pm / Year round

FRIDAY

Kaiser Permanente - Morse Ave 2025 Morse Avenue, Sacramento 9:30 am to 2 pm / March - November

Natomas Farmers Market 2501 New Market Dr, Sacramento 4:30 pm to 8:30 pm / August - October

SATURDAY

County Club Plaza Watt & El Camino (Butano Dr Parking 8 am to Noon / Year round

Oak Park Farmers Mkt 3500 35th Street (35th & 5th Ave) 9 am to 1 pm / May - October

Be Money Smart USA Historic Folsom 915 Sutter Street, Folsom 8 am to 1 pm / Year round

East Sacramento Farmers Mkt 35th St & Park Way, Sacramento 8 am to 1 pm / April - October

Laguna Gateway Laguna & Big Horn, Elk Grove 8 am to Noon / Year round

Midtown Farmers Market 20th St btwn J & K St, Sacramento 8 am to 1 pm / Year round

Be Money Smart USAS Sunrise Mall 6196 Sunrise Mall, Citrus Heights 8 am to 1 pm / Year round

Sunrise Light Rail Station Folsom & Sunrise Blvd (light Rail Pking Lot) 8 am to Noon / Year round

Natomas Promenade 3637 N Freeway Blvd (Promenade Shopping Ctr) 8 am to Noon / May - September

SUNDAY

Be Money Smart USA Land Park 3800 S Land Park Drive, Sacramento 9 am to 2 pm / Year round

Be Money Smart USA Carmichael Park 5750 Grant Avenue, Carmichael 9 am to 2 pm / Year round

Central Sacramento Farmers Mkt 8th & W Streets - State Parking Lot 8 am to Noon / Year round

For Certified Farmer's Markets throughout the state visit: California Certified Farmers' Markets

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
Patty Kirtley - Sr Account Clerk Conf.
Priscilla West - Sr Office Assistant

INSPECTORS

Lisa Arbegast	Randon Krieg	Jason Sanguinetti
Rishi Avila	Parminder Malhi	Rashelle Veerkamp
Prabhjot Brar	Laura McCready	Gerry Zepeda
Christina Evans	Vince Nyvall	<u>Sr Ag & Stds Insp Aide</u>
Dori Kelsey	Gafar Omar	Adrian Ramos

CANINE HANDLER / INSPECTOR : Jennifer Berger

CANINE INSPECTOR : Dozer

SATELLITE OFFICES

Galt Office -
Deborah Thompson, Deputy Agricultural Commissioner

INSPECTORS
Walnut Grove Office - Karen Viethier
Danny Sarracino

CONTACT INFORMATION

Sacramento Office	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: AGCOMM@sacounty.net
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Galt Office	425 Pine Street, Suite 1-C Galt, CA 95632 Office Hours: call for appointment	Phone: (209) 745-4109 Fax: (209) 745-1128
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Walnut Grove Office	14177 Market Street Walnut Grove, CA 95690 Office Hours: call for appointment	Phone: (916) 776-1400 Fax: (916) 776-1394
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Web Address www.AgComm.sacounty.net