

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 (3/3/2011 To 4/6/2011)												
	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	24.0	50.5	1	2.3	1	0.1	2	2.4	0	0	0	0	0	0	0
Los Angeles	70	790.3	11	142.0	8.0	77.0	2	6.0	0	0.0	2	6.0	0	0	0	0	0	0	0
Marin	269	181.5	94	90.1	15.0	22.8	5	4.3	0	0.0	5	4.3	0	0	0	0	0	0	0
Monterey	2732	13332.6	2045	10736.3	278.0	1532.8	100	615.0	0	0.0	100	615.0	29	34	7	8	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	5.0	52.0	2	18.0	0	0.0	2	18.0	0	0	0	0	0	0	0
Sacramento	0	0.0	1	120.0	3.0	20.5	0	0.0	3	20.5	3	20.5	13	1	0	0	0	0	0
San Benito	191	1907.4	147	873.0	8.0	34.0	4	12.0	0	0.0	4	12.0	0	0	0	0	0	0	0
San Diego	0	0.0	65	937.5	0.0	0.0	0	0.0	0	0.0	0	0.0	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	22	645.0	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	25.0	173.9	8	27.7	0	0.0	8	27.7	0	0	0	0	0	0	0
San Mateo	1042	5091.1	290	955.1	57.0	336.8	21	135.0	0	0.0	21	135.0	6	13	0	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	58.0	1215.8	24	478.1	0	0.0	24	478.1	10	3	5	3	0	0	0
Santa Cruz	2921	11156.7	1294	7803.7	128.0	978.6	51	357.0	0	0.0	51	357.0	21	17	5	5	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	21.0	44.9	4	17.9	0	0.0	4	17.9	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	5623	30854.7	630	4539.6	222	1673.2	4	20.6	226	1693.8	79	68	17	16	0	0	0

As of 11/19/2009 Immature Life Stages can be rated "A" (Morphological) or "Q" (DNA). Positive ID count may be higher than Submission Count, due to Lag time between Submission and ID of pest. Some Pest ID's in this Report may have been submitted in Last Report.

Regulatory Weekly Commodity Inspections With Acres And Suspects Found By County

County	2009 Totals			YTD 2010			YTD 2011			This Month (3/3/2011 To 4/6/2011)								
	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	8	48.50	0	4	17.00	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 Diego	0	0	0.0	0	1	0.00	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	1	0.50	0	1	0.50	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	5	32.19	0	1	8.00	0	0	0	0	0	0
Santa Cruz	1547	1427	39127.8	1272	682	30332.30	0	22	111.30	0	7	32.00	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	1916	105681.62	0	36	192.49	0	13	57.50	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). Positive ID count may be higher than Submission Count, due to Lag time between Submission and ID of pest. Some Pest ID's in this Report may have been submitted in Last Report.

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	123
Alstroemeria	Peruvian Lily	110
Myrica	Myrica	93
Fragaria	Strawberry	66
Rosa	Rose	65
Ceanothus	Ceanothus	70
Vaccinium	Blueberry	48
Pittosporum	Pittosporum	45
Leucadendron	Leucadendron	45
Prunus	Plum, Cherry, Peach, Apricot	38
Rosmarinus officinalis	Rosemary	36
Salvia	Sage	38
Malus	Apple	32
Ribes	Gooseberry	31
Boronia	Boronia	27

Total Suspect LBAM Larvae/Pupae/Egg

Collected	#	% of Collected
Larvae/Pupae/Egg Masses	10,550	100.00
Non-Target Specimens	3,675	34.83
Confirmed "Positive"	6,875	65.17

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. (not unique)	Total Number of (unique) Compliance Agreements Issued			Total Acres under compliance-Active Establishments Only		
	Nursery	Commodity	Other	Nursery	Commodity	Other
	1,685	1,777	335	12143.91	93496.35	147.91
8,101	Total: 3797			Total: 105788.17		

Source: County Ag. Trappers & LBAM Program
Trappers

Report Date 4/7/2011	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
Los Angeles	0	0	0	0	0	211	41	0	0	4,955	0	0	5,207
Marin	0	0	0	0	0	8	1	0	0	0	0	0	9
Monterey	0	0	0	0	0	255	211	2	340	18	0	0	824
Napa	0	0	0	0	0	0	0	0	0	17	13	31	61
Sacramento	4	464	0	0	0	0	0	1	81	0	100	0	645
San Benito	0	0	0	0	0	2	48	0	0	0	0	0	50
San Diego	3	839	0	0	0	700	300	0	0	561	0	0	2,400
San Francisco	0	0	0	0	0	0	0	0	0	0	0	0	0
San Joaquin	2	41	1	196	0	38	0	3	147	0	0	0	422
San Luis Obispo	2	635	1	43	68	37	420	0	0	80	55	0	1,338
San Mateo	0	0	0	0	0	166	0	0	0	0	0	0	166
Santa Barbara	0	0	0	0	0	0	0	0	0	402	0	0	402
Santa Clara	0	0	0	0	0	121	13	0	0	0	0	0	134
Santa Cruz	0	0	0	0	0	122	0	0	0	0	0	0	122
Solano	3	133	0	0	0	0	0	0	0	0	116	0	249
Sonoma	0	0	0	0	0	0	0	0	0	0	0	0	0
Stanislaus	2	244	0	0	0	0	0	0	0	0	0	0	244
Yolo	4	319	0	0	0	240	0	0	0	78	14	0	651
Total Traps	21	2,701	0	239	68	1,908	1,034	0	568	6,111	392	31	13,052

Detection Trapping Pest Results (Adult LBAM):

Source: CDFA/PHPPS

Date 4/7/2011																		
Positive Totals by Year/YTD																		
County	2007	2008	2009	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	2554	12	16	2	0	0	0	0	0	0	0	0	0	30	49532
Contra Costa	152	2144	16278	340	2	34	67	0	0	0	0	0	0	0	0	0	103	19017
Fresno	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Los Angeles	1	0	108	627	112	7	9	0	0	0	0	0	0	0	0	0	128	864
Marin	77	941	9542	622	0	0	10	0	0	0	0	0	0	0	0	0	10	11192
Monterey	865	5364	18213	8291	76	27	130	0	0	0	0	0	0	0	0	0	233	32966
Napa	2	16	287	105	32	16	7	0	0	0	0	0	0	0	0	0	55	465
Sacramento	0	0	0	13	2	2	1	1	0	0	0	0	0	0	0	0	6	19
San Benito	0	9	26	46	0	0	0	0	0	0	0	0	0	0	0	0	0	81
San Diego	0	0	0	10	0	0	1	0	0	0	0	0	0	0	0	0	1	11
San Francisco	4041	17005	60115	668	0	0	0	0	0	0	0	0	0	0	0	0	0	81829
San Joaquin	0	0	10	11	2	0	0	0	0	0	0	0	0	0	0	0	2	23
San Luis Obispo	1	0	22	10	0	2	2	0	0	0	0	0	0	0	0	0	4	37
San Mateo	98	1921	11599	890	103	90	67	0	0	0	0	0	0	0	0	0	260	14768
Santa Barbara	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Santa Clara	22	131	409	177	26	12	15	0	0	0	0	0	0	0	0	0	53	792
Santa Cruz	11095	16619	43347	12333	521	89	154	0	0	0	0	0	0	0	0	0	764	84158
Solano	9	23	176	99	0	0	1	0	0	0	0	0	0	0	0	0	1	308
Sonoma	0	23	159	82	0	0	0	0	0	0	0	0	0	0	0	0	0	264
Stanislaus	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
Ventura	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Yolo	0	0	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Program Totals	16812	47013	203990	26895	888	296	466	1	0	1651	294710							
* Not all monthly totals have come in- PDR Identification still in progress																		

Facilities and Program Developments:
RESOURCES MANAGEMENT (revised 4/7/2011)

Staffing:

<u>Organization</u>	<u>Total Positions</u>
CDFA (California Department of Food & Agriculture)	15
USDA (United States Department of Agriculture)	6 + 9 SIT
CASS (Cooperative Agricultural Support Services)	19

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 San Jose, Albany, West Sacramento, Nipomo, and Long Beach.