

LOS ANGELES COUNTY

AGRICULTURAL COMMISSIONER /
WEIGHTS AND MEASURES DEPARTMENT

CROP AND LIVESTOCK REPORT



1993



COUNTY OF LOS ANGELES

Department of
Agricultural Commissioner
and Weights and Measures

3400 La Madera Avenue
El Monte, California 91732

Cato R. Fiksdal
Chief Deputy

E. Leon Spaugy
Agricultural Commissioner/
Director of Weights and Measures

1993 Crop and Livestock Report

Henry J. Voss, Director
California Department of Food and Agriculture

and

The Honorable Board of Supervisors
County of Los Angeles

It is with pleasure that I submit the 1993 Crop and Livestock Report on the acreage, yield, and gross value of agricultural commodities produced in Los Angeles County.

The overall gross value of agricultural crops and products for 1993 was \$214,010,713, a 6.42% increase from the 1992 total of \$201,087,100.

Nursery Products, the leading gross value commodity category, decreased 2.9% due to the closure of two major nurseries and a slower economy last year. Decreases were also experienced in Cut Flowers (8.2%) and Forest Products (12.7%). However, significant increases were seen in Fruit and Nut Crops (49.12%), Vegetable Crops (22.68%), Field Crops (54.53%), Livestock and Poultry (45.26%), and Apiary, Livestock, and Poultry Products (15.02%), primarily due to increases in production and prices in these categories.

Respectfully submitted,

E. Leon Spaugy
Agricultural Commissioner/
Director of Weights and Measures



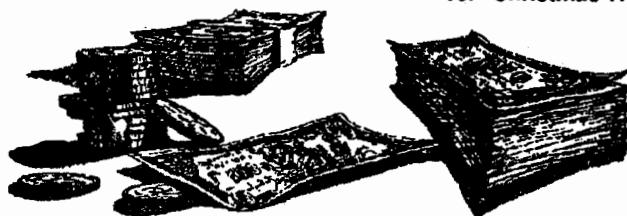
*'It is a comfortable feeling to know that
you stand on your own ground.
Land is about the only thing that can't fly away.'*

Anthony Trollope 1815-1882

This report was possible only through the cooperation of all the nurserymen, growers, governmental and private agencies, and others who provided the information necessary for its production. A special acknowledgement and thank you to staff members Raymond Smith, for the pen-and-ink crop report cover, and to Miguel Angel Gonzalez and Julia Chen, for the report layout and for compiling and computerizing the statistics.

MILLION DOLLAR CROPS

1. Ornamental Trees and Shrubs	\$106,420,280	7. Dairy Cattle	4,349,800
2. Bedding Plants	20,327,140	8. Strawberries	4,256,016
3. Dry Onions	16,278,210	9. Milk	4,022,000
4. Peaches	11,513,211	10. Ground Covers	3,668,484
5. Indoor Plants, Foliage	8,050,781	11. Honey	2,149,850
6. Alfalfa Hay	6,410,297	12. Rangeland	1,711,336
		13. Christmas Trees	1,473,580



SUMMARY

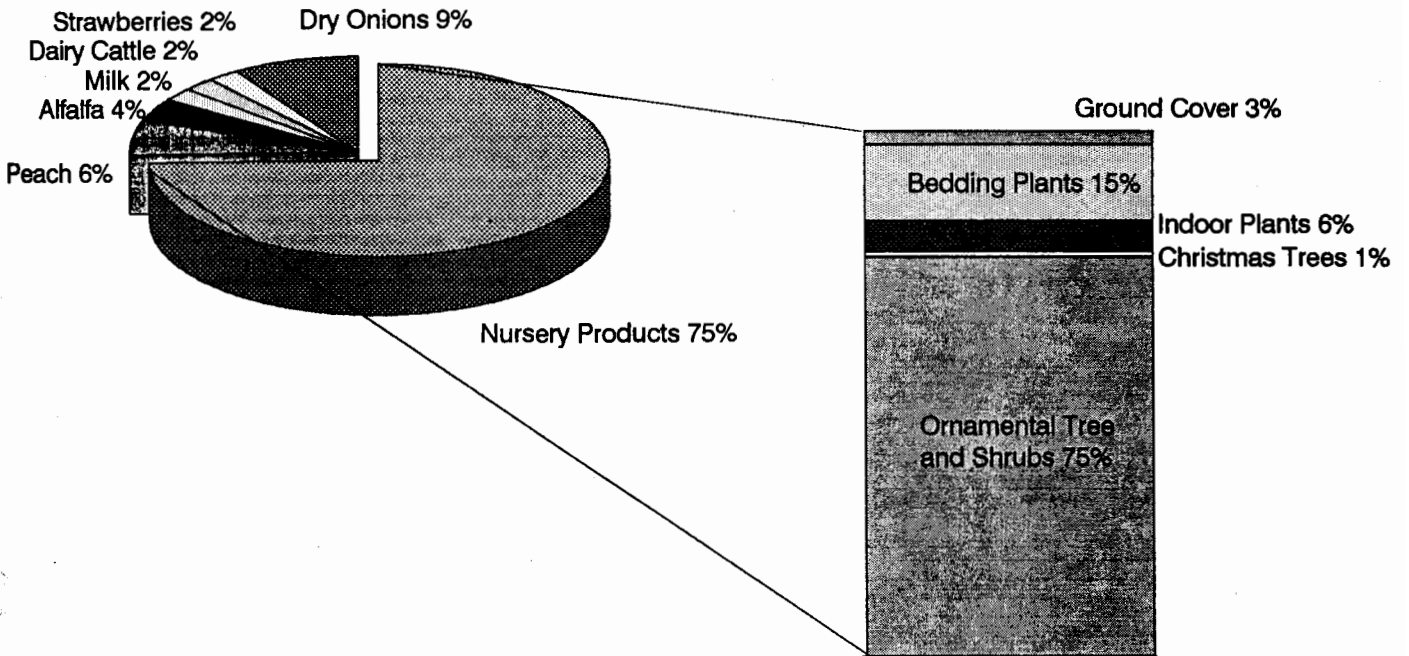
<u>Commodity</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
Fruit & Nuts	\$12,520,000	\$13,550,000	\$20,205,805
Vegetable Crops	23,064,000	16,956,500	20,802,750
Nursery Products	151,591,000 *	149,104,000	144,835,163
Cut Flowers	2,563,000	2,432,000	2,232,417
Field Crops	7,366,000	6,802,600	10,512,096
Livestock and Poultry	6,650,000	4,635,200	6,733,256
Apiary, Livestock, and Poultry Products	8,903,000 +	7,389,400 *	8,499,450
Subtotal	\$212,657,000 *	\$200,869,700	\$213,820,937
Forest Products	210,000	217,400	189,776
Grand Total	\$212,867,000 *+	\$201,087,100	\$214,010,713

* Revised figure

+ Does not include wool total

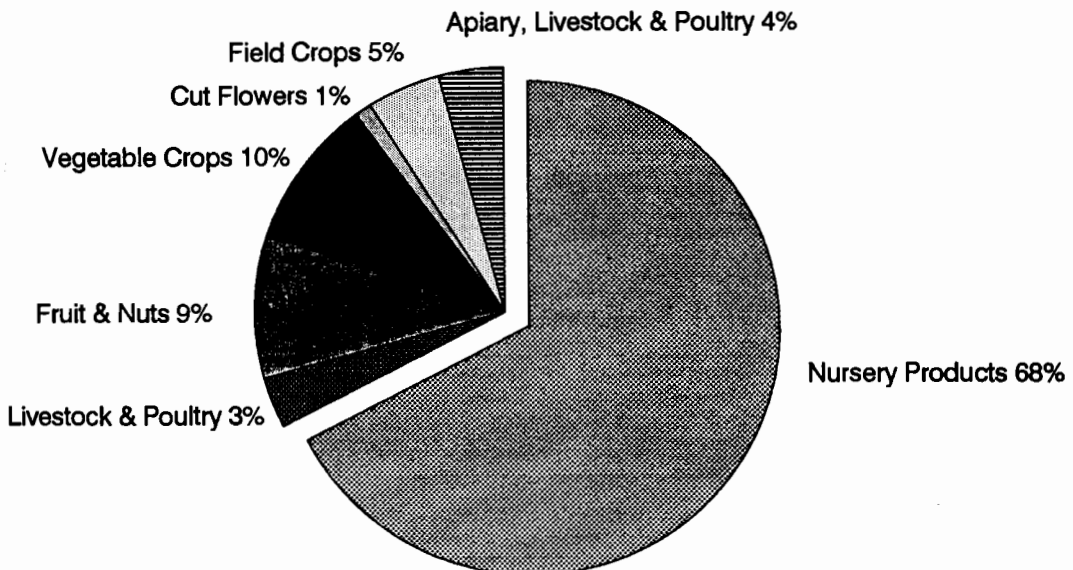
Figures given are gross values. U.S.D.A. payments are not included.

LEADING CROPS RELATIVE GROSS VALUE



CROP VALUE SUMMARY

Total Value \$214,010,713



Fruit and Nut Crops

Crop	Year	Acreage	Production		Unit	Value		
			Per Acre	Total		Per Unit	Total	
Strawberries	1993	335	15.10	5,054	Ton	\$842	\$4,256,016	
	1992	350*	15.00*	5,250	Ton	\$649	\$3,407,000	
Peaches (Freestone)	1993	738	18.88	13,932	Ton	826	11,513,211	
	1992	728	11.90	8,663	Ton	827	7,164,000	
Avocados	1993	240	1.56	378	Ton	938	354,120	
	1992	250	.79	197	Ton	884	174,000	
Cherries	1993	140	1.75	245	Ton	2,000	490,000	
	1992	140	1.00	140	Ton	1,900	266,000	
Miscellaneous	1993	486	Includes citrus, nectarines, and other fruits and nuts.					3,592,458
	1992	408						2,539,000
TOTAL	1993	1,941						\$20,205,805
	1992	1,717						\$13,550,000



* Revised figure

Vegetable Crops

Crop	Year	Acreage	Production		Unit	Value		
			Per Acre	Total		Per Unit	Total	
Dry Onions	1993	1,564	27.4	42,884	Ton	\$380	\$16,278,210	
	1992	1,665	25	41,625	Ton	\$320	\$13,320,000	
Sweet Corn	1993	165	8.20	1,005	Ton	581	583,542	
	1992	285	6.13	1,747	Ton	423	739,000	
Table Greens	1993	265	Includes oriental specialties and leaf lettuce.					1,757,750
	1992	238						673,000
Vine Crops	1993	166	Includes pumpkins, melons and tomatoes.					769,572
	1992	198						406,000
Root Vegetables	1993	16	Includes beets and carrots.					45,408
	1992	7						30,500
Miscellaneous	1993	69	Includes herbs and bean sprouts.					1,368,268
	1992	88						1,788,000
TOTAL	1993	2,245						\$20,802,750
	1992	2,481						\$16,956,500

Nursery Products

Item	Year	House Sq. Ft.	Field Acres	Total
Ornamental Trees and Shrubs	1993	4,296,318	1,850	\$106,420,280
	1992	4,867,000	1,942	\$105,111,000
Bedding Plants	1993	2,008,200	110	20,327,140
	1992	576,000	188	23,636,000
Indoor Plants Follage	1993	1,205,140	6.0	8,050,781
	1992	851,000	16.7	8,744,000
Ground Covers	1993	780,110	35.1	3,868,484
	1992	883,000	35.3	3,920,000
Indoor Plants Flowering	1993	254,265	1	1,365,559
	1992	523,000	0	833,000
Miscellaneous	1993	78,967	246	5,002,919
	1992	206,000	372	6,860,000
Includes vegetable plants, orchids, cacti, and sod				
TOTAL	1993	8,623,000	2,248.1	\$144,835,163
	1992	7,906,000	2,554.0	\$149,104,000

Cut Flowers and Decoratives

Item	Year	House Sq. Ft.	Field Acres	Quantity Sold	Unit	Per Unit	Value Total
Christmas Trees	1993		214	49,823	Tree	\$29.50	\$1,473,580
	1992		228	62,167	Tree	\$25.83	\$1,606,000
Carnations (Standard)	1993		6	794,950	Bloom	.21	166,130
	1992		4	801,000	Bloom	.21	168,000
Chrysanthemums	1993	99,248	3				167,070
	1992	167,000	4.5				160,000
Miscellaneous	1993	33,928	66				425,637
	1992	43,260	78				498,000
Includes <i>Strelitzia</i> , <i>Gypsophila</i> , and all other cut flowers.							
TOTAL	1993	133,176	285.43				\$2,232,417
	1992	210,260	314.50				\$2,432,000



Field Crops

Crop	Year	Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Alfalfa Hay	1993	5,532	8.05	44,518	Ton	\$144	\$6,410,297
	1992	5,222	8.45	44,126	Ton	\$105	\$4,633,000
Grain Hay	1993	1,779	2.51	4,463	Ton	127	565,511
	1992	1,374	1.6	2,198	Ton	90	198,000
Barley	1993	672	2.51	1,685	Ton	101	169,386
	1992	3,402	.43	1,463	Ton	111	162,000
Miscellaneous	1993	1,922 *					1,655,566
	1992	1,306 *					497,000
				Value includes wheat grain, irrigated pasture and grazing privileges on stubble			
Rangeland	1993	230,229					1,711,336
	1992	225,229					1,257,000
TOTAL	1993	9,634 **					\$10,512,096
	1992	12,804 **					\$6,802,600

* Excluding stubble.

** Excluding rangeland.

Forest Products

Item	Year	Production	Unit	Price	Value
Firewood	1993	618	Cord	\$32.00	\$19,776
	1992	576	Cord	\$32.00	\$18,400
Timber	1993				170,000 *
	1992				199,000
				Miscellaneous Products	
TOTAL	1993				\$189,776
	1992				\$217,400

* Figures obtained from State Board of Equalization, Timber Tax System.

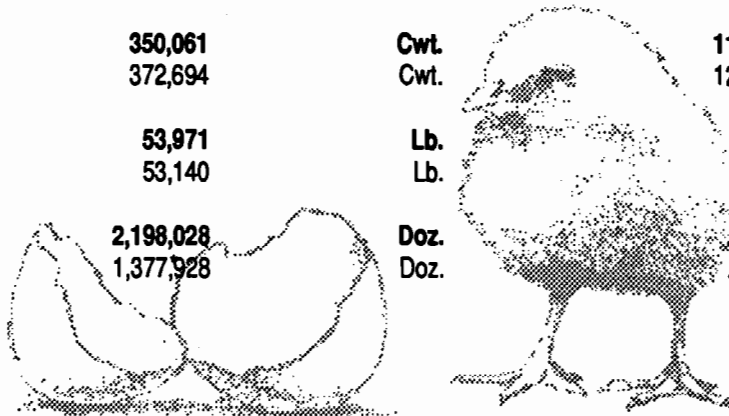
Livestock and Poultry

Species	Year	Production	Total Live Weight	Unit	Value	
					Per Unit	Total
Chickens	1993	981,100	4,905,500	Lb.	.025	\$123,000
	1992	942,000	4,710,000	Lb.	.02	\$94,200
Dairy Cattle	1993	3,346		Head	1,300	4,349,800
	1992	2,193		Head	1,290	2,829,000
Includes feeder calves & cull cows						
Beef Cattle	1993	3,321	23,247	Cwt.	64.60	1,502,000
	1992	2,166	15,162	Cwt.	59.10	896,000
Includes calves & heifers						
Hogs	1993	4,038	6,057	Cwt.	50.10	303,456
	1992	4,826	7,239	Cwt.	47.10	341,000
Sheep	1993	4,285	6,368	Cwt.	27.30	174,000
	1992	4,827	7,241	Cwt.	22.50	163,000
Miscellaneous	1993					281,000
	1992					312,000
Includes ducks, rabbits, and goats						
Total	1993					\$6,733,256
	1992					\$4,635,200

Apiary, Livestock, and Poultry Products

Item	Year	Production	Unit	Per Unit	Value	
					Per Unit	Total
Honey	1993	5,657,500	Lb.	.38		\$2,149,850
	1992	2,855,000	Lb.	.47		\$1,342,000
Pollination	1993	32,000	Hive	35.50		1,136,000
	1992	24,500	Hive	31.75		778,000
Beewas	1993	14,000	Lb.	1.20		16,800
	1992	12,500	Lb.	1.25		15,600
Milk	1993	350,061	Cwt.	11.49		4,022,000
	1992	372,694	Cwt.	12.26		4,569,000
Wool	1993	53,971	Lb.	.42		22,800
	1992	53,140	Lb.	.73		38,800
Eggs	1993	2,198,028	Doz.	.524		1,152,000
	1992	1,377,928	Doz.	.469		646,000*
Total	1993					\$8,499,450
	1992					\$7,389,400*

* Revised Figure



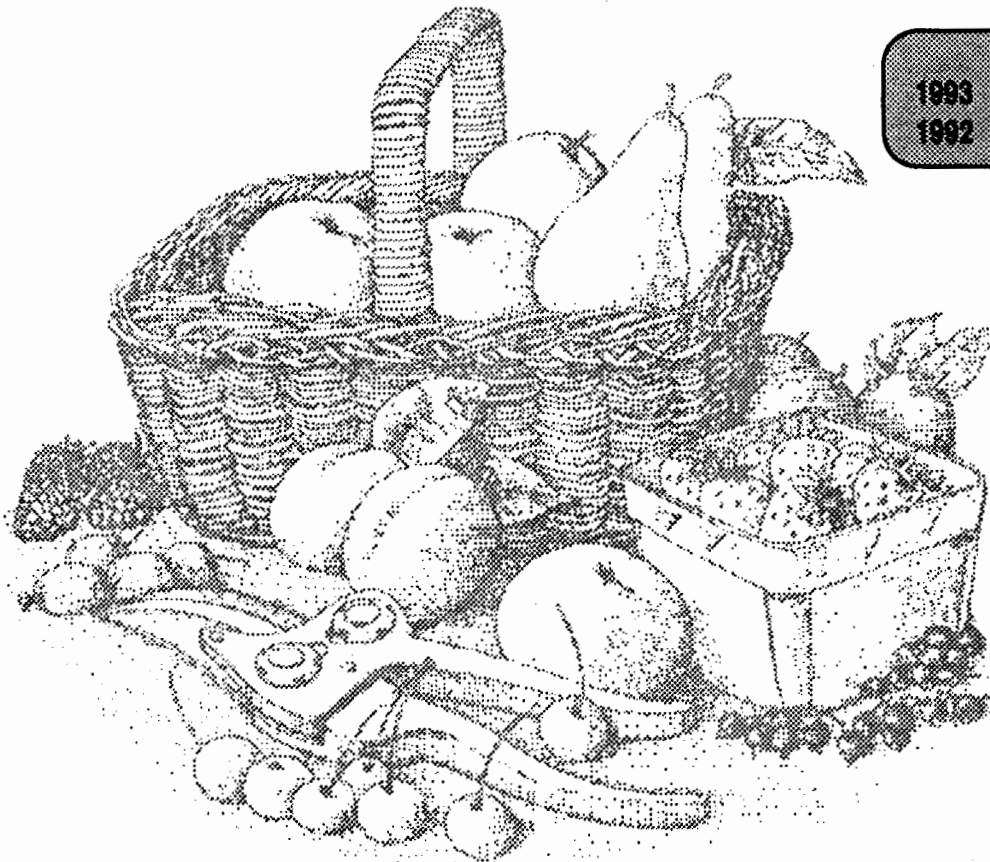
County of Los Angeles

Sustainable Agriculture Reporting

Organic Farming Statistics 1993

Crop	Estimated Acres		Crop	Estimated Acres	
	1992	1993		1992	1993
Apples	6	6	Nectarines	5	5
Avocado	-	4	Asian Pears	5	7
Peaches	9	9	Pears	5	5
Herbs (including sprouts)	51	48	Vegetables (including oriental & lettuce)	23	25
Cherries	19	19	Misc. Trees	14	15

	Farms	Acres
1993	20	143
1992	10	137



Pest Detection Activities

Pest	Number of Traps		Scope of Programs
	Pest Detection	Pest Eradication	
Mediterranean Fruit Fly	7,576	47,340	311 Detections
Mexican Fruit Fly	4,920	1,060	20 Detections
Oriental Fruit Fly	4,941	250	38 Detections
Melon Fruit Fly	4,941	0	0 Detections
Guava Fruit Fly	4,941	50	2 Detections
Gypsy Moth/Asian Gypsy Moth	3,546	100	2 Detection
Japanese Beetle	3,618	674	1 Detections (LAX)
European Corn Borer	17	0	0 Detections
European Pine Shoot Moth	32	0	0 Detections
Khapra Beetle	478	0	0 Detections
TOTAL	35,010	49,474	374 Detections

Pest Eradication Activities

Pest	Method	Scope of Program
Mediterranean Fruit Fly	Steriles Released Reg./Soil/Bait Treatments Exclusion - Quarantine	16,819.83 Million Released 6,519 Properties 915 Sq. Miles/ 244,870 Lbs. Fruit Seized
Oriental Fruit Fly	Male Annihilation Treatments	1 Treatment Area
Mexican Fruit Fly	Steriles Released Bait Treatments Exclusion - Quarantine	237 Million Released/ 630 Properties Treated 63 Sq. Miles
Alligatorweed	Gross Area Inspected Herbicide Treatment (Net Area)	1,417 Acres .46 Acres Treated
Halogeton	Mechanical Control	0 Sq. Ft. Treated

Biological Control Activities

Pest	Agent/Mechanism	Scope of Programs
Mediterranean Fruit Fly	(Steriles)	16,819.83 Million Sterile Fruit Flies Released
Mexican Fruit Fly	(Steriles)	237 Million Sterile Fruit Flies Released

Pest Exclusion Activities

Pest Exclusion Violations Issued

Number of Violations Issued

Pest Exclusion Violations Issued	Number of Violations Issued
Citrus Pests	105
Caribbean Fruit Fly	99
Cherry Fruit Fly	2
Sweet Potato Weevil	14
Peach Yellow/Red Suture	1
Nut Tree Pests	1
Ozonium Root Rot	48
European Corn Borer	15
Plum Curculio/Apple, Blueberry Maggot	65
Burrowing Nematode	28
Corn/Sugarcane Borer	3
Walnut/Pecan Pests	2
Cedar Apple Rust	4
European Pine Shoot Moth	1
Peach Rosette Disease	2
Cereal Leaf Beetle	4
West Indian Sugarcane Root Borer	3
Japanese Beetle	15
Hydrilla	4
Soybean Cyst Nematode	16
Citrus Canker	18
Imported Fire Ant	3
Infested/Presume Infested	429
Markings	142
Chestnut Bark/Oak Wilt Disease	2
Failure to Hold Plant Material For Inspection	3
Foreign Fruits and Vegetables	5
Fruits and Vegetables From Hawaii	2
Total	1,036

Pest Exclusion Activities

<u>Pest Intercepted</u> Common Name/ <i>Genus Species</i>	<u>Material</u>	<u>Source*</u>	<u>Scope of Program</u> <u>Pest Interceptions</u>
Bean weevil <u>Acanthoscelides</u> sp.	Tillandsia	QUA	1
Albopicta scale <u>Acutaspis albopicta</u>	Palm	QUA	1
Chinese Rose Beetle <u>Adoretus sinicus</u>	Basil	QUA	1
Spiraling whitefly <u>Aleurodicus dispersus</u>	Herbs, Ti	QUA	18
Lantana whitefly <u>Aleuropleurocelus</u> nr <u>oblanceolatus</u>	Lantana	NSY	1
Woolly whitefly <u>Aleurothrixus floccosus</u>	Citrus	PUBLIC, NSY	17
Mexican leafroller <u>Amorbia emigratella</u>	Ginger	QUA	2
Mexican fruit fly <u>Anastrepha ludens</u>	Misc. fruits	FF SURVEY	15
Q-rated ant <u>Anoplolepis longipes</u>	Cut flowers, Ginger	QUA	19
California red scale <u>Aonidiella auranti</u>	Citrus, palm	QUA, PUBLIC	2
Coffee bean weevil <u>Araecerus fasciculatus</u>	Basil	QUA	2
Coconut scale <u>Aspidiotus destructor</u>	Palms	QUA	7
Slant-faced grasshopper <u>Atractomorpha ambigua</u>	Basil	QUA	1
Guava fruit fly <u>Bactrocera correcta</u>	Avocado	FF SURVEY	2

Pest Exclusion Activities

<u>Pest Intercepted</u> Common Name/ <u>Genus Species</u>	<u>Material</u>	<u>Source*</u>	<u>Scope of Program</u> <u>Pest Interceptions</u>
Oriental fruit fly <u>Bactrocera dorsalis</u>	Misc. fruits	QUA, FF SURVEY	44
B-rated snail <u>Bradybaena similaris</u>	Palms, ficus, winged beans	QUA	22
Florida carpenter ant <u>Camponotus abdominalis</u>	Teddy bears, ginger	QUA	2
Medfly <u>Ceratitis capitata</u>	Misc. fruits	FF SURVEY	212
Florida red scale <u>Ceroplastes floridensis</u>	Ginger, phoenix	QUA	3
Red wax scale <u>Ceroplastes rubens</u>	Neanthe bella	QUA, NSY	2
Tortoise beetle <u>Chelymopha cribraria</u>	Herbs	QUA	1
Green garden looper <u>Chrysodeixus eriosoma</u>	Basil	QUA	7
Black stink bug <u>Coptosoma xanthogramma</u>	Ginger	QUA	1
Formosan termite <u>Coptotermes formosanus</u>	Ginger	QUA	1
Privet thrips <u>Dendrothrips ornatus</u>	Lilac	QUA	1
Cloudy winged whitefly <u>Dialeurodes citrifolii</u>	Citrus	NSY	1
Q-rated leafhopper <u>Empoasca solana</u>	Herbs	QUA	1
Giant mealybug <u>Ferrisia virgata</u> or nr	Ginger	QUA	1

Pest Exclusion Activities

<u>Pest Intercepted</u> Common Name/ <u>Genus Species</u>	<u>Material</u>	<u>Source*</u>	<u>Scope of Program</u> <u>Pest Interceptions</u>
Coffee root mealybug <u>Geococcus coffeae</u>	Kentia palm	QUA	1
Mirid bug <u>Halticus chrysolepis</u> or nr	Basil	QUA	2
Tropical palm scale <u>Hemiberlesia palmae</u>	Aechmea	QUA	1
Mining scale <u>Howardia biclavis</u>	<u>Ficus benjamina</u>	QUA	3
Glassy scale <u>Inglisia vitrea</u>	Ginger	QUA	1
Acuminate scale <u>Kilifia acuminata</u>	Philodendron	QUA	1
B-rated snail <u>Lamellaxis</u> sp.	Phoenix	QUA	2
Gypsy moth <u>Lymantria dispar</u>	Ornamental tree, bird bath	QUA, GM SURVEY	3
Borrower bug <u>Microporus</u> sp.	Ginger	QUA	1
Tahitian coconut weevil <u>Myocalandra taitensis</u>	Herbs	QUA	1
Southern green stink bug <u>Nezara viridula</u>	Basil, herbs	QUA	4
Lygaeid bug <u>Nysius</u> sp.	Cut flowers	QUA	1
B-rated snail <u>Opeas</u> sp.	Phoenix	QUA	6
Orchid weevil <u>Orchidophilus alterrinus</u>	Bamboo	QUA	1

Pest Exclusion Activities

<u>Pest Intercepted</u> Common Name/ <i>Genus Species</i>	<u>Material</u>	<u>Source*</u>	<u>Scope of Program</u> <u>Pest Interceptions</u>
Weevil <u><i>Oxydema</i> sp.</u>	Cut flowers	QUA	1
Nesting whitefly <u><i>Paraleyrodes minei</i></u>	Plumeria, Citrus	NSY, PUBLIC	3
Lygaeid bug <u><i>Paromius longulus</i></u>	Spanish moss	QUA	1
Big headed ant <u><i>Pheidole megacephala</i></u>	Cut flowers, Basil	QUA	46
Chafer <u><i>Phyllophaga</i> sp.</u>	<u><i>Sarracenia</i> sp.</u>	QUA	2
Boxwood scale <u><i>Pinnaspis buxi</i></u>	Cut flowers	QUA	3
Lesser snow scale <u><i>Pinnaspis strachani</i></u>	Areca palm, ginger	QUA	12
Uniloba scale <u><i>Pinnaspis uniloba</i></u>	Alyxia	QUA	1
Japanese beetle <u><i>Popillia japonica</i></u>	Ivy	JB SURVEY	2
Pyriform scale <u><i>Protopulvinaria pyriformis</i></u>	Tropical vine	NSY	3
Magnolia white scale <u><i>Pseudaulacaspis cockerelli</i></u>	Cycas	QUA, NSY	60
Trilobe scale <u><i>Pseudaonidia trilobitiformis</i></u>	Ficus	QUA	3
Green shield scale <u><i>Pulvinaria psidii</i></u>	Gardenia, ficus	QUA, NSY	12
Soil mealybug <u><i>Rhizoecus hibisci</i></u>	Palms	QUA	8

Pest Exclusion Activities

<u>Pest Intercepted</u> Common Name/ <u>Genus Species</u>	<u>Material</u>	<u>Source*</u>	<u>Scope of Program</u> <u>Pest Interceptions</u>
Burrowing bug <u>Rhytidiporus indentatus</u>	Phoenix	QUA	1
False powder post beetle <u>Synoxylon conigerum</u>	Wood	PUBLIC	1
Torpedo bug egg mass <u>Siphanta acuta</u>	Protea	QUA, PUBLIC	2
Red imported fire ant <u>Solenopsis invicta</u>	Nursery stock, frozen chickens	QUA	9
Q-rated leafhopper <u>Sophonia rufofascia</u>	Ti, cut flowers	QUA	15
Cut worm <u>Spodoptera latifascia</u>	Ravenea	QUA	1
Lace bug <u>Stephanitis sp.</u>	Unknown	QUA	1
Long-horned beetle <u>Sybra alternans</u>	Herbs	QUA	6
Black headed ant <u>Tapinoma melanocephalum</u>	Cut flowers, kitchen	QUA, PUBLIC	7
White footed ant <u>Technomyrmex albipes</u>	Cut flowers	QUA	41
Stink bug <u>Thyanta custator</u>	Basil	QUA	1
Slug <u>Veronicella sp.</u>	Taro	QUA	7
Camaenid snail <u>Zachrysia provisoria</u>	Cycas, phoenix	QUA	6
Total			715

* Source: P. O. - Post Office
LAX - Los Angeles International Airport

FX - Federal Express
NSY - Nursery

QUA - Quarantine

***Los Angeles County Agricultural Commissioner/
Weights & Measures Department
3400 La Madera Avenue
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