

SITUATION REPORT
CALIFORNIA LIGHT BROWN APPLE MOTH COOPERATIVE ERADICATION PROGRAM
 Report reflects totals received by Thursday at noon

Regulatory Weekly Nursery Inspections, Acres and Suspects Found By County																			
County	2009 Totals		YTD 2010		YTD 2011		This Month (1/1/2011 To 2/10/2011)												
	Nursery Insp.	Acres Insp.	Nursery Insp.	Acres Insp.	Nursery Insp.	Acres Insp.	Nursery Inspections						Suspects						
							Production		Retail		Totals		Larvae		Pupae		Egg		
							Insp.	Acres	Insp.	Acres	Insp.	Acres	Submitted	Positive ID	Submitted	Positive ID	Submitted	Positive ID	
Alameda	10	6.4	2	1.2	0.0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0
Contra Costa	621	679.6	162	297.6	3.0	2.8	2	2.5	1	0.3	3	2.8	0	0	0	0	0	0	0
Los Angeles	70	790.3	11	142.0	2.0	30.0	2	30.0	0	0.0	2	30.0	0	0	0	0	0	0	0
Marin	269	181.5	94	90.1	5.0	4.3	5	4.3	0	0.0	5	4.3	0	0	0	0	0	0	0
Monterey	2732	13332.6	2045	10736.3	115.0	606.6	114	605.6	1	1.0	115	606.6	72	53	2	0	0	0	0
Napa	67	63.5	0	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0
Orange	0	0.0	2	32.0	2.0	32.0	2	32.0	0	0.0	2	32.0	0	0	0	0	0	0	0
Sacramento	0	0.0	1	120.0	0.0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0
San Benito	191	1907.4	147	873.0	1.0	1.5	1	1.5	0	0.0	1	1.5	0	0	0	0	0	0	0
San Francisco	226	44.9	160	21.2	0.0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0
San Joaquin	8	1475.5	21	585.0	0.0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0
San Luis Obispo	246	1408.4	463	1790.9	1.0	20.0	0	0.0	1	20.0	1	20.0	0	0	0	0	0	0	0
San Mateo	1042	5091.1	290	955.1	24.0	131.7	24	131.7	0	0.0	24	131.7	25	12	1	0	0	0	0
Santa Barbara	918	4878.3	0	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0
Santa Clara	577	2869.8	207	5032.0	27.0	492.7	27	492.7	0	0.0	27	492.7	6	5	1	0	0	0	0
Santa Cruz	2921	11156.7	1294	7803.7	60.0	468.7	60	468.7	0	0.0	60	468.7	33	29	2	2	0	0	0
Solano	112	12.2	0	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0
Sonoma	841	1259.2	658	1377.2	16.0	25.3	15	24.3	1	1.0	16	25.3	0	0	0	0	0	0	0
Yolo	100	2778.1	0	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0
Grand Total	10951	47935.5	5557	29857.2	256	1815.5	252	1793.2	4	22.3	256	1815.5	136	99	6	2	0	0	0

As of 11/19/2009 Immature Life Stages can be rated "A" (Morphological) or "Q" (DNA)

Regulatory Weekly Commodity Inspections With Acres And Suspects Found By County

County	2009 Totals			YTD 2010			YTD 2011			This Month (1/1/2011 To 2/10/2011)								
	Cooler Insp.*	Site Insp.	Acres Insp.	Cooler Insp.*	Site Insp.	Acres Insp.	Cooler Insp.*	Site Insp.*	Acres Insp.	Commodity Inspections			Suspects					
										Totals			Larvae	Pupae	Egg			
										Cooler**	Site	Acres	Submitted	Positive ID	Submitted	Positive ID	Submitted	Positive ID
Alameda	0	0	0.0	0	1	1.00	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Contra Costa	0	62	223.0	0	62	581.06	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Los Angeles	0	2	0.1	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Marin	0	459	449.2	0	39	61.40	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Monterey	1230	644	50017.2	1448	587	68205.00	0	2	21.50	0	2	21.50	0	0	0	0	0	0
Napa	0	138	700.6	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0	0	0	0
San Benito	26	199	2675.5	57	166	3011.74	0	0	0.00	0	0	0.00	0	0	0	0	0	0
San Francisco	0	0	0.0	0	2	1.20	0	0	0.00	0	0	0.00	0	0	0	0	0	0
San Joaquin	0	21	252.3	0	37	1048.73	0	0	0.00	0	0	0.00	0	0	0	0	0	0
San Luis Obispo	0	207	1027.4	0	58	252.53	0	0	0.00	0	0	0.00	0	0	0	0	0	0
San Mateo	0	5	195.0	0	31	137.47	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Santa Barbara	0	66	395.7	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Santa Clara	0	426	3093.3	0	165	1279.14	0	3	16.36	0	3	16.36	0	0	0	0	0	0
Santa Cruz	1547	1427	39127.8	1272	682	30332.30	0	11	68.80	0	11	68.80	0	0	0	0	0	0
Solano	0	27	1041.2	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Sonoma	0	2007	7205.1	0	85	770.05	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Yolo	0	4	30.1	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Grand Total	2803	5694	106433.4	2777	1915	105681.62	0	16	106.66	0	16	106.66	0	0	0	0	0	0

*Cooler inspections are considered 100% inspected. As of 11/19/2009 Immature Life Stages can be rated "A" (Morphological) or "Q" (DNA)

Host Plants

This data includes only the 15 most common hosts. 1 PDR number is counted as 1 find. Source: ISIS IV

Scientific Host Name	Common Host Name	# of Repeat Finds
Rubus	Blackberry, Raspberry, Olallieberry	119
Alstroemeria	Peruvian Lily	107
Myrica	Myrica	88
Fragaria	Strawberry	66
Rosa	Rose	63
Ceanothus	Ceanothus	61
Vaccinium	Blueberry	48
Pittosporum	Pittosporum	45
Leucadendron	Leucadendron	45
Prunus	Plum, Cherry, Peach, Apricot	38
Rosmarinus officinalis	Rosemary	36
Salvia	Sage	35
Malus	Apple	32
Ribes	Gooseberry	31
Boronia	Boronia	27

Total Suspect LBAM Larvae/Pupae/Egg

Collected	#	% of Collected
Larvae/Pupae/Egg Masses	10,355	100.00
Non-Target Specimens	3,632	35.07
Confirmed "Positive"	6,723	64.93

Note: Records without results are not included.

Source: ISIS IV

Compliance Agreements Issued to Date

Source: ISIS IV

Total number of sites with Compliance Agreements- includes sites with the same C/A number.	Total Number of (unique) Compliance Agreements Issued			Total Acres under compliance-Active Establishments Only		
(not unique)	Nursery	Commodity	Other	Nursery	Commodity	Other
7,768	1,395	1,762	316	11,481.26	92,968.45	142.91
	Total: 3473			Total: 104592.62		

Source: County Ag. Trappers & LBAM Program
Trappers

Report Date 2/10/2011	USDA/CDFA LBAM Traps by Type												Total Traps
	LBAM Project						CDFA/County						
	Delimitation		Post - Treatment		Detection	Nursery	Cropland	Delimitation		Detection	Nursery	Cropland	
County	Sites	#Traps	Sites	#Traps				Sites	#Traps				
Alameda	1	26	0	0	0	8	0	0	0	0	39	0	73
Contra Costa	0	0	0	0	0	0	0	0	0	0	55	0	55
Fresno	0	0	0	0	0	0	0	0	0	0	0	0	0
Los Angeles	1	295	0	0	0	219	104	0	0	4,964	0	0	5,582
Marin	0	0	0	0	0	0	0	0	0	0	5	0	5
Monterey	0	0	0	0	0	257	210	2	340	18	0	0	825
Napa	0	0	0	0	0	0	0	0	0	83	16	194	293
Sacramento	4	464	0	0	0	0	0	1	81	0	88	7	640
San Benito	0	0	0	0	0	2	48	0	0	0	5	0	55
San Diego	2	582	0	0	0	701	301	0	0	664	0	0	2,248
San Francisco	0	0	0	0	0	0	0	0	0	0	0	0	0
San Joaquin	1	16	1	196	0	88	26	3	147	0	0	0	473
San Luis Obispo	1	407	1	43	68	37	420	0	0	80	42	0	1,097
San Mateo	0	0	0	0	0	175	0	0	0	0	0	0	175
Santa Barbara	0	0	0	0	0	0	301	0	0	420	0	0	721
Santa Clara	0	0	0	0	0	122	13	0	0	0	0	0	135
Santa Cruz	0	0	0	0	0	122	0	0	0	0	0	0	122
Solano	2	105	0	0	0	0	0	0	0	0	116	0	221
Sonoma	0	0	0	0	0	0	0	0	0	0	33	0	33
Ventura	0	0	0	0	0	0	0	0	0	538	0	0	538
Yolo	3	291	0	0	0	240	0	0	0	0	13	0	544
Total Traps	15	2,186	0	239	68	1,971	1,423	6	568	6,767	412	201	13,835

* Monterey Delimitation is at County Cost.

Detection Trapping Pest Results (Adult LBAM):

Source: CDFR/PHPPS

Date 1/6/2011																			Positive Totals by Year/YTD	
County	2007	2008	2009	*Dec-10	2010	*Jan-11	*Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	YTD 2011	Total	
Alameda	449	2811	43688	3	2554	12	2	0	0	0	0	0	0	0	0	0	0	14	49516	
Contra Costa	152	2144	16278	0	340	2	0	0	0	0	0	0	0	0	0	0	0	2	18914	
Fresno	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Los Angeles	1	0	108	42	627	112	4	0	0	0	0	0	0	0	0	0	0	116	736	
Marin	77	941	9542	0	622	0	0	0	0	0	0	0	0	0	0	0	0	0	11182	
Monterey	865	5364	18213	217	8291	76	1	0	0	0	0	0	0	0	0	0	0	77	32733	
Napa	2	16	287	11	105	32	4	0	0	0	0	0	0	0	0	0	0	36	410	
Sacramento	0	0	0	2	13	0	1	0	0	0	0	0	0	0	0	0	0	1	13	
San Benito	0	9	26	0	46	2	0	0	0	0	0	0	0	0	0	0	0	2	81	
San Diego	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
San Francisco	4041	17005	60115	0	668	0	0	0	0	0	0	0	0	0	0	0	0	0	81829	
San Joaquin	0	0	10	0	11	2	0	0	0	0	0	0	0	0	0	0	0	2	21	
San Luis Obispo	1	0	22	1	10	0	2	0	0	0	0	0	0	0	0	0	0	2	33	
San Mateo	98	1921	11599	2	890	103	15	0	0	0	0	0	0	0	0	0	0	118	14508	
Santa Barbara	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
Santa Clara	22	131	409	29	177	26	0	0	0	0	0	0	0	0	0	0	0	26	739	
Santa Cruz	11095	16619	43347	200	12333	521	17	0	0	0	0	0	0	0	0	0	0	538	83394	
Solano	9	23	176	0	99	0	0	0	0	0	0	0	0	0	0	0	0	0	307	
Sonoma	0	23	159	0	82	0	0	0	0	0	0	0	0	0	0	0	0	0	264	
Ventura	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Yolo	0	0	8	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	24	
Program Totals	16812	47013	203990	507	26895	888	46	0	934	294710										
* Not all monthly totals have come in- PDR Identification still in progress																				

Facilities and Program Developments:
RESOURCES MANAGEMENT (revised 2/10/2011)

Staffing:

<u>Organization</u>	<u>Total Positions</u>
CDFA (California Department of Food & Agriculture)	11
USDA (United States Department of Agriculture)	7 + 12 SIT
CASS (Cooperative Agricultural Support Services)	25

Background: On February 6, 2007, CDFA was informed that Light Brown Apple Moth (LBAM) was first detected in a light trap in Berkeley that is maintained by a University of California Professor Emeritus. The sample was identified by Australian entomologist Dr. Marianne Horak. There were two unofficial detections in this trap, on July 19, 2006 and November 19, 2006. In response to these unofficial detections, delimitation traps were placed in the spring of 2007, in a 2.5 mile radius around this site. The traps were placed in a 100/50/10 trap per square mile array. During the first inspection of these traps, LBAM were detected in Alameda and Contra Costa Counties. In response to these official detections, detection and delimitation trapping continued throughout the Bay Area, with a total to date of seventeen Counties having detections of LBAM. Trapping was extended State-wide, and larval finds were subsequently found in several locations. Following the issuance of a State Interior Quarantine and a Federal Executive Order regulating the affected area, an emergency project was initiated under joint County/CDFA/USDA management operating under Incident Command and based in Salinas, Watsonville, and now Moss Landing. Program components include detection trapping, diagnostics, inspections of commodities and nurseries, regulatory compliance, and treatments. There are currently three program office locations. The operations base is in Moss Landing and there are field work units in West Sacramento / Royal Oak, San Luis Obispo, San Marcos and Long Beach.