

# 2006



## **Sutter County Crop, Livestock And Annual Department Report**



OFFICE OF THE  
**AGRICULTURAL COMMISSIONER**  
**SEALER OF WEIGHTS & MEASURES**

MARK P. QUISENBERRY  
Agricultural Commissioner  
Sealer of Weights and Measures

June 2007

To: A.G. Kawamura, Secretary  
California Department of Food  
and Agriculture

and The Honorable Board of Supervisors,  
County of Sutter:  
Dan Silva, Chairman, District 5  
Larry Montna, District 1  
Stan Cleveland, District 2  
Larry Munger, District 3  
Jim Whiteaker, District 4

In accordance with Section 2272 and 2279 of the California Food and Agricultural Code, I am pleased to submit the 2006 Sutter County Agricultural Crop Report. Sutter County's gross agricultural production value totaled \$358,845,200 with Rice, Dried Plums, Walnuts, Peaches, Nursery Products and (processing) Tomatoes as the leading agricultural commodities.

For a third year in a row, natural disasters were not conducive to agricultural crop production. Freezing temperatures in late-February affected almond and walnut production. Unprecedented rainfall throughout late-winter and early-spring affected cultivation. Then record heat from July 8 to 28 resulted in devastating affects on almost every crop, including livestock, milk and apiary production. During this heat event temperatures soared over 100°F for thirteen consecutive days.

Market prices were however encouraging for many crops, either maintaining a fair return or showing an increased return especially for Kiwifruit, Walnuts, Beans, Rice, Watermelons, Tomatoes and (Apiary) Pollination Services.

As summarized in this report agriculture continues to be a valuable asset to Sutter County's economic base. Industries, such as banking, labor, marketing, transportation, and other services directly or indirectly tied to agriculture benefited appreciably as the agricultural industry returned over \$1.26 Billion to our local economy in 2006.

I would like to express my sincere appreciation to staff and to the many individuals from the agriculture industry who assisted in the compilation of this report.

Respectfully submitted,

A handwritten signature in blue ink, appearing to be "MP", followed by a long horizontal line.

Mark P. Quisenberry  
Agricultural Commissioner

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**FRUIT AND NUT CROPS  
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE		TOTAL
		HARVESTED ACRES	PER ACRE			PER UNIT		
Almonds, Meats	2006	4,682	0.50	2,341	Tons	\$	4,393.85	\$ 10,286,000
	2005	3,892	0.51	1,985	Tons	\$	6,050.09	\$ 12,009,400
Almonds, Hulls	2006			580	Tons		75.00	43,500
	2005			496	Tons		85.00	42,200
Kiwifruit	2006	114	7.45	849	Tons		1,145.23	972,600
	2005 *	108	8.13	878	Tons		971.72	853,200
Peaches, Cling	2006	7,782	13.92	108,325	Tons		252.58	27,360,800
	2005 *	9,074	15.55	141,101	Tons		239.43	33,783,700
Pears	2006	127	13.97	1,774	Tons		220.82	391,700
	2005	123	10.60	1,304	Tons		213.00	277,800
Persimmons	2006	259	3.57	925	Tons		474.50	438,900
	2005	240	4.46	1,070	Tons		398.00	425,900
Dried Plums (Prunes)	2006	19,654	2.61	51,297	Tons		1,323.02	67,867,000
	2005	18,429	0.70	12,900	Tons		1,468.57	18,944,600
Walnuts, English	2006	17,351	1.52	26,374	Tons		1,697.99	44,782,800
	2005	18,065	1.84	33,240	Tons		1,573.93	52,317,400
Miscellaneous Fruit & Nuts <sup>1</sup>	2006	634		737	Tons			1,147,200
	2005 *	578		580	Tons			877,100
Orchard By-Products	2006							5,628,400
	2005 *							4,303,100
<b>TOTAL</b>	2006	<b>50,603</b>					<b>\$</b>	<b>158,918,900</b>
	2005 *	<b>50,509</b>					<b>\$</b>	<b>123,834,400</b>

<sup>1</sup> Includes Apples, Apricots, Bushberries (Blackberries, Boysenberries, & Raspberries), Cherries, Chestnut, Feijoa/Guava, Figs, Grapefruit, Grapes, Jujube (Chinese Dates), Lemon, Limes, Nectarines, Olives, Oranges (Mandarin, Naval & Valencia), Peaches (Freestone), Pecan, Pistachios, Plum, Pomegranates, Strawberries, Tangerines, Walnuts (Black), and other miscellaneous fruit and nut crops of a limited number of growers/processors in Sutter County.

\*Revised

**FRUIT AND NUT CROPS**  
**BEARING AND NON-BEARING ACREAGE <sup>1</sup>**

CROP	BEARING ACRES		NON-BEARING ACRES	
	2005	2006	2005	2006
Almonds	3,892	4,682	2,247	2,006
Apples <sup>3</sup>	225	216	1	3
Apricots	4	5	1	1
Cherries	14	14	2	2
Chestnuts	26	26	0	0
Grapes	84	87	3	1
Kiwi <sup>3</sup>	168	166	0	1
Nectarines	46	51	10	9
Olives <sup>3</sup>	36	36	0	43
Oranges <sup>3,4</sup>	35	38	9	14
Peaches, Cling	9,074	7,782	2,475	1,999
Peaches, Freestone	98	103	10	4
Pears	123	132	9	8
Pecans	21	21	21	21
Persimmons	260	259	7	5
Pistachios	33	37	16	16
Plums	71	67	9	6
Dried Plums (Prunes)	20,477	19,654	1,808	1,476
Strawberries	34	24	0	0
Walnuts, Black	69	67	0	0
Walnuts, English	18,065	17,351	6,143	6,978
Miscellaneous <sup>2,3</sup>	32	14	7	30
<b>TOTAL</b>	<b>52,887 <sup>3</sup></b>	<b>50,832</b>	<b>12,778</b>	<b>12,623</b>

<sup>1</sup> Acreage from California Crop and Livestock Reporting Service.

<sup>2</sup> Includes Berries, Feijoa (Guava), Fig, Grapefruit, Jujube, Lemon, Lime, Pomegranate and Tangerine.

<sup>3</sup> Correction of Acreage 2005

<sup>4</sup> Includes Naval, Valencia and Mandrin

**FIELD CROPS  
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE			PER UNIT	UNIT	
BEANS, DRY:								
Lima	2006	3,510	1.14	4,001	Tons	\$	832.93	\$ 3,332,600
	2005	2,468	1.05	2,591	Tons	\$	672.92	\$ 1,743,500
Blackeye	2006	1,359	0.65	883	Tons		798.76	705,300
	2005	837	0.77	644	Tons		646.57	416,400
Miscellaneous <sup>1</sup>	2006	4,359		3,326	Tons			1,864,000
	2005	4,057		4,022	Tons			2,421,300
Corn, field Grain	2006	1,644	5.50	9,042	Tons		95.86	866,800
	2005	3,210	5.12	16,435	Tons		100.00	1,643,500
Hay, Alfalfa	2006	8,960	6.02	53,939	Tons		123.07	6,638,300
	2005	7,004	6.22	43,565	Tons		120.00	5,227,800
Hay, Grain	2006	1,058	3.58	3,788	Tons		106.47	403,300
	2005	1,017	3.62	3,682	Tons		89.57	329,800
Hay, Other	2006	1,659	2.72	4,512	Tons		95.71	431,800
	2005	1,241	3.40	4,219	Tons		97.00	409,200
Oats, Grain	2006	See Miscellaneous						
	2005	300	1.39	417	Tons		120.00	50,000
Pasture, Irrigated	2006	10,770			Acres		120.00	1,292,400
	2005	10,879			Acres		125.00	1,359,900
Pasture, Range, Dry	2006	61,377			Acres		13.30	816,300
	2005	* 60,769			Acres		9.98	606,500
Rice <sup>2</sup>	2006	92,984	4.15	385,884	Tons		275.60	106,349,600
	2005	97,801	3.75	366,754	Tons		253.20	92,862,100
Safflower	2006	6,984	0.84	5,867	Tons		262.19	1,538,300
	2005	10,641	0.99	10,535	Tons		232.16	2,445,800

## FIELD CROPS continued

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE			PER UNIT		
Sorghum, Grain	2006	420	2.77	1,163	Tons	\$	100.00	\$ 116,300
	2005	848	2.42	2,052	Tons	\$	92.95	\$ 190,700
Straw, Grain	2006	6,468	2.00	12,936	Tons		30.00	388,100
	2005	3,335	2.00	6,670	Tons		30.00	200,100
Wheat, Grain	2006	2,415	1.53	3,695	Tons		124.09	458,500
	2005	11,580	2.51	29,066	Tons		106.29	3,089,400
Wild Rice	2006	2,670	0.70	1,869	Tons		1,367.26	2,555,400
	2005	1,707	0.65	1,110	Tons		1,279.10	1,419,800
Miscellaneous <sup>3</sup>	2006	1,703		11,072	Tons			1,581,800
	2005	1,727		4,231	Tons			1,083,700
Field Crop By-Products	2006			58,482	Tons		22.01	1,287,200
	2005			61,379	Tons		19.14	1,174,800
<b>TOTAL</b>	<b>2006</b>	<b>208,340</b>					\$	<b>130,626,000</b>
	<b>2005</b>	<b>219,421</b>					\$	<b>116,674,300</b>

<sup>1</sup> Includes Beans (Black Bean, Black Turtle Bean, Canerio, Cranberry, Garbanzo, Kidney, Pink) and other miscellaneous beans of a limited number of growers/processors in Sutter County.

<sup>2</sup> Includes USDA Support Price.

<sup>3</sup> Includes Corn (Silage), Oat (Grain), Oat (Silage), Cotton, Popcorn, and other miscellaneous field crops of a limited number of growers/processors in Sutter County.

\*Revised

**VEGETABLE CROPS  
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE			PER UNIT	PER UNIT	
Melons,	2006	2,557	10.51	26,874	Tons	\$ 262.91	\$	7,065,400
Honeydew	2005	2,852	10.40	29,661	Tons	\$ 280.37	\$	8,316,100
Tomatoes,	2006	6,900	30.40	209,760	Tons	58.48		12,266,800
Processing	2005	5,200	35.24	183,248	Tons	49.01		8,981,000
Watermelons	2006	81	32.49	2,632	Tons	226.00		594,800
	2005	35	14.33	502	Tons	128.00		64,300
Miscellaneous <sup>1</sup>	2006	536		2,176	Tons			1,637,300
	2005	514		2,365	Tons			2,427,200
<b>TOTAL</b>	<b>2006</b>	<b>10,074</b>					<b>\$</b>	<b>21,564,300</b>
	<b>2005</b>	<b>8,601</b>					<b>\$</b>	<b>19,788,600</b>

<sup>1</sup> Includes the following crops:

Asparagus, Basil, Beans (Green String), Beet, Bok Choy, Broccoli, Cabbage, Cantaloupe, Carrot, Chard (Swiss/Red), Cilantro, Corn (Sweet), Cucumber, Diakon, Eggplant, Garlic, Gourds, Herbs, Jicama, Lettuce, Melons (Mixed), Okra, Onion, Peas (Blackeye), Peppers (Bell, Red Chili, Yellow Wax), Potatoes, Pumpkin (Farmers Market, Wholesale/Retail), Squash, Tomatoes (Fresh & Greenhouse), Tomatillo and other miscellaneous vegetables of a limited number of growers/processors in Sutter County.



**SEED CROPS  
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE			PER UNIT		
Beans, <sup>1</sup>	2006	940	1,335	1,254,900	Lbs	\$	0.40	\$ 502,000
Dry	2005	1,190	1,433	1,705,270	Lbs	\$	0.36	\$ 613,900
Cantaloupe & Honeydew	2006	61	295	17,995	Lbs		2.70	48,600
	2005	313	375	117,375	Lbs		2.34	274,700
Cucumber	2006	458	257	117,706	Lbs		5.34	628,600
	2005	823	184	151,432	Lbs		6.87	1,040,300
Pumpkin & Squash	2006	439	367	161,113	Lbs		3.47	559,100
	2005	593	313	185,609	Lbs		4.00	742,400
Rice	2006	6,672	7,520	50,173,440	Lbs		0.18	9,031,200
	2005	6,372	7,400	47,152,800	Lbs		0.12	5,658,300
Safflower	2006	808	1,680	1,357,440	Lbs		0.14	190,000
	2005	656	1,913	1,254,928	Lbs		0.13	163,100
Sunflower	2006	4,383	646	2,831,418	Lbs		0.90	2,548,300
	2005	4,069	795	3,234,855	Lbs		0.79	2,555,500
Watermelon	2006	1,042	245	255,290	Lbs		3.02	771,000
	2005	1,197	288	344,736	Lbs		8.18	2,819,900
Wheat	2006	1,112	4,000	4,448,000	Lbs		0.06	266,900
	2005	1,831	5,080	9,301,480	Lbs		0.05	465,100
Miscellaneous <sup>2</sup>	2006	1,142	-	273,192	Lbs			406,200
	2005	1,798		1,308,605	Lbs			35,590
<b>TOTAL</b>	<b>2006</b>	<b>17,057</b>						<b>\$ 14,951,900</b>
	<b>2005</b>	<b>18,842</b>						<b>\$ 14,368,790</b>

<sup>1</sup> Includes Beans (Blackeye, Canario, Cranberry, Light Red Kidney) and other bean seed crops of a limited number of growers/processors in Sutter County.

<sup>2</sup> Includes Cabbage, Carrot, Cauliflower, Celery, Gourd, Mustard, Onion, Pepper, Radish, Tomato, Triticale-Juan, Vetch and other miscellaneous seed crops of a limited number of growers/processors in Sutter County.

**NURSERY PRODUCTS  
ACREAGE, PRODUCTION AND VALUE**

NURSERY PRODUCTS	YEAR	FIELD ACRES	QUANTITY SOLD	UNIT	TOTAL
Fruit & Nut	2006	250	2,774,326	Each	\$ 12,644,700
Trees & Vines	2005	223	2,240,100	Each	\$ 10,928,200
Ornamental Trees, Shrubs and other Nursery Stock	2006	6			91,800
	2005	3			130,100
<b>TOTAL</b>	<b>2006</b>	<b>256</b>			<b>\$ 12,736,500</b>
	<b>2005</b>	<b>226</b>			<b>\$ 11,058,300</b>

**APIARY PRODUCTS  
PRODUCTION AND VALUE**

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	TOTAL
Honey	2006	85,408	Pounds	\$ 0.85	\$ 72,600
	2005	132,974	Pounds	\$ 0.62	\$ 82,400
Pollination	2006	39,089	Colony	83.48	3,263,100
	2005	50,455	Colony	48.85	2,464,700
Miscellaneous <sup>1</sup>	2006	38,030			637,700
	2005	60,202			950,800
<b>TOTAL</b>	<b>2006</b>	<b>162,527</b>			<b>\$ 3,973,400</b>
	<b>2005</b>	<b>243,631</b>			<b>\$ 3,497,900</b>

<sup>1</sup> Includes Beeswax, Package Bees and Queen Bees

**LIVESTOCK PRODUCTS  
PRODUCTION AND VALUE**

ITEM	YEAR	PRODUCTION		UNIT	VALUE PER UNIT	TOTAL
		NUMBER	TOTAL LIVEWEIGHT			
Cattle & Calves	2006	12,056	106,038	Cwt.	\$ 102.36	\$ 10,854,000
	2005	11,056	100,884	Cwt.	\$ 101.58	\$ 10,247,800
Sheep & Lambs	2006	15,982	19,255	Cwt.	78.40	1,509,600
	2005	16,931	20,398	Cwt.	93.11	1,899,300
Wool	2006	95,336		Lbs.	0.94	89,600
	2005	100,996		Lbs.	0.86	86,900
Miscellaneous <sup>1</sup>	2006					3,615,700
	2005					3,727,900
Livestock By-Products	2006					5,300
	2005					6,000
<b>TOTAL</b>	<b>2006</b>					<b>\$ 16,074,200</b>
	<b>2005</b>					<b>\$ 15,967,900</b>

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<sup>1</sup> Includes Angora Fur, Aquaculture, Fish Bait, Chickens, Chicken Eggs, Ducks, Geese, Goats, Milk (Market), Hogs, Partridge, Pheasants, Pigeons, Rabbits, Rabbit Hides, Turkeys and other miscellaneous livestock and poultry of a limited number of growers/processors in Sutter County.

**SUMMARY**  
**FARM VALUE OF AGRICULTURAL PRODUCTION**

	<u>2005</u>		<u>2006</u>
FRUIT & NUT CROPS *	\$ 123,834,400	FRUIT & NUT CROPS	\$ 158,918,900
FIELD CROPS *	\$ 116,674,300	FIELD CROPS	\$ 130,626,000
SEED CROPS	\$ 14,368,790	SEED CROPS	\$ 14,951,900
VEGETABLE CROPS	\$ 19,788,600	VEGETABLE CROPS	\$ 21,564,300
NURSERY PRODUCTS	\$ 11,058,300	NURSERY PRODUCTS	\$ 12,736,500
APIARY PRODUCTS	\$ 3,497,900	APIARY PRODUCTS	\$ 3,973,400
LIVESTOCK PRODUCTS	\$ 15,967,900	LIVESTOCK PRODUCTS	\$ 16,074,200
<b>TOTAL *</b>	<b>\$ 305,190,190</b>		<b>\$ 358,845,200</b>

**TEN LEADING CROPS AND VALUE<sup>1</sup>**

(Excluding By-Products)

	<u>2005</u>		<u>2006</u>
RICE	\$ 98,520,400	RICE	115,380,800
WALNUTS	\$ 52,318,100	DRIED PLUMS (PRUNES)	67,867,000
PEACHES *	\$ 33,922,400	WALNUTS	44,783,500
ALMONDS	\$ 18,944,600	PEACHES	27,511,300
TOMATOES	\$ 12,051,600	NURSERY PRODUCTS	12,736,500
NURSERY PRODUCTS	\$ 11,058,300	TOMATOES	12,682,900
CATTLE & CALVES	\$ 10,247,800	CATTLE & CALVES	10,854,000
DRIED PLUMS (PRUNES)	\$ 9,328,400	ALMONDS	10,329,500
CORN	\$ 8,410,500	MELONS	8,350,600
WHEAT	\$ 5,227,800	ALFALFA	6,638,300

<sup>1</sup> Includes Seed. Rice does not include Wild Rice.

\*Revised

**GROSS VALUE  
OF  
AGRICULTURAL PRODUCTION**

<u>YEAR</u>	<u>VALUE</u>	<u>YEAR</u>	<u>VALUE</u>
1949	\$ 36,731,000	1978	\$ 220,502,000
1950	\$ 41,930,000	1979	\$ 258,666,900
1951	\$ 52,003,000	1980	\$ 299,014,700
1952	\$ 49,494,000	1981	\$ 316,465,900
1953	\$ 44,815,000	1982	\$ 247,784,100
1954	\$ 38,783,000	1983	\$ 205,335,300
1955	\$ 43,224,000	1984	\$ 262,285,500
1956	\$ 49,381,000	1985	\$ 255,449,600
1957	\$ 41,313,000	1986	\$ 229,364,800
1958	\$ 38,786,000	1987	\$ 216,183,600
1959	\$ 50,707,000	1988	\$ 201,345,800
1960	\$ 50,536,000	1989	\$ 243,940,200
1961	\$ 55,585,000	1990	\$ 217,400,000
1962	\$ 57,322,000	1991	\$ 268,941,900
1963	\$ 55,155,000	1992	\$ 285,622,700
1964	\$ 66,740,000	1993	\$ 292,108,300
1965	\$ 64,564,000	1994	\$ 340,171,300
1966	\$ 71,627,000	1995	\$ 330,170,500
1967	\$ 69,313,000	1996	\$ 302,706,400
1968	\$ 80,275,000	1997	\$ 277,169,700
1969	\$ 74,006,000	1998	\$ 268,323,100
1970	\$ 77,238,000	1999	\$ 347,939,000
1971	\$ 82,209,000	2000	\$ 340,176,000
1972	\$ 95,118,000	2001	\$ 264,673,000
1973	\$ 159,204,000	2002	\$ 291,061,100
1974	\$ 179,719,000	2003	\$ 307,322,300
1975	\$ 187,517,000	2004	\$ 299,219,300
1976	\$ 178,554,000	2005 *	\$ 305,190,190
1977	\$ 200,878,000	2006	\$ 358,845,200

\*Revised

## AGRICULTURAL PRODUCTION COMPARISON

COUNTY	2005 RANK	GROSS VALUE **	TOTAL COUNTY ACRES ***	AGRICULTURAL LAND ****	AGRICULTURAL LAND PERCENT	AG VALUE PER COUNTY ACRES
Fresno	1	\$ 4,641,194,200	3,816,320	1,928,865	51%	\$ 1,216.14
Tulare	2	\$ 4,362,738,000	3,158,400	1,393,456	44%	\$ 1,381.31
Monterey	3	\$ 3,273,011,100	2,127,359	1,260,613	59%	\$ 1,538.53
Kern	4	\$ 3,546,902,000	5,229,440	2,731,341	52%	\$ 678.26
<b>Sutter</b>	<b>22</b>	<b>\$ 305,190,190 *</b>	<b>389,440</b>	<b>371,964</b>	<b>96%</b>	<b>\$ 783.66</b>

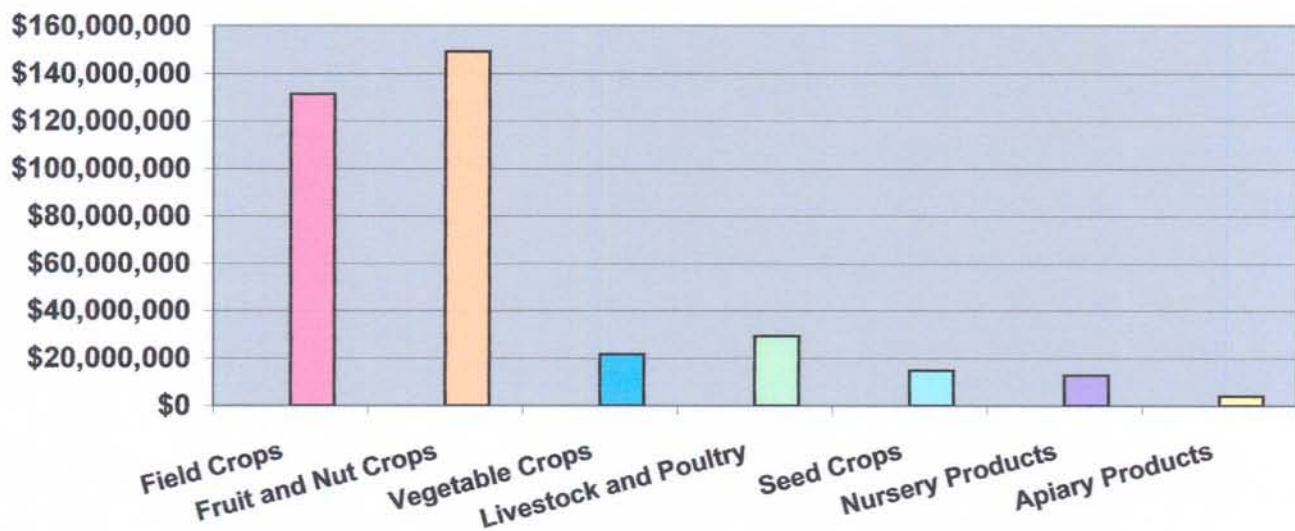
\* Revised

\*\* County Crop Report

\*\*\*County Assessor's Office

\*\*\*\* 2002 Census of Agriculture

### 2004 SUTTER COUNTY AGRICULTURAL PRODUCTION (VALUE IN MILLIONS OF DOLLARS)



**SUTTER COUNTY EXPORTS****VEGETABLE/GRASS SEEDS**

Seeds include the following: Artichoke, asparagus, bean, beet, broccoli, cabbage, carrot, cauliflower, celery, chard (swiss), chervil, collard, coriander, corn, cucumber, eggplant, herb, Kohlrabi, leek, lettuce, melon, mustard, okra, onion, parsley, pea, popcorn, pumpkin, radish, rocket, safflower, spinach, squash, swiss chard, turnip, watermelon & grass

Algeria	Hong Kong	Panama
Argentina	India	Peru
Belize	Iran	People's Rep. of China
Bolivia	Italy	Philippines
Brazil	Jamaica	Portugal
Chile	Japan	Republic of Korea
Canada	Jordan	Republic of Yemen
Colombia	Kenya	Saudi Arabia
Costa Rica	Lebanon	Sri Lanka
Denmark	Mauritius	South Africa
Dominican Republic	Mexico	Spain
Ecuador	Mozambique	Suriname
Egypt	Morocco	Thailand
Ethiopia	Netherlands	Trinidad & Tobago
Guatemala	New Zealand	Turkey
Guyana	Nicaragua	Venezuela
Haiti	Pakistan	Viet Nam

**PADDY RICE/WILD RICE**

Germany

**DRY BEANS/PEAS**

Argentina	India	Portugal
Australia	Jamaica	Trinidad & Tobago
Belize	Mexico	Venezuela
Cyprus	Panama	
Dominican Republic	Philippines	
Guatemala	New Zealand	
Italy	People's Rep. of China	

**REDWOOD/WALNUT WOOD BURLS**

Switzerland

**DRIED PLUMS (PRUNES)**

Brazil	Malaysia
Brimeo	Malta
Canada	Netherlands
France	New Zealand
Greece	Poland
Germany	People's Republic of China
Guatemala	Republic of Korea
Hungary	Russian Federation
India	Singapore
Indonesia	South Korea
Italy	Spain
Japan	Switzerland
Lebanon	Taiwan
Israel	Thailand
Kwait	

**FRESH GARLIC**

Mexico

**WALNUT - MEATS AND IN SHELL**

Chile, Germany, Israel, Italy, Japan, Netherlands, People's Rep. of China, Spain, Vietnam

**WALNUT SEED**

Spain

**PROCESSED & MILL WOOD PRODUCTS**

Italy

**DRIED APRICOTS**

People's Republic of China

**FRUIT TREES, OLIVE TREES, ALMOND TREES**

Pakistan

**SUSTAINABLE AGRICULTURE  
JANUARY - DECEMBER 2006**

**ORGANIC PRODUCERS**  
Thirty-six (36) Organic Registered in Sutter County

<b>PEST EXCLUSION</b>	<b>Total Units Inspected</b>
Interstate, Intrastate	3,469

**BIOLOGICAL CONTROL**

<b>Pest</b>	<b>Control Agent</b>	<b>Scientific Name</b>	<b>Program Scope*</b>	<b>Distribution*</b>
Puncture Vine ( <i>Tribulus terrestris</i> )	Puncture vine Seed Weevil Puncture vine Stem Weevil	( <i>Microlarinus lareynii</i> ) ( <i>M. lypriformis</i> )	Countywide Countywide	General General
Yellow Starthistle ( <i>Centaurea solstitialis</i> )	Yellow Starthistle Bud Weevil Yellow Starthistle Hairy Weevil Yellow Starthistle Flower Weevil	( <i>Bangasternus orientalis</i> ) ( <i>Eustenopus villosus</i> ) ( <i>Larinus curtus</i> )	10 sites 10 sites 2 sites	Locally established Locally established Locally established
	False Peacock Fly Peacock Fly Gall Fly	( <i>Chaetorellia succinea</i> ) ( <i>C. australis</i> ) ( <i>Urophora sirunaseva</i> )	Countywide Countywide Countywide	General General General
Red Gum Lerp Psyllid ( <i>Glycaspis brimblecombei</i> )	Lerp Psyllid Wasp	( <i>Psyllaephagus bliteus</i> )	2 sites	Locally established

<b>PEST DETECTION</b>	<b>Visual Hours</b>	<b>Number of Properties</b>	<b>Number of Acres</b>
Public Contact	153	94	-
Nursery Inspection	109	10	295
Phytosanitary Field Inspection	2,738	286	7,863
Special Survey:			
Glassy-Winged Sharpshooter	358	106	29
Import Fire Ant	0	0	-
Khapra Beetle	63	40	-
McPhail	111	84	4
Rice Disease	1	0	3,157
Vine Mealy Bug	47	20	

<b>VERTEBRATE PEST CONTROL</b>	<b>Properties</b>
Ground Squirrels, Gophers, Jackrabbits, Rats & Mice	2
<b>CONTROL AGENTS</b>	<b>Units Used/Sold</b>
Anticoagulant Bait	2,095
Anticogulant, Paraffin Blocks	475
Zinc Phosphide Bait	1,650
Strychnine (Below ground use only)	17

<b>EXOTIC PEST DETECTION</b>	<b>Traps in Operation (Seasonal High)</b>	<b>Total Number of Services</b>
European Pine Shoot Moth	5	22
Glassy-Winged Sharpshooter	125	1,976
Gypsy Moth	61	209
Khapra Beetle	160	327
Japanese Beetle	42	148
Mediterranean Fruit Fly	110	531
Melon Fruit Fly	42	199
Oriental Fruit Fly	42	213

**WEED MANAGEMENT AREA PROGRAMS (WMA)**

	<b>Hours</b>	<b>Acreage</b>
Johnsongrass ( <i>Sorghum halepense</i> (L.) Pers), Yellow Starthistle ( <i>Centaurea solstitialis</i> L.), Russian Thistle ( <i>Salsola tragus</i> L), and Puncture Vine ( <i>Tribulus terrestris</i> L.):	1,709	2,596

\*Represents number of sites or crop control agents incorporated into program.



**SUTTER COUNTY AGRICULTURAL COMMISSIONERS OFFICE  
SEALER OF WEIGHTS AND MEASURES  
DIRECTOR of UNDERGROUND STORAGE of HAZARDOUS MATERIALS (CUPA)**

*2006 Department Statistics*

**Pest Exclusion**

This program provides the first line of defense for California agriculture and the environment against the invasion of exotic pests. Inspections provide protection from the introduction of plant and animal insect and disease pests that may be introduced into the state through the movement of legal or illegal trade. This program also involves inspections of plant material being delivered to other states and countries and the issuance of certificates documenting compliance with their entry requirements.

*Total Hours Expended 2006: 7,933*

**Pest Detection**

This program provides the second line of defense against exotic pests through the early detection of new introductions before they become widely established. Through early detection the likelihood of these pests becoming established in the state is lessened and the cost and environmental impact of eradication is minimized.

*Total Hours Expended 2006: 1,610*

**Pest Management**

The county Ag Commissioner is charged with the responsibility of managing nuisance pests of agriculture and human health. Many of these pests are introduced species that have become established despite our best pest exclusion efforts. If promising, programs are established to distribute biological agents for troublesome pests.

*Total Hours Expended 2006: 9,222*

**Pesticide Use Enforcement**

This is a complex program that covers far more than its name implies. This program was developed to provide for the proper, safe, and effective use of pesticides essential for production of food and fiber and for protection of the public health and safety. It also protects the environment from potentially harmful pesticides by prohibiting, regulating or ensuring proper stewardship of pesticides. An important component of the program focuses on agricultural and pest control workers, ensuring safe working conditions, use of proper protective equipment and training for employees who work with or around pesticides. Other components of the program include pesticide use reporting, incident investigations, outreach activities promoting best management practices, and monitoring applications in the field.

*Total Hours Expended 2006: 16,064*

### **Consumer Protection and Services**

**Seed Certification:** Inspections are performed at the retail and wholesale establishments that sell seed. Samples are drawn for germination and purity testing, and labeling is inspected for compliance with state requirements. Through this program, certification services are also available for growers and processors, in cooperation with the California Crop Improvement Association.

*Total Hours Expended 2006: 471*

**Nursery Inspection:** Through this program inspections are performed at the growing, propagation, production and sales site to assure cleanliness from pests, varietal trueness and stock vigor prior to consumer sales.

*Total Hours Expended 2006: 369*

**Fruit, Nut, and Vegetable Standardization:** This program ensures compliance with California's minimum standards regarding quality and marketing of all produce commercially grown and/or marketed in the state. Direct Marketing regulation and Organic law enforcement are part of a program that provides for local protection to growers, marketers and consumers.

*Total Hours Expended 2006: 693*

**Egg Inspection:** Retailers and packers of eggs are inspected to enforce state and federal health, quality, and grade standards.

*Total Hours Expended 2006: 12*

**Apiary Inspection:** A program that emphasizes the registration and site location of honeybee colonies in the county. At the request of beekeepers or growers, the county Ag Commissioner inspects colonies for strength and health to ensure effective pollination.

*Total Hours Expended 2006: 16*

**Crop Statistics:** As required by the California Food and Agricultural Code, the gross production and value of the county's commodities are compiled and recorded in the annual crop report. This valuable information helps associated businesses while promoting the production and prosperity of agriculture in California.

*Total Hours Expended 2006: 356*

**Predatory Animal Damage Control:** In cooperation with USDA's Animal and Plant Health Inspection Service Wildlife Services, the Wildlife Services program responds to requests by the public and agencies in need of assistance in managing wildlife damage. The program has the authority to assist in solving problems that are created when wildlife causes damage to agricultural property or natural resources. The program also assists with wildlife problems involving threats to human health and safety and threatened or endangered species.

*Total Hours Expended 2006: 2,037*

**Measurement Standards:** Each year county weights and measures officials inspect and test packaged commodities and all commercially used devices. Transactions derived from the use of such devices are also inspected for accuracy. In addition to inspection activities, weights and measures officials provide education and training to the public as well as the regulated industries.

***Total Hours Expended 2006: 4,198***

**Certified Unified Program Agency (CUPA):** The Unified Program is the consolidation of six state environmental programs into one program under the authority of a Certified Unified Program Agency. This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994. A CUPA, or Certified Unified Program Agency is a local agency that has been certified by Cal-EPA to implement the six state environmental programs within the local agency's jurisdiction. The six programs include the Hazardous Materials Business Plan/Emergency Response Plan, Hazardous Waste/Tiered Permitting, Underground Storage Tanks, Aboveground Storage Tanks (SPCC only), California Accidental Release Program and the Uniform Fire Code Hazardous Materials Management Plan.

***Total Hours Expended 2006: 679***

***Program Details can be found at:***

**[www.suttercounty.org/cropreport](http://www.suttercounty.org/cropreport)**

AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS MEASURES  
MARK P. QUISENBERRY

ASSISTANT AGRICULTURAL COMMISSIONER  
Mark Brown

ASSISTANT DIRECTOR OF WEIGHTS & MEASURES  
Vacant

DEPUTY AGRICULTURAL COMMISSIONER  
Stephen Scheer

SUPERVISING AGRICULTURAL & STANDARDS BIOLOGIST  
Lisa Pedley

AGRICULTURAL & STANDARDS BIOLOGIST III  
Harold Dirks Harkirat Hothi Margaret Stelmok Kevin Putman  
Kurt Schoenwald Michael S. Furuta Janice Kendel  
Michael Berry Kim Hicks

AGRICULTURAL & STANDARDS BIOLOGIST I  
David Karnegas

AGRICULTURAL FIELD ASSISTANT II  
Paul Schwall Kenneth Woolery Dennis Hanna  
Sandra Mitchell

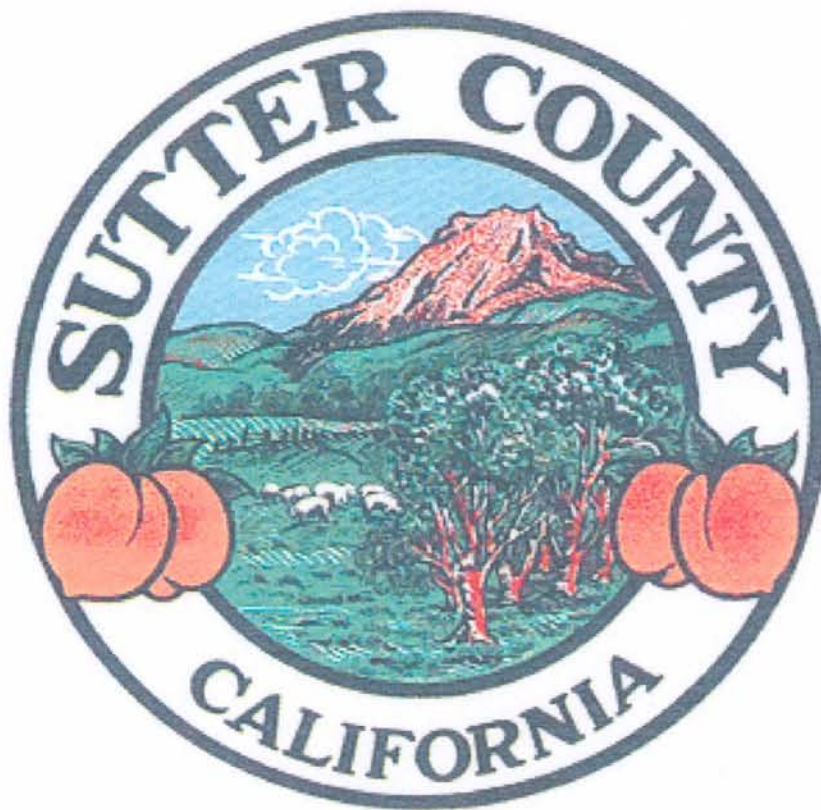
ANIMAL DAMAGE CONTROL SPECIALIST  
Jim Kincaide

SUPPORT STAFF

Laura Poma  
Karen Dodge  
Gina Krog  
Gladys Pair

EXECUTIVE SECRETARY I  
ACCOUNT CLERK III  
SECRETARY  
OFFICE ASSISTANT II

**2006**



**DEPARTMENT OF AGRICULTURE  
STATISTICS**

# DEPARTMENT ACTIVITIES ADDENDUM

## PEST EXCLUSION

### TERMINAL INSPECTIONS

Type	Premise Visits	Shipments Profiled	Shipments Inspected	Notice of Rejection	Hours
Post Office	22	297	46		29
Federal Express	257	2,713	2,502	2	383
Gypsy Moth	6	1	5		8
Truck	39	42	42	1	58
<b>TOTALS</b>	<b>324</b>	<b>3,053</b>	<b>2,595</b>	<b>3</b>	<b>478</b>

### ORIGIN CERTIFICATION

Type	No. of Inspections	Certificates Issued	Hours
Federal Phyto	70	837	1,181
State Phyto	0	4	4
Q.C. Certificate	1		3
Other Inspections	417	250	2,763
<b>TOTALS</b>	<b>488</b>		<b>3,951</b>

### FACILITIES AND PROPERTIES

Type	Inspections	Hours
Feed Grain/Screenings	2	5
Post Entry Properties	1	3
High Risk Markets	41	34
Other Facilities	20	22
<b>TOTALS</b>	<b>64</b>	<b>64</b>

### PROGRAM SUPPORT ACTIVITIES

	Hours
Planning, Staff Support, Coordination, Grower/Staff Training, Public Relations, et cetra.	3,440

**TOTAL PEST EXCLUSION HOURS: 7,933**

## PEST DETECTION

TOTAL VISUAL INSPECTION		TOTAL STAFF HOURS	TOTAL UNITS INSPECTED
		EXPENDED	PROPERTIES
COMMERCIAL CROPS		1	1
PUBLIC CONTACT		248	175
<b>SPECIAL SURVEY</b>			
Khapra Beetle		82	25
Olive Fruit Fly		2	
Purple Loosestrife		1	
Vine Mealybug		45	6
McPhail Trap		112	12
TRAPPING		774	
SUPPORT		325	
TRAINING		21	
TRAP TYPE	TOTAL NUMBER OF TRAP SERVICINGS	TRAP TYPE	TOTAL NUMBER OF TRAP SERVICINGS
Medfly	714	Gypsy Moth	277
McPhail Trap	288	Japanese Beetle	193
Olive Fruit Fly	268	European Pine Shoot Moth	24
Melon	285	Khapra Beetle (Trogo Trap)	440

**TOTAL PEST DETECTION HOURS: 1,610**

## PEST MANAGEMENT

### BIOLOGICAL CONTROL ACTIVITIES

RELEASE PROGRAM		Number of Release Site	Number of Organisms Released	Host	Number Acres Involved	Hours
Biocontrol Agent						
Puccinia (Yellow Starthistle)		1	1	Starthistle		2
<b>Subtotal Release Program</b>						<b>2</b>
MONITORING PROGRAM Biocontrol Agent		Number of Sites Sites Monitored Monitored	Estimated Population	Host	Number of Acres Monitored	Hours
Bangasternus		1	Moderate	Starthistle	5	1
Eustenopus		1	Moderate	Starthistle	5	1
Larinus		2	Light	Starthistle	1	3
Psyllaephagus bliteus		2	Light	Red Gum Lerp Psyllid		5
<b>Subtotal Monitoring Program</b>						<b>10</b>
<b>TOTAL BIOLOGICAL CONTROL ACTIVITIES</b>						<b>12</b>

### GLASSY WINGED SHARPSHOOTER

Visual Survey	Properties	Traps in Service	Properties with Traps	Number Trap Inspections	Visual Survey Hours	Trap Inspection Hours
Nursery	7				3	
<b>Trapping</b>						
Nursery		28	9	552		76
Urban		97	97	1,292		291
Cropland				78		7
Support Hours						46
			Total Number of Inspections	Number Receiving from Infested Areas	Hours to Perform	
Shipments FROM Infested Areas			370	98	484	
Support Hours					57	
<b>TOTAL GLASSY WINGED SHARPSHOOTER HOURS</b>						<b>964</b>

### VERTEBRATE PEST CONTROL

Pest Species	Number of Properties	Acres Treated	Hours
General / Supervision			157
Bait Handling			247
Vertebrate Questions			362
Training/Meetings			38
Maintenance			26
Non-Regulatory Vertebrate Control	10	245	69
<b>TOTAL VERTEBRATE PEST CONTROL HOURS</b>			<b>899</b>

Continued



**PEST MANAGEMENT**  
**CONTINUED**

**NOXIOUS WEED CONTROL**

<b>Weed Species</b>	<b>Acres Treated</b>	<b>Hours</b>
General	345	1,935
Weed Management Area	3,094	3,158
Training/Meetings		280
Maintenance		1,892
Herbicide/Weed Questions		31
Non-Regulatory Weed Control	26	22
<b>TOTAL NOXIOUS WEED CONTROL HOURS</b>		<b>7,318</b>

**RODENT BAITs AND FUMIGANTS SOLD**

<b>Pest Species</b>	<b>Total Rodenticide Pounds</b>	<b>Hours</b>
Ground Squirrels, Rats, Mice	3,970	29

**TOTAL PEST MANAGEMENT HOURS: 9,222**

## PESTICIDE USE ENFORCEMENT

USE MONITORING INSPECTIONS	NUMBER OF HOURS	NUMBER OF INSPECTIONS	NUMBER OF NON-COMPLIANCES	INVESTIGATIONS	TOTAL INVESTIGATIONS	
Preapplication	394	322		Human Effects	4	
Applications - Property Owner		176	62	Environmental Effects	2	
Applications - Pest Control Business		56	9	<b>TOTAL LICENSED WORK HOURS: 393</b>	<b>6</b>	
Field Fumigations		7		<b>LICENSE/CERTIFICATE</b>	<b>TOTAL NUMBERS</b>	
Application Method	Number Inspections	Number Non Compliances		Agricultural Pest Control Business	94	
Aerial	26	1		Agricultural Pest Control Adviser	56	
Ground	123	21		Pest Control Aircraft Pilot	66	
Total	149	22		Farm Labor Contractor	24	
Commodity Fumigations		11		Operator Identification (I.D.) Numbers	61	
Field Worker Safety Inspections		43	18	Structural Operators Notice	56	
Monitoring		167	25	<b>SUBTOTAL</b>	<b>357</b>	
Other		392	3	Private Applicator	# Certified	# Exams
<b>TOTAL LICENSED WORK HOURS: 1,537</b>		<b>1,174</b>	<b>117</b>	Private Applicator - Recertified	91	
				Private Applicator - Recertified (Exam)	51	
				Private Applicator - Certified (New)	14	
				Private Applicator - Failed Exam		5
				<b>SUBTOTAL</b>	<b>156</b>	<b>5</b>
<b>PEST CONTROL RECORDS INSPECTION</b>		<b>NUMBER INSPECTIONS</b>	<b>NUMBER NON-COMPLIANCE COMPLAINTS</b>	<b>TOTAL LICENSED WORK HOURS: 107</b>	<b>NUMBER OF SESSIONS</b>	<b>PERSONS</b>
Business Records		6	1	<b>TRAINING AND OUTREACH</b>		
HQ/Employee Safety - Business		12	9	Licenseses	8	516
Dealer Records		6	5	Growers/Operators	24	1,076
Adviser Records		8		<b>TOTAL LICENSED WORK HOURS 249</b>	<b>32</b>	<b>1,592</b>
HQ/Emp. Safety - Production Agriculture		52	19	<b>COMPLIANCE ACTIONS</b>	<b>TOTAL NUMBERS</b>	
HQ/Emp. Safety - Other		10	2	Warning Letters/Violation Notices	80	
<b>TOTAL LICENSED WORK HOURS: 336</b>		<b>94</b>	<b>36</b>	<b>TOTAL LICENSED WORK HOURS: 322</b>	<b>80</b>	
				<b>ENFORCEMENT ACTIONS</b>	<b>TOTAL NUMBERS</b>	
<b>STRUCTURAL PEST CONTROL INSPECTIONS</b>	<b>NUMBER OF INSPECTIONS</b>	<b>NON-COMPLIANCE COMPLAINTS</b>		Administrative Actions:		
Fumigations - Branch 1	3			Structural Civil Penalties		
Applications - Branch 2	24	1		Agricultural Civil Penalties	21	
Applications - Branch 3	1			<b>TOTAL LICENSED WORK HOURS: 318</b>	<b>21</b>	
Mix/Loads - Branch 2	7			<b>SURVEILLANCE HOURS</b>	1,298	
Mix/Loads - Branch 3	1					
HQ/Employee Safety - Business	8	3				
Business Records	3					
<b>TOTAL LICENSED WORK HOURS: 74</b>		<b>47</b>	<b>4</b>	<b>TOTAL PESTICIDE ACTIVITY HOURS</b>		
<b>RESTRICTED MATERIALS</b>	<b>NUMBER OF HOURS</b>	<b>TOTAL NUMBER ISSUED</b>	<b>TOTAL NUMBER DENIED</b>	Lic. Hours Expended	8,989	
Agricultural Permits	3,961	1,196		Other License		
Non-Agricultural Permits	3	3		Enforcement Hours	3,354	
<b>Total Permits</b>		<b>1,199</b>		Licensed Hours	<b>12,343</b>	
Notice of Intents Reviewed	387	3,053		Support Hours	3,721	
<b>TOTAL LICENSED WORK HOURS 4,351</b>						

**TOTAL PESTICIDE USE ENFORCEMENT HOURS: 16,064**

# SEED CERTIFICATION AND NURSERY

## SEED CERTIFICATION

### ENFORCEMENT OF THE CALIFORNIA SEED LAW

ACTIVITY	NUMBER	HOURS
PREMISES INSPECTED	11	4
LOTS INSPECTED	30	8
LABELS OF SEED SHIPMENTS	1	1
<b>TOTAL HOURS SEED LAW ENFORCEMENT</b>		<b>13</b>

### SEED CERTIFICATION

ACTIVITY	NUMBER	HOURS
SAMPLES DRAWN	85	81
CERTIFIED MILLS INSPECTED	25	63
HARVESTERS AND FIELD EQUIPMENT INSPECTED	44	101
INTERCOUNTY PERMITS ISSUED	32	43
<b>TOTAL HOURS SEED CERTIFICATION</b>		<b>288</b>

### MISCELLANEOUS ACTIVITY

ACTIVITY	NUMBER	HOURS
SAMPLES DRAWN, SERVICE	45	36
SUPPORT AND TRAINING		134
<b>TOTAL HOURS MISCELLANEOUS ACTIVITY</b>		<b>170</b>

**TOTAL SEED CERTIFICATION HOURS: 471**

## NURSERY

### NURSERY INSPECTIONS

TYPE	NUMBER OF LOCATIONS INSPECTED	TOTAL ACRES INSPECTED	NUMBER OF NON-COMPLIANCES	HOURS
PRODUCTION / WHOLESALE	14	229		64
NEMATODE CERTIFICATION (#64-086)	14	213		46
<b>TOTAL NURSERY INSPECTION HOURS</b>				<b>110</b>

### LICENSING ACTIVITIES

TYPE	NEW LICENSES	RENEWALS	NUMBER ISSUED	HOURS
NUMBER OF NURSERIES LICENSED	1			8
<b>TOTAL LICENSING HOURS</b>				<b>8</b>

### PROGRAM SUPPORT ACTIVITIES (Planning, Training, Administration, etc.)

ACTIVITY	HOURS
PLANNING	52
SUPPORT AND TRAINING	199
<b>TOTAL SUPPORT HOURS</b>	<b>251</b>

**TOTAL NURSERY ACTIVITY HOURS: 369**

**FRUIT, NUT AND  
VEGETABLE STANDRDIZATION**

**STANDARDIZATION**

Activity	Production	Wholesale/Retail	Total
Premises Inspected	21		21
Sample Conts. Examined	11,145		11,145
Containers Inspected	4,811		4,811
Containers Rejected:			
Maturity	2331		2,331
Non Compliances Issued:			
Maturity	2		2
Other		1	1
Certificates, Disposal Orders, Permits Issued	65		65
Hours	183	18	
<b>Total Program Hours</b>			<b>201</b>

**DIRECT MARKETING**

Activity	Marketing	Production
Premises Inspected	38	
Production Sites inspected		21
Noncompliances Issued	3	
Certificates Issued	1	27
Certificates Amended		6
Certification/Insp Hrs.	21	260
Investigations/Complaints Hours		3
Enforcement Action Hours	1	1
Hours	21	263
<b>Total Program Hours</b>		<b>284</b>

**ORGANIC**

Activity	Producer
Premises Inspected	3
Registrations Issued	5
<b>Total Program Hours</b>	<b>208</b>

**TOTAL FRUIT & VEGETABLE HOURS: 693**

**EGG QUALITY CONTROL, APIARY, CROP STATISTICS AND  
PREDATORY ANIMAL CONTROL**

**EGG INSPECTION**

<b>Egg Inspection</b>	<b>Retail</b>
PREMISES INSPECTED	2
LOTS INSPECTED	5
DOZENS INSPECTED	1,848
LOTS REJECTED	3
COMBINATION DEFECTS (Dirties, Leakers, or Loss due to Blood or Meat Spots)	930
CHECKS	180
TOTAL DOZENS REJECTED	1,110
NUMBER OF 100 EGG SAMPLES	11
NONCOMPLIANCE NOTICES ISSUED	3

**TOTAL EGG INSPECTION HOURS: 12**

**APIARY**

<b>Bee Law Enforcement/Disease Control and AFB Certification</b>	<b>Apiaries</b>	<b>Colonies</b>	<b>Hours</b>
Registered	100	10,501	3
Certified	7	942	4
Colony Strength & Mite Activities	7	942	9
Found with AFB		6	

**TOTAL APIARY HOURS: 16**

**CROP STATISTICS**

<b>Agriculture Statistics</b>	<b>Hours</b>
Crop Report and Disaster Declarations	356

**PREDATORY ANIMAL DAMAGE CONTROL**

<b>Predatory Animal Damage Control</b>	<b>Hours</b>
Predatory Animal Damage Control	2,037

# CONSUMER PROTECTION MEASUREMENT STANDARDS

	SERVICE AGENCY												
	INITIAL INSPECTION		PERCENT IN COMPLIANCE	OTHER	HOURS	REINSPECTION		PERCENT IN COMPLIANCE	NEW INSTALL		PERCENT IN COMPLIANCE	HOURS	TOTAL
	IN	OUT				IN	OUT		IN	OUT			
Compressed Natural Gas Meters					6								
Electric Submeters	2		100	1	30				69		100	42	72
Fabric, Cordage, Wire	14		100		21				4		100	4	18
Grease & Lube Meters													
Liquefied Gas Meters	16	6	73	1	102	2		100	1		100	19	26
Retail Motor Fuel Meters	1,013	7	99	12	501	3		100			100	6	1,035
Retail Water Meters	14		100		30	14		100	3		100	4	31
Taximeters	3	2	60	1	22	4		100	1	3	25	22	14
Vapor Submeters	7	3	70		20			100	21	3	88	37	34
Vehicle Meters	8		100		33	1		100	1	1	50	8	11
Misc. Measuring Devices				6	8								6
	INITIAL INSPECTION		PERCENT IN COMPLIANCE	OTHER	HOURS	REINSPECTION		PERCENT IN COMPLIANCE	NEW INSTALL		PERCENT IN COMPLIANCE	HOURS	TOTAL
	IN	OUT				IN	OUT		IN	OUT			
Computing	181	21	90		259	17	2	89	59		100	70	280
Counter	69	5	93	4	106	3		100	4		100	11	85
Crane					4								
Dormant/Port. Platform	89	13	87	5	225	12	2	86	19	2	90	66	142
Hopper and Tank	1		100		8	1		100	1		100	10	3
Hanging	12	1	92		20						100		13
Livestock and Animal	5		100		11								5
Monorail & Meat Beam	7		100		21								7
Vehicle	64	7	90	3	311	7	3	70	1		100	33	85
Misc. Weighing Devices	1		100		12				1		100	6	2

## QUANTITY CONTROL, WEIGHMASTER AND PETROLEUM

### QUANTITY CONTROL

<b>PACKAGE INSPECTION</b>	<b>NUMBER</b>	<b>HOURS</b>
Lots Rejected	1	
Packages Rejected	24	
Packages Sampled	2	6
<b>AUDIT INSPECTION</b>		
Lots Inspected	40	16
Packages Sampled	40	
<b>LABELING ACTIONS</b>		
Lots Rejected		8
<b>TEST PURCHASES</b>		
Locations Visited	2	18
Purchases Made	4	
Undercharges	3	
<b>BULK COMMODITIES VERIFIED</b>		
Inspections Made	1	6
<b>PRICE VERIFICATION</b>		
Locations Tested	15	74
Locations Accepted	10	
Pkgs Scanned / PLU	319	
Overcharges	20	
Undercharges	6	

### WEIGHMASTER PROGRAM

	<b>NUMBER</b>	<b>HOURS</b>
Audits	17	79
Tares Verified	5	8

### PETROLEUM PROGRAM

	<b>NUMBER</b>	<b>HOURS</b>
Initial Inspections	3	7
Other Inspections	4	46
Gals. Rejected - Quality	5,200	

## RECAP: MEASUREMENT STANDARDS

<b>Program Activities</b>	<b>Service Agency</b>	<b>Devices</b>	<b>Quantity Control</b>	<b>Weight Master</b>	<b>Petroleum</b>	<b>Support Hours</b>
Locations Visited	57	288	30	20	21	
Inspections	192	1,523	389	22	21	
Investigations						
Consumer Complaints		7	5		3	
Notices of Violations		1	5	1	8	
<b>Total Program Direct Hours</b>	<b>353</b>	<b>2,800</b>	<b>260</b>	<b>192</b>	<b>160</b>	
<b>Total Support Hours</b>						<b>433</b>

**TOTAL MEASUREMENT STANDARDS HOURS: 4,198**



**CERTIFIED UNIFIED PROGRAM AGENCY (CUPA)**

<b>Inspections</b>	<b>Number of Facilities</b>	<b>Number of Tanks</b>	<b>Hours</b>
Annual Inspections	40	112	135
New Installation Inspection	2	3	22
System Upgrade Inspection	2	6	10
System Repair Inspection	1	2	11
Other	7	2	53
<b>Release/Remediation</b>			
Remediation Report Review		39	33
Closed Case Reports			17
Cases Referred to RWQCB		1	17
<b>Administrative Time</b>			
Training			112
Quarterly Invoicing			3
Supervision			73
	<b>Phone</b>	<b>Record Review</b>	<b>Copies</b>
Information Requests	87	58	91
			171

**TOTAL CERTIFIED UNIFIED PROGRAM AGENCY (CUPA) HOURS: 679**