

# 2008



**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	Hours
Post Office	22	112	59	2	22
Federal Express	258	1,955	1,862	2	379
Gypsy Moth	6	-	6	-	7
Truck	62	68	68	1	151
<b>TOTALS</b>	<b>348</b>	<b>2,135</b>	<b>1,995</b>	<b>5</b>	<b>559</b>

### ORIGIN CERTIFICATION

Type	No. of Inspections	Certificates Issued	Hours
Federal Phyto	146	1,120	1,326
State Phyto	4	6	30
Q.C. Certificate	-	5	3
Other Inspections	542	240	2,670
<b>TOTALS</b>	<b>692</b>	<b>-</b>	<b>4,029</b>

### FACILITIES AND PROPERTIES

Type	Inspections	Hours
Feed Grain/Screenings	1	2
Q.C. 211 Facilities	7	5
High Risk Markets	6	2
Testing and Research	2	12
<b>TOTALS</b>	<b>16</b>	<b>21</b>

### PROGRAM SUPPORT ACTIVITIES

	Hours
Planning, Staff Support, Coordination, Grower/Staff Training, Public Relations, et cetera	2,656

**TOTAL PEST EXCLUSION HOURS: 7,715**

Q.C. = Quarantine Compliance

## **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
COMMERCIAL CROPS		2	2
PUBLIC CONTACT		264	203
<b>SPECIAL SURVEY</b>			
Light Brown Apple Moth		177	485
Karnal Bunt		4	1
Khapra Beetle		32	23
Vine Mealybug		39	6
McPhail Trap		48	36
<b>TRAPPING</b>		1,023	
<b>SUPPORT</b>		207	
<b>TRAINING</b>		11	
TRAP TYPE	TOTAL NUMBER OF TRAP SERVICINGS	TRAP TYPE	TOTAL NUMBER OF TRAP SERVICINGS
European Pine Shoot Moth	26	McPhail Trap	322
Glassy Winged Sharp Shooter	1,971	Medfly	812
Gypsy Moth	344	Melon	339
Japanese Beetle	238	Oriental Fruit Fly	314
Khapra Beetle (Trogo Trap)	245	Vine Mealybug	78
Light Brown Apple Moth	1,037		

**TOTAL PEST DETECTION HOURS: 1,807**

## **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	Properties with Traps	Number Trap Inspections	Visual Survey Hours	Trap Inspection Hours
Nursery	-	26	9	795	-	100
Urban	-	91	91	1,163	-	277
Cropland	-	6	6	78	-	12
			Total Number of Inspections	Number Receiving from Infested Areas	Hours to Perform	
Shipments FROM Infested Areas			472	51	642	
Support Hours					25	
<b>TOTAL GLASSY WINGED SHARPSHOOTER HOURS</b>						<b>1,056</b>

### VERTEBRATE PEST CONTROL

Pest Species	Number of Properties	Acres Treated	Hours
General / Supervision	-	-	76
Bait Handling	-	-	114
Vertebrate Questions	-	-	332
Training/Meetings	-	-	12
Non-Regulatory Vertebrate Control	12	203	60
<b>TOTAL VERTEBRATE PEST CONTROL HOURS</b>			<b>594</b>

### NOXIOUS WEED CONTROL

Weed Species	Acres Treated	Hours
General	-	1,478
Weed Management Area	2,448	1,741
Neglected/Abandoned Property	-	55
Training/Meetings	-	170
Maintenance	-	1,195
Herbicide/Weed Questions	-	423
Non-Regulatory Weed Control	8	22
<b>TOTAL NOXIOUS WEED CONTROL HOURS</b>		<b>5,084</b>

### RODENT BAITS AND FUMIGANTS SOLD

Pest Species	Total Rodenticide Pounds	Hours
Ground Squirrels, Rats, Mice	1,868	55

**TOTAL PEST MANAGEMENT HOURS: 8,547**

## **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	359	248	7	Fumigations - Branch 1	7	2
Applications - Property Owner	-	111	54	Applications - Branch 2	19	2
Applications - Pest Control Business	-	58	59	Mix/Loads - Branch 2	1	-
Field Fumigations	-	10	-	HQ/Employee Safety - Business	2	-
				Business Records	3	-
Application Method	NUMBER OF HOURS	NUMBER OF NON-COMPLIANCES		TOTAL LICENSED WORK HOURS: 62		
Aerial	22	1			29	4
Chemigation	1	-		RESTRICTED MATERIALS		
Ground	134	47			NUMBER OF HOURS	TOTAL NUMBER ISSUED
				Agricultural Permits	4,216	1,020
Total	149	22		Non-Agricultural Permits	29	5
				Total Permits		1,025
Commodity Fumigations		18	5	Notice of Intent Reviewed	422	5,833
Field Worker Safety Inspections		56	8	TOTAL LICENSED WORK HOURS: 4,668		
Monitoring		126	42			1
TOTAL LICENSED WORK HOURS: 1,190						
		893	154			
PEST CONTROL RECORDS INSPECTION						
Business Records		7	7	INVESTIGATIONS		TOTAL INVESTIGATIONS
HQ/Employee Safety - Business		6	6	Human Effects		6
Dealer Records		5	3	Property Loss Damage		1
Adviser Records		3	2	TOTAL LICENSED WORK HOURS: 330		
HQ/Emp. Safety - Production Agriculture		50	49			7
HQ/Emp. Safety - Other		10	4	COMPLIANCE ACTIONS		TOTAL NUMBERS
				Warning Letters/Violation Notices		122
TOTAL LICENSED WORK HOURS: 276						
		81	71	TOTAL LICENSED WORK HOURS: 314		
						122

HQ=Headquarters

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Continued

**PESTICIDE USE ENFORCEMENT** *Continued*

<b>LICENSE/CERTIFICATE</b>	<b>TOTAL NUMBERS</b>	<b>TRAINING AND OUTREACH</b>	<b>NUMBER OF SESSIONS</b>	<b>PERSONS</b>
Agricultural Pest Control Business	89	Licenseses	21	229
Agricultural Pest Control Adviser	88	Growers/Operators	25	1,406
Pest Control Aircraft Pilot	65	Public Education	3	51
Farm Labor Contractor	28	<b>TOTAL LICENSED WORK HOURS: 288</b>	49	1,686
Operator Identification Numbers	57	<b>ENFORCEMENT ACTIONS</b>	<b>TOTAL NUMBERS</b>	
Structural Operators Notice	64	Agricultural Civil Penalties	38	
<b>SUBTOTAL</b>	<b>391</b>	<b>TOTAL LICENSED WORK HOURS: 284</b>	<b>38</b>	
<b>PRIVATE APPLICATOR</b>	<b>Number Certified</b>	<b>SURVEILLANCE HOURS</b>	<b>1,597</b>	
Private Applicator - Recertified	117	<b>PESTICIDE/HAZARDOUS MATERIAL SPILL HOURS</b>	<b>3</b>	
Private Applicator - Recertified (Exam)	44	<b>USE REPORT REVIEW AND FOLLOW-UP HOURS</b>	<b>431</b>	
Private Applicator - Certified (New)	47	<b>TOTAL PESTICIDE ACTIVITY HOURS</b>		
Private Applicator - Failed Exam		License Hours Expended	9,526	
<b>SUBTOTAL</b>	<b>208</b>	Enforcement Hours	2,492	
<b>TOTAL LICENSED WORK HOURS: 83</b>		Total Licensed Hours	12,018	
		Support Hours	3,524	

**TOTAL PESTICIDE USE ENFORCEMENT HOURS: 15,542**

## **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	9	15
LOTS INSPECTED	27	3
<b>TOTAL HOURS SEED LAW ENFORCEMENT</b>		<b>18</b>

### SEED CERTIFICATION

ACTIVITY	NUMBER	HOURS
SAMPLES DRAWN	39	50
CERTIFIED MILLS INSPECTED	23	60
HARVESTERS AND FIELD EQUIPMENT INSPECTED	59	107
INTERCOUNTY PERMITS ISSUED	51	31
INTERSTATE PERMITS ISSUED	4	10
<b>TOTAL HOURS SEED CERTIFICATION</b>		<b>248</b>

### MISCELLANEOUS ACTIVITY

ACTIVITY	NUMBER	HOURS
SAMPLES DRAWN, SERVICE	45	21
SUPPORT AND TRAINING		71
<b>TOTAL HOURS MISCELLANEOUS ACTIVITY</b>		<b>92</b>

**TOTAL SEED CERTIFICATION HOURS: 358**

## NURSERY

### NURSERY INSPECTIONS

TYPE	NUMBER OF LOCATIONS INSPECTED	TOTAL ACRES INSPECTED	NUMBER OF NON-COMPLIANCES	HOURS
PRODUCTION / WHOLESALE	39	143		37
NEMATODE CERTIFICATION (#64-086)				19
<b>TOTAL NURSERY INSPECTION HOURS</b>				<b>56</b>

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

ACTIVITY	HOURS
PLANNING	92
SUPPORT AND TRAINING	88
<b>TOTAL SUPPORT HOURS</b>	<b>180</b>

**TOTAL NURSERY ACTIVITY HOURS: 236**

### **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**

<b>Activity</b>	<b>Production</b>	<b>Wholesale/Retail</b>	<b>Total</b>
Premises Inspected	6	-	6
Containers Examined	15	-	15
Containers Inspected	2,635	-	2,635
Containers Rejected:			
Maturity	-	-	-
Non Compliances Issued:			
Maturity	-	-	-
Other	-	-	-
Certificates, Disposal Orders, Permits Issued	81	-	81
Hours	78	3	
<b>Total Program Hours</b>			<b>95</b>

**DIRECT MARKETING**

<b>Activity</b>	<b>Marketing</b>	<b>Production</b>
Premises Inspected	20	-
Production Sites inspected		24
Noncompliances Issued	-	-
Notice of Non-Compliance, Complaints	-	-
Certificates Issued	5	21
Certificates Amended	-	10
Certification/Insp Hours	66	245
Investigations/Complaints Hours	-	-
Enforcement Action Hours	-	1
<b>Total Program Hours</b>	<b>-</b>	<b>337</b>

**ORGANIC**

<b>Activity</b>	<b>Producer</b>
Premises Inspected	4
Registrations Issued	1
Registrations Amended	8
<b>Total Program Hours</b>	<b>367</b>

**TOTAL FRUIT & VEGETABLE HOURS: 799**

### **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	86	9896	10
Inspected	18	250	12
Certified		536	2
<b>Colony Strength &amp; Mite Activities</b>	<b>Apiaries</b>	<b>Colonies</b>	<b>Hours</b>
Certified for Colony Strength	1	70	5
Sampled for Mites	15	536	2
Certified Mite Free	15	536	1
<b>TOTAL APIARY HOURS</b>			<b>32</b>

**CROP STATISTICS**

<b>Agriculture Statistics</b>	<b>Hours</b>
Crop Report and Disaster Declarations	479

**PREDATORY ANIMAL DAMAGE CONTROL**

<b>Predatory Animal Damage Control</b>	<b>Hours</b>
Predatory Animal Damage Control	1,613



## **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.



### **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>
Annual Inspections	46	127
Business Plan Inspections	63	

**TOTAL CERTIFIED UNIFIED PROGRAM AGENCY (CUPA) HOURS: 649**