

# 2012



**DEPARTMENT OF AGRICULTURE  
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.

## PEST EXCLUSION

### TERMINAL INSPECTIONS

Type	Premise Visits	Shipments Profiled	Shipments Inspected	Notice of Rejection	Pest Rejection	Hours
Post Office	48	589	242	10	3	145
Federal Express	243	1,642	1,080	4	0	329
Gypsy Moth	7	5	7	0	0	8
Truck	72	76	72	0	1	85
Other	1	2	2	0	0	2
<b>TOTALS</b>	<b>371</b>	<b>2,314</b>	<b>1,403</b>	<b>14</b>	<b>4</b>	<b>569</b>

### ORIGIN CERTIFICATION

Type	No. of Inspections	Certificates Issued	Hours
Federal Phyto	1,941	1,941	2,154
State Phyto	38	38	51
Other Inspections	733	477	1,877
<b>TOTALS</b>	<b>2,712</b>	<b>2,456</b>	<b>4,082</b>

### FACILITIES AND PROPERTIES

Type	Inspections	Hours
High Risk Markets	62	40
Q.C. Facilities	2	2
<b>TOTALS</b>	<b>64</b>	<b>42</b>

### PROGRAM SUPPORT ACTIVITIES

	Hours
Planning, Staff Support, Coordination, Grower/Staff Training, Public Relations, et cetera	<b>1,186</b>

**TOTAL PEST EXCLUSION HOURS: 5,879**

## **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.

## PEST DETECTION

TOTAL VISUAL INSPECTION		TOTAL STAFF HOURS	TOTAL UNITS INSPECTED
		EXPENDED	PROPERTIES
<b>SPECIAL SURVEY</b>			
Karnal Bunt		0	0
Plum Pox		0	0
Sweet Orange SC		0	0
Vine Mealy Bug		0	0
<b>TRAPPING</b>		1,250	
<b>SUPPORT</b>		155	
<b>TRAINING</b>		294	
TRAP TYPE	TOTAL NUMBER OF TRAP SERVICINGS	TRAP TYPE	TOTAL NUMBER OF TRAP SERVICINGS
European Pine Shoot Moth	22	McPhail Trap	276
Glassy Winged Sharp Shooter	1,617	Medfly	1400
Gypsy Moth	456	Melon Fly	482
Japanese Beetle	320	Oriental Fruit Fly	542
Khapra Beetle (Trogo Trap)	114	Vine Mealybug	77
Light Brown Apple Moth	1,443	European Grapevine Moth	93
Asian Citrus	448		

**TOTAL PEST DETECTION HOURS: 1,699**

## **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.

## PEST MANAGEMENT

### GLASSY WINGED SHARPSHOOTER

Visual Survey	Properties	Traps in Service	Number Trap Inspections	Trap Inspection Hours
Nursery	80	299	643	78
Urban	579	579	873	178
Cropland	64	64	101	23
			Total Number of Inspections	Hours to Perform
Shipments FROM Infested Areas			201	203
Support Hours				0
<b>TOTAL GLASSY WINGED SHARPSHOOTER HOURS</b>				<b>482</b>

### VERTEBRATE PEST CONTROL

Pest Species	Hours
Non-Regulatory Vertebrate Control	129
<b>TOTAL VERTEBRATE PEST CONTROL HOURS</b>	<b>129</b>

### NOXIOUS WEED CONTROL

Weed Species	Hours
Weed Management Area	20
Neglected/Abandoned Property	5
Equipment Maintenance	305
<b>TOTAL NOXIOUS WEED CONTROL HOURS</b>	<b>330</b>

### RODENT BAITs AND FUMIGANTS SOLD

Pest Species	Total Rodenticide Pounds	Hours
Ground Squirrels, Rats, Mice	2,350	19

### PROGRAM SUPPORT ACTIVITIES

	Hours
Pest Questions, Trainings, Conferences	1,482

**TOTAL PEST MANAGEMENT HOURS: 2,442**

## **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.



## PESTICIDE USE ENFORCEMENT

USE MONITORING INSPECTIONS	NUMBER OF HOURS	NUMBER OF INSPECTIONS	NUMBER OF NON-COMPLIANCES	STRUCTURAL PEST CONTROL INSPECTIONS	NUMBER OF INSPECTIONS	NON-COMPLIANCE COMPLAINTS
Preapplication	248	212	4	Fumigations - Branch 1	5	0
Applications - Property Owner	0	137	28	Applications - Branch 2	12	0
Applications - Pest Control Business	0	49	4	HQ/Employee Safety - Business	4	0
Field Fumigations	0	7	3	Business Records	4	0
				<b>TOTAL LICENSED WORK HOURS</b>	<b>43</b>	<b>25</b>
<b>Application Method</b>	<b>NUMBER OF INSPECTIONS</b>	<b>NUMBER NON-COMPLIANCE</b>				
Aerial	15	0			<b>NUMBER OF HOURS</b>	<b>TOTAL NUMBER ISSUED</b>
Chemigation	1	0		<b>RESTRICTED MATERIALS</b>		<b>TOTAL NUMBER DENIED</b>
Ground	126	24		Agricultural Permits	3,268	1,097
<b>Total</b>	<b>142</b>	<b>24</b>		Non-Agricultural Permits	2	19
		<b>NUMBER OF INSPECTIONS</b>		<b>Total Permits</b>		1,116
Commodity Fumigations		7	0	Notice of Intents Reviewed	180	4,567
Field Worker Safety Inspections		42	8	<b>TOTAL LICENSED WORK HOURS</b>	<b>3,449</b>	0
Monitoring		153	15			
<b>TOTAL LICENSED WORK HOURS</b>	<b>915</b>	<b>631</b>	<b>62.00</b>			
<b>PEST CONTROL RECORDS INSPECTION</b>		<b>NUMBER OF INSPECTIONS</b>	<b>NUMBER NON-COMPLIANCE COMPLAINTS</b>	<b>INVESTIGATIONS</b>		<b>TOTAL INVESTIGATIONS</b>
Business Records		11	0	Human Effects		7
HQ/Employee Safety - Business		11	2	Human Effects Antimicrobial		1
Dealer Records		4	1	Environmental Effects		7
Adviser Records		8	0	<b>TOTAL LICENSED WORK HOURS</b>	<b>109</b>	<b>15</b>
HQ/Emp. Safety - Production Agriculture		62	24	<b>COMPLIANCE ACTIONS</b>		<b>TOTAL NUMBERS</b>
HQ/Emp. Safety - Other		8	4	Warning Letters/Violation Notices		63
<b>TOTAL LICENSED WORK HOURS: 219</b>		<b>104</b>	<b>31</b>	<b>TOTAL LICENSED WORK HOURS</b>	<b>83</b>	

HQ=Headquarters

Sutter County Annual Crop Report 2012

Continued

## PESTICIDE USE ENFORCEMENT

LICENSE/CERTIFICATE	TOTAL NUMBERS		TRAINING AND OUTREACH	NUMBER OF SESSIONS	PERSONS
Agricultural Pest Control Business	105		Licensees	2	124
Agricultural Pest Control Adviser	103		Growers/Operators	35	1,790
Pest Control Aircraft Pilot	67		Public Education	0	0
Farm Labor Contractor	32		<b>TOTAL LICENSED WORK HOURS: 266</b>	<b>37</b>	<b>1914</b>
Operator Identification Numbers	48		<b>ENFORCEMENT ACTIONS TOTAL NUMBERS</b>		
Structural Operators Notice	65		Agricultural Civil Penalties	29	
<b>SUBTOTAL</b>	<b>420</b>				
<b>PRIVATE APPLICATOR</b>	<b>Number Certified</b>	<b>Number Exams</b>	<b>TOTAL LICENSED WORK HOURS:</b>	<b>52</b>	
			<b>SURVEILLANCE HOURS</b>	<b>2,345</b>	
			<b>USE REPORT REVIEW AND FOLLOW-UP HOURS</b>	<b>560</b>	
			<b>TOTAL PESTICIDE ACTIVITY HOURS</b>		
			License Hours Expended	<b>8,072</b>	
Private Applicator - Recertified	116	0	Enforcement Hours	<b>1,996</b>	
Private Applicator - Recertified (Exam)	25	0	Total Licensed Hours	<b>10,068</b>	
Private Applicator - Certified (New)	33	1	Support Hours	<b>1,854</b>	
Private Applicator - Failed Exam		21			
<b>SUBTOTAL</b>	<b>174</b>	<b>22</b>			
<b>TOTAL LICENSED WORK HOURS:</b>	<b>594</b>				

**TOTAL PESTICIDE USE ENFORCEMENT HOURS: 11,922**

## **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.

### **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.

## SEED CERTIFICATION AND NURSERY

### SEED CERTIFICATION

#### ENFORCEMENT OF THE CALIFORNIA SEED LAW

ACTIVITY	NUMBER	HOURS
PREMISES INSPECTED	13	2
LOTS INSPECTED	33	9
OFFICIAL SAMPLES DRAWN	0	0
LABELS OF SEED SHIPMENTS AND/OR 008 REPORTS EVALUATED	47	55
<b>TOTAL HOURS SEED LAW ENFORCEMENT</b>		<b>66</b>

#### SEED CERTIFICATION

ACTIVITY	NUMBER	HOURS
SAMPLES DRAWN	0	0
CERTIFIED MILLS INSPECTED	40	41
HARVESTERS AND FIELD EQUIPMENT INSPECTED	78	98
INTERCOUNTY PERMITS ISSUED	3	2
INTERSTATE PERMITS ISSUED	0	0
<b>TOTAL HOURS SEED CERTIFICATION</b>		<b>141</b>

#### MISCELLANEOUS ACTIVITY

ACTIVITY	NUMBER	HOURS
SAMPLES DRAWN, SERVICE	128	46
SUPPORT AND TRAINING	0	16
<b>TOTAL HOURS MISCELLANEOUS ACTIVITY</b>		<b>62</b>

**TOTAL SEED CERTIFICATION HOURS: 269**

### NURSERY

#### NURSERY INSPECTIONS

TYPE	NUMBER OF LOCATIONS INSPECTED	TOTAL ACRES INSPECTED	NUMBER OF NON-COMPLIANCES	HOURS
PRODUCTION / WHOLESALE	44	443	0	41
NEMATODE CERTIFICATION (#64-086)				32
<b>TOTAL NURSERY INSPECTION HOURS</b>				<b>73</b>

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

ACTIVITY	HOURS
PLANNING	16
TRAINING	1
<b>TOTAL SUPPORT HOURS</b>	<b>17</b>

**TOTAL NURSERY ACTIVITY HOURS: 90**

## **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.

**FRUIT, NUT AND  
VEGETABLE STANDARDIZATION  
STANDARDIZATION**

Activity	Production	Wholesale/Retail	Total
Premises Inspected	22	65	87
Containers Examined	60	0	60
Containers Inspected	67,602	435	68,037
Containers Rejected:			
Other	0	12	12
Non Compliances Issued:			
Other	0	2	2
Certificates, Disposal Orders, Permits Issued	0	0	0
Compliance Interviews	0	1	1
Hours	38	78	
<b>Total Program Hours: 391</b>			

**DIRECT MARKETING**

Activity	Marketing	Production
Premises Inspected	12	118
Production Sites inspected		31
Noncompliances Issued	0	5
Notice of Non-Compliance, Complaints		
Certificates Issued	4	30
Certificates Amended	0	8
Certification/Inspection Hours	16	122
Investigation/Complaint Hours	3	15
Enforcement Action Hours	1	1
Hours	19	138
<b>Total Program Hours: 423</b>		

**ORGANIC**

Activity	Inspections	
	Producer	Retail
	8	7
<b>Total Program Hours: 423</b>		

**TOTAL FRUIT & VEGETABLE HOURS: 1,237**

### **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.

### **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.

### **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.

**APIARY, CROP STATISTICS**  
**AND PREDATORY ANIMAL DAMAGE CONTROL**

**APIARY**

<b>Bee Law Enforcement/Disease Control and American Foulbrood (AFB) Certification</b>	<b>Apiaries</b>	<b>Colonies</b>	<b>Hours</b>
Registered	7	12,568	44
Inspected	2	916	41
<b>Colony Strength &amp; Mite Activities</b>	<b>Apiaries</b>	<b>Colonies</b>	<b>Hours</b>
Certified for Colony Strength	1	104	23
<b>TOTAL APIARY HOURS</b>			<b>108</b>

**CROP STATISTICS**

<b>Agriculture Statistics</b>	<b>Hours</b>
Crop Report and Disaster Declarations	<b>527</b>

**PREDATORY ANIMAL DAMAGE CONTROL**

<b>Predatory Animal Damage Control</b>	<b>Hours</b>
Predatory Animal Damage Control	<b>1,990</b>



## **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.

## WEIGHTS AND MEASURES PROGRAM ACTIVITIES

<b>DEVICE INSPECTIONS</b>												
MEASURING	INITIAL INSPECTION					REINSPECTION			NEW INSTALLATION			Hours
	In	Out	% In	Other	Hours	In	Out	% In	In	Out	% In	
Electric Submeters	87	6	93.5	2	157.0	2	0	100.0	8	0	100.0	16.0
Retail Motor Fuel	945	5	99.5	22	348.2	40	2	95.2	28	0	100.0	44.7
Vapor Submeters	17	2	89.5	1	43.5	0	0		6	0	100.0	15.0
Water Submeters	0	0		0	0.0	0	0		7	1	87.5	10.0
Non Liquid Devices *	15	0	100.0	0	29.0	2	0	100.0	2	0	100.0	2.0
Other Devices **	54	0	100.0	0	153.0	1	0	100.0	3	0	100.0	14.0
<b>WEIGHING</b>												
0 – 500 lbs	297	3	99.0	6	301.5	3	0	100.0	21	0	100.0	31.0
501 – 5000 lbs.	10	0	100.0	0	15.0	0	0		0	0		1.0
Over 5000 lbs.	167	21	88.8	7	513.0	22	0	100.0	12	2	85.7	106.5
<b>TOTALS</b>	<b>1,592</b>	<b>37</b>	<b>97.7</b>	<b>38</b>	<b>1560.2</b>	<b>70</b>	<b>2</b>	<b>97.2</b>	<b>87</b>	<b>3</b>	<b>96.7</b>	<b>240.2</b>
<b>QUANTITY CONTROL INSPECTIONS</b>												
<b>PACKAGE INSPECTION</b>			<b>AUDIT INSPECTION</b>			<b>TEST PURCHASES</b>			<b>PRICE VERIFICATION</b>			
Total Number		Hours	Total Number		Hours	Total Number		Hours	Total Number		Hours	
Lots Tested	0	0	Lots Inspected	2	17	Locations Visited	14	44	Locations Tested	40	227	
Lots Rejected	0		Packages Sampled	54		Purchases/Sales	16		Locations Accepted	3		
<b>WEIGHMASTER / PETROLEUM INSPECTIONS</b>												
<b>WEIGHMASTER</b>			<b>PETROLEUM</b>									
Total Number		Hours	Total Number		Hours							
Locations Visited		17	Locations Visited		20							
Inspections Made		54	Inspections Made		20							
		109			78							
<b>LEGAL ACTION</b>												
<b>COMPLAINTS</b>		<b>CITATIONS</b>			<b>LEGAL ACTIONS FILED</b>			<b>PENALTIES ASSESSED</b>			<b>INVESTIGATIVE COSTS</b>	
		D.A. Criminal	D.A. Civil	Civil Admin.	D.A. Criminal	D.A. Civil	Civil Admin.					
12		0	0	0	0	0	0	\$0.00	\$ 511.00			
<b>HOURS</b>												
		<b>SERVICE AGENCY</b>		<b>DEVICES</b>		<b>QUANTITY CONTROL</b>		<b>WEIGHMASTER</b>		<b>PETROLEUM</b>		
Total Program Direct Hours		296.2		1,981		628		204		164		
Total W & M Direct Hours										3,272		
<b>TOTAL WEIGHTS AND MEASURES HOURS</b>											<b>3,272</b>	

\*Fabric, Cordage, Wire, Odometers, Taximeters, Misc.

\*\* Meters: CNG, Grease & Lube, Liquefied Gas, Milk Tanks, Retail, Retail Water, Tanks, Vehicle, Wholesale

Weighing:

0-500 lbs =Computing, Counter, Prescription/Jewelers  
 501-5000 lbs =Crane, Hanging, Miscellaneous  
 Over 5000 lbs =Dormant, Hopper, Livestock, Monorail, Railway, Vehicle

## **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.

**CERTIFIED UNIFIED PROGRAM AGENCY (CUPA)**

<b>Inspections</b>	<b>Number of Facilities</b>	<b>Number of Tanks</b>
Business Plan Inspections	46	

**TOTAL CERTIFIED UNIFIED PROGRAM AGENCY (CUPA) HOURS: 145**