

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 (7/7/2011 To 8/3/2011)											
	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
Contra Costa	621	679.6	162	297.6	52.0	121.0	8	25.8	1	0.3	9	26.1	2	0	2	1	0	0
Los Angeles	70	790.3	11	142.0	17.0	200.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Marin	269	181.5	94	90.1	42.0	41.2	5	4.3	0	0.0	5	4.3	0	0	0	0	0	0
Monterey	2732	13332.6	2045	10736.3	614.0	3265.8	72	348.3	0	0.0	72	348.3	41	33	5	1	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
Orange	0	0.0	2	32.0	11.0	106.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Sacramento	0	0.0	1	120.0	19.0	51.0	2	2.0	1	0.5	3	2.5	23	1	7	0	0	0
San Benito	191	1907.4	147	873.0	21.0	117.0	7	30.5	0	0.0	7	30.5	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
San Francisco	226	44.9	160	21.2	0.0	0.0	0	0.0	0	0.0	0	0.0	0	0	3	3	0	0
San Joaquin	8	1475.5	22	645.0	6.0	87.5	2	24.0	0	0.0	2	24.0	3	3	0	0	0	0
San Luis Obispo	246	1408.4	463	1790.9	47.0	248.4	0	0.0	0	0.0	0	0.0	3	0	0	0	0	0
San Mateo	1042	5091.1	290	955.1	149.0	860.3	17	137.5	0	0.0	17	137.5	0	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
Santa Clara	577	2869.8	207	5032.0	134.0	2488.1	15	275.7	0	0.0	15	275.7	6	1	0	0	0	0
Santa Cruz	2921	11156.7	1294	7803.7	265.0	1901.3	25	160.2	0	0.0	25	160.2	35	13	0	1	0	0
Solano	112	12.2	0	0.0	2.0	101.0	2	101.0	0	0.0	2	101.0	0	0	0	0	0	0
Sonoma	841	1259.2	658	1377.2	107.0	232.3	2	4.2	0	0.0	2	4.2	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
Grand Total	10951	47935.5	5623	30854.7	1486	9820.9	157	1113.5	2	0.8	159	1114.3	113	51	17	6	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 (7/7/2011 To 8/3/2011)									
	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	0
Contra Costa	0	62	223.0	0	62	581.06	0	18	279.36	0	0	0.00	0	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	0
Marin	0	459	449.2	0	39	61.40	0	4	1.00	0	0	0.00	0	0	0	0	0	0	0
Monterey	1230	644	50017.2	1448	587	68205.00	501	32	28568.49	122	3	6972.35	7	0	0	0	0	0	0
Napa	0	138	700.6	0	0	0.00	2	0	106.00	1	0	53.00	0	0	0	0	0	0	0
San Benito	26	199	2675.5	57	166	3011.74	7	1	174.83	2	0	37.83	0	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	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	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	0
San Mateo	0	5	195.0	0	31	137.47	0	4	4.60	0	0	0.00	0	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	0
Santa Clara	0	426	3093.3	0	165	1279.14	0	38	191.09	0	1	20.00	0	0	0	0	0	0	0
Santa Cruz	1547	1427	39127.8	1272	682	30332.30	416	53	14688.00	191	8	5729.80	6	6	3	3	0	0	0
Solano	0	27	1041.2	0	0	0.00	0	5	139.00	0	5	139.00	0	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	0
Yolo	0	4	30.1	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0	0	0	0	0
Grand Total	2803	5694	106433.4	2777	1915	105681.62	926	155	44152.37	316	17	12951.98	13	6	3	3	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.

Scientific Host Name	Common Host Name	# of Repeat Finds
Rubus	Blackberry, Raspberry, Olallieberry	126
Alstroemeria	Peruvian Lily	120
Myrica	Myrica	100
Ceanothus	Ceanothus	71
Fragaria	Strawberry	69
Rosa	Rose	68
Rosmarinus officinalis	Rosemary	52
Vaccinium	Blueberry	48
Pittosporum	Pittosporum	50
Leucadendron	Leucadendron	47
Prunus	Plum, Cherry, Peach, Apricot	41
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	11,142	100.00
Non-Target Specimens	3833	34.40
Confirmed "Positive"	7309	65.60

Note: Records without results are not included.

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
	1,693	1,785	334	12245.42	90634.76	147.91
8,161	Total: 3812			Total: 103028.09		

Source: County Ag. Trappers & LBAM Program
Trappers

Report Date 8/4/2011	USDA/CDFR LBAM Traps by Type												Total Traps
	LBAM Project						CDFR/County						
	Delimitation		Post - Treatment		Detection	Nursery	Cropland	Delimitation		Detection	Nursery	Cropland	
County	Sites	#Traps	Sites	#Traps				Sites	#Traps				
Alameda	0	0	0	0	0	0	0	0	0	0	43	13	56
Contra Costa	0	0	0	0	0	0	0	0	0	0	55	54	109
Los Angeles	0	0	0	0	0	201	32	0	0	4,978	0	0	5,211
Madera	1	244		0	0	0	0	0	0	0	0	0	244
Marin	0	0	0	0	0	0	0	0	0	0	13	1	14
Monterey	0	0	0	0	0	241	211	2	340	18	0	0	810
Napa	0	0	0	0	0	0	0	0	0	0	11	0	11
Sacramento	5	1,277	0	0	0	0	0	1	139	1,153	97	67	2,733
San Benito	0	0	0	0	0	0	0	0	0	2	17	42	61
San Diego	1	339	0	0	0	700	304	0	0	412	0	0	1,755
San Francisco	0	0	0	0	0	0	0	0	0	0	0	0	0
San Joaquin	4	400	1	196	0	48	904	3	217	620	240	0	2,625
San Luis Obispo	3	618	0	0	0	26	303	0	0	191	56	0	1,194
San Mateo	0	0	0	0	0	127	0	0	0	0	0	0	127
Santa Barbara	0	0	0	0	0	0	0	0	0	503	0	0	503
Santa Clara	0	0	0	0	0	106	13	0	0	0	0	0	119
Santa Cruz	0	0	0	0	0	124	0	0	0	0	0	0	124
Solano	1	33	0	0	0	0	0	0	0	242	155	502	932
Sonoma	0	0	0	0	0	0	0	0	0	0	37	0	37
Stanislaus	3	577	0	0	0	0	0	0	0	0	0	0	577
Ventura	0	0	0	0	0	0	0	0	0	550	0	0	550
Yolo	4	173	0	0	0	247	88	0	0	129	41	0	678
Total Traps	22	3,661	1	196	0	1,820	1,855	6	696	8,798	765	679	18,470

Detection Trapping Pest Results (Adult LBAM):

Source: CDFR/PHPPS

Date 8/3/2011		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	2535	12	16	31	4	12	14	13	0	0	0	0	0	102	49585
Contra Costa	152	2144	16278	350	2	42	67	97	127	101	30	0	0	0	0	0	466	19390
Fresno	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Los Angeles	1	0	108	637	112	8	9	22	22	33	39	4	0	0	0	0	249	995
Madera	0	0	0	0	0	0	0	0	1								1	1
Marin	77	941	9542	625	0	0	10	0	0	6	0	0	0	0	0	0	16	11201
Monterey	865	5364	18213	8834	122	64	171	382	207	300	421	0	0	0	0	0	1667	34943
Napa	2	16	287	106	32	16	7	8	5	37	16	0	0	0	0	0	121	532
Sacramento	0	0	0	13	2	2	2	3	6	8	9	3	0	0	0	0	35	48
San Benito	0	9	26	40	2	0	0	1	0	0	1	0	0	0	0	0	4	79
San Diego	0	0	0	11	0	0	1	1	0	0	0	0	0	0	0	0	2	13
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	10	2	0	0	0	7	19	13	3	0	0	0	0	44	64
San Luis	1	0	22	13	0	2	2	6	0	2	1	0	0	0	0	0	13	49
San Mateo	98	1921	11599	931	105	104	90	103	208	129	68	0	0	0	0	0	807	15356
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	192	31	23	24	30	11	16	12	0	0	0	0	0	147	901
Santa Cruz	11095	16619	43347	12755	546	107	175	535	292	222	669	0	0	0	0	0	2546	86362
Solano	9	23	176	99	0	0	1	3	13	10	19	0	0	0	0	0	46	353
Sonoma	0	23	159	84	0	0	0	0	0	0	1	0	0	0	0	0	1	267
Stanislaus	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	3	3
Ventura	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Yolo	0	0	8	17	0	0	0	1	3	1	4	0	0	0	0	0	9	34
Program	16812	47013	203990	27921	968	385	590	1196	914	898	1318	10	0	0	0	0	6279	302015

2010 Totals Updated 7/7/2011

* Not all monthly totals have come in- PDR Identification still in progress

Facilities and Program Developments:
RESOURCES MANAGEMENT (revised 8/4/2011)

Staffing:

<u>Organization</u>	<u>Total Positions</u>
CDFA (California Department of Food & Agriculture)	18
USDA (United States Department of Agriculture)	6 + 9 SIT
CASS (Cooperative Agricultural Support Services)	24

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.