

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 (4/7/2011 To 5/4/2011)											
	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	1	0	0	0	0	0
Contra Costa	621	679.6	162	297.6	27.0	56.3	3	5.3	0	0.0	3	5.3	0	0	0	0	0	0
Los Angeles	70	790.3	11	142.0	10.0	118.0	3	41.0	0	0.0	3	41.0	0	0	0	0	0	0
Marin	269	181.5	94	90.1	19.0	28.0	7	5.3	0	0.0	7	5.3	0	0	0	0	0	0
Monterey	2732	13332.6	2045	10736.3	322.0	2047.5	81	514.7	0	0.0	81	514.7	50	5	1	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	7.0	70.0	2	18.0	0	0.0	2	18.0	0	0	0	0	0	0
Sacramento	0	0.0	1	120.0	3.0	20.5	0	0.0	0	0.0	0	0.0	6	0	2	0	0	0
San Benito	191	1907.4	147	873.0	8.0	44.0	2	10.0	0	0.0	2	10.0	3	1	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	0	0	0	0
San Joaquin	8	1475.5	22	645.0	0.0	34.7	2	34.7	0	0.0	2	34.7	0	0	0	0	0	0
San Luis Obispo	246	1408.4	463	1790.9	26.0	201.1	8	27.3	0	0.0	8	27.3	3	0	0	0	0	0
San Mateo	1042	5091.1	290	955.1	66.0	436.9	23	100.1	0	0.0	23	100.1	18	13	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	64.0	1638.4	18	422.5	0	0.0	18	422.5	7	2	0	0	0	0
Santa Cruz	2921	11156.7	1294	7803.7	135.0	1249.5	35	270.8	0	0.0	35	270.8	17	11	0	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
Sonoma	841	1259.2	658	1377.2	27.0	63.7	10	17.0	1	0.3	11	17.3	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	714	6008.5	194	1466.5	1	0.3	195	1466.8	105	32	3	1	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 (4/7/2011 To 5/4/2011)									
	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	0	0.00	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	0	0.00	0	0	0.00	0	0	0	0	0	0	0
Monterey	1230	644	50017.2	1448	587	68205.00	23	12	1632.96	23	4	1584.46	15	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	0
San Benito	26	199	2675.5	57	166	3011.74	0	1	2.00	0	1	2.00	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	1	0.50	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	6	38.19	0	1	6.00	0	0	0	0	0	0	0
Santa Cruz	1547	1427	39127.8	1272	682	30332.30	7	24	535.80	7	2	424.50	0	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	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	30	44	2209.45	30	8	2016.96	15	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	113
Myrica	Myrica	92
Fragaria	Strawberry	66
Rosa	Rose	66
Ceanothus	Ceanothus	70
Vaccinium	Blueberry	48
Pittosporum	Pittosporum	45
Leucadendron	Leucadendron	46
Prunus	Plum, Cherry, Peach, Apricot	38
Rosmarinus officinalis	Rosemary	46
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	10,604	100.00
Non-Target Specimens	3697	34.86
Confirmed "Positive"	6907	65.14

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
	1,687	1,780	335	12263.92	93069.26	147.91
8,123	Total: 3802			Total: 105481.09		

Source: County Ag. Trappers & LBAM Program
Trappers

Report Date 5/5/2011	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	28	0	0	0	8	0	0	0	0	39	0	75
Contra Costa	0	0	0	0	0	0	0	0	0	0	55	0	55
Los Angeles	0	0	0	0	0	202	33	0	0	4,971	0	0	5,206
Marin	0	0	0	0	0	0	0	0	0	0	13	1	14
Monterey	0	0	0	0	0	254	211	2	340	18	0	0	825
Napa	0	0	0	0	0	0	0	0	0	14	11	7	32
Sacramento	4	628	0	0	0	0	0	1	81	0	100	0	810
San Benito	0	0	0	0	0	2	48	0	0	2	6	0	58
San Diego	2	601	0	0	0	700	304	0	0	561	0	0	2,166
San Francisco	0	0	0	0	0	0	0	0	0	0	0	0	0
San Joaquin	2	41	1	196	0	48	42	3	147	551	243	0	1,272
San Luis Obispo	2	635	1	43	68	25	420	0	0	145	55	0	1,392
San Mateo	0	0	0	0	0	156	0	0	0	0	0	0	156
Santa Barbara	0	0	0	0	0	0	0	0	0	414	0	0	414
Santa Clara	0	0	0	0	0	116	13	0	0	0	0	0	129
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	258	155	461	1,007
Sonoma	0	0	0	0	0	0	0	0	0	0	20	0	20
Stanislaus	1	242	0	0	0	0	0	0	0	0	0	0	242
Yolo	4	315	0	0	0	240	0	0	0	0	13	0	568
Total Traps	19	2,623	2	239	68	1,873	1,071	6	568	6,934	710	469	14,555

Detection Trapping Pest Results (Adult LBAM):

Source: CDFA/PHPPS

Date 5/5/2011																		
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	31	4	0	0	0	0	0	0	0	0	14	49516
Contra Costa	152	2144	16278	340	2	34	67	2	0	0	0	0	0	0	0	0	105	18914
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	22	3	0	0	0	0	0	0	0	153	736
Marin	77	941	9542	622	0	0	10	0	0	0	0	0	0	0	0	0	10	11182
Monterey	865	5364	18213	8291	76	27	130	220	0	0	0	0	0	0	0	0	453	32733
Napa	2	16	287	105	32	16	7	8	0	0	0	0	0	0	0	0	63	410
Sacramento	0	0	0	13	2	2	1	3	0	0	0	0	0	0	0	0	8	13
San Benito	0	9	26	46	2	0	0	0	0	0	0	0	0	0	0	0	2	81
San Diego	0	0	0	10	0	0	1	1	0	0	0	0	0	0	0	0	2	10
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	21
San Luis Obispo	1	0	22	10	0	2	2	5	0	0	0	0	0	0	0	0	9	33
San Mateo	98	1921	11599	890	103	90	76	92	0	0	0	0	0	0	0	0	361	14508
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	16	24	0	0	0	0	0	0	0	0	78	739
Santa Cruz	11095	16619	43347	12333	521	89	154	369	0	0	0	0	0	0	0	0	1133	83394
Solano	9	23	176	99	0	0	1	3	0	0	0	0	0	0	0	0	4	307
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	0	0
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	1	2	0	0	0	0	0	0	0	3	24
Program Totals	16812	47013	203990	26895	890	296	505	754	5	0	2400	294710						
* Not all monthly totals have come in- PDR Identification still in progress																		

Facilities and Program Developments:
RESOURCES MANAGEMENT (revised 5/5/2011)

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)	18

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.