

2012

Los Angeles County Crop and Livestock Report

Table of Contents

Letter to the Secretary	1
Introduction	2
Million Dollar Commodities	3
Summary	4
Nursery Products	5
Flowers & Foliage	6
Fruit & Nut Crops	7
Vegetable Crops	8
Field Crops	9
Dairy & Livestock	9
Apiary	10
Forest Products	10
Sustainable Agriculture Reporting	11
Pest Detection Activities	12
Pest Eradication Activities	12
Biological Control Activities	12
Pest Exclusion Activities	13

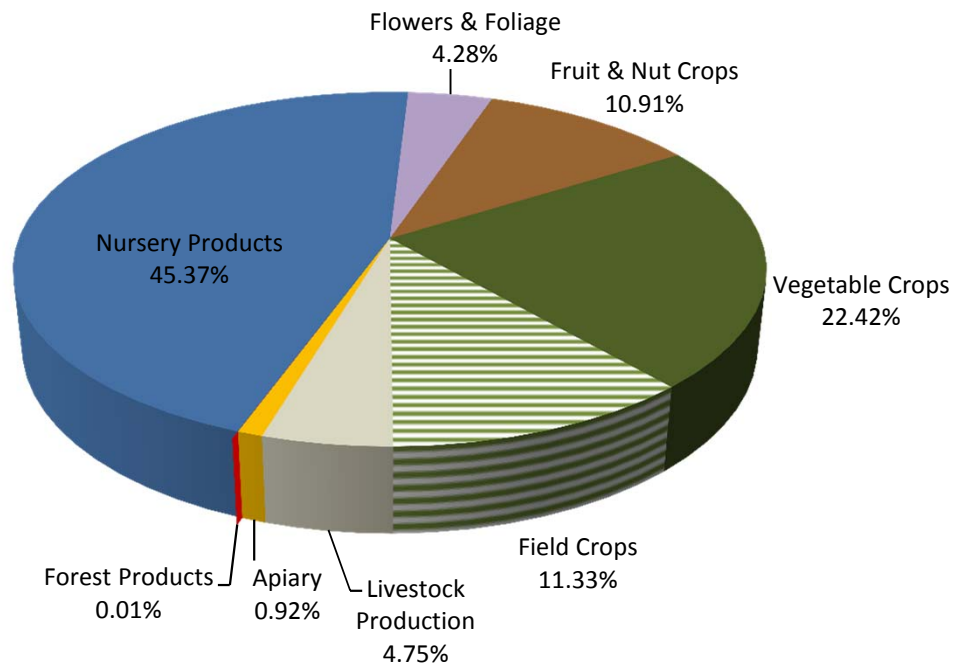
MILLION DOLLAR COMMODITIES

1.	Woody Ornamentals	43,183,530
2.	Root Vegetables	35,503,190
3.	Bedding Plants	24,941,800
4.	Orchard Fruits	17,889,980
5.	Alfalfa Hay	16,904,300
6.	Turf	9,098,930
7.	Dairy & Livestock	9,017,840
8.	Indoor Plants, Foliage	2,606,280
9.	Indoor Plants, Flowering	2,449,550
10.	Grain Hay	2,041,650
11.	Grapes	1,672,050
12.	Vegetable Plants	1,597,220
13.	Honey	1,149,090

SUMMARY

Commodity	2012	2011	2010
Nursery Products	\$86,155,010	\$96,635,150	\$96,210,000
Flowers & Foliage	\$8,135,730	\$7,774,900	\$7,681,000
Fruit & Nut Crops	\$20,725,540	\$2,999,260	\$17,201,000
Vegetable Crops	\$42,564,710	\$31,956,680	\$32,599,000
Field Crops	\$21,519,580	\$22,575,260	\$12,679,000
Livestock Production	\$9,017,840	\$8,978,030	\$6,910,000
Apiary	\$1,748,890	\$2,167,600	\$744,000
Forest Products	\$16,215	\$19,170	\$12,000
TOTAL	\$189,883,515	\$173,106,050	\$174,036,000

Year 2012 Crop Value Summary



NURSERY PRODUCTS

Item	Year	Green House Square Feet	Field Acres	Total Value	
Woody Ornamentals	2012	3,013,100	846	\$43,183,530	▼
	2011	6,680,000	854	48,639,220	
Bedding Plants	2012	912,000	78	\$24,941,800	▼
	2011	1,194,000	92	28,809,550	
Turf	2012	0	712	\$9,098,930	▼
	2011	0	812	9,400,000	
Vegetable Plants	2012	45,500	8.6	1,597,220	▲
	2011	29,000	4.6	951,500	
Bonsai	2012	109,900	7.7	\$768,900	▼
	2011	132,000	4.5	819,200	
Ground Covers	2012	88,000	6.8	\$410,470	▼
	2011	113,000	12	633,420	
Miscellaneous*	2012	467,600	61	\$6,154,160	▼
	2011	323,000	87	7,382,260	
TOTAL	2012	4,636,100	1,720	\$86,155,010	▼
	2011	8,471,000	1,866	\$96,635,150	

*Include perennials, Christmas trees, dragon fruits, lucky bamboo, fruit trees, citrus trees, plumerias, cycads, and other misc. nursery plants.

FLOWERS & FOLIAGE

Item	Year	Green House Square Feet	Field Acres	Total Value	
Indoor Plants, Flowering	2012	645,000	0.3	\$2,449,550	▼
	2011	541,000	1.0	3,139,370	
Indoor Plants, Foliage	2012	196,000	2.3	\$2,606,280	▲
	2011	295,000	2.2	2,079,260	
Miscellaneous *	2012	69,310	78	\$3,079,900	▲
	2011	102,500	76	2,556,270	
TOTAL	2012	910,310	81	\$8,135,730	▲
	2011	938,500	79	\$7,774,900	

*Include orchids, lilacs, cut roses, sunflowers, poppies, delphiniums, pom poms, mums, peach blossoms, poppies, chrysanthemums, cacti, succulents, and other miscellaneous flowers.

FRUIT & NUT CROPS

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value	
Grapes	2012	432	1.4	591	Ton	\$2,830	\$1,672,050	▲
	2011	419	1.5	642	Ton	\$1,799	1,154,030	
Strawberries	2012	17	23.2	383	Ton	\$1,498	\$573,790	▲
	2011	16	14.5	232	Ton	\$1,999	463,910	
Orchard Fruits	2012	488	Include apples, cherries, peaches, pears, plums, apricots, nectarines, persimmons, pomegranates, oranges, mandarins citrus, and grapefruits.				\$17,889,980	▲
	2011	747					1,074,810	
Miscellaneous	2012	104	Include avocados, figs, pistachios, olives, berries, guavas, cherimoya, prickly pears, and other miscellaneous fruit and nut crops.				\$589,720	▲
	2011	119					306,510	
TOTAL	2012	1,041					\$20,725,540	▲
	2011	1,301					2,999,260	

VEGETABLE CROPS

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value	
Corn	2012	137	5.0	668	Ton	\$584	\$390,220	▼
	2011	248	29.8	1,214		\$494	599,560	
Tomatoes*	2012	35	13.0	455	Ton	\$1,084	\$493,440	▲
	2011	32	76.0	330		\$1,241	\$409,690	
Root Vegetables	2012	3,412	Include dry onions, garlic, carrots, potatoes, radishes, beets, turnips, and other root vegetables.				\$35,503,190	▲
	2011	3,358					27,051,510	
Vine Crops	2012	83	Include cucumbers, green beans, melons, pumpkins, squash, zucchinis, watermelons, and cantaloupes.				\$542,850	▼
	2011	84					618,570	
Table Greens	2012	23	Include spinach, kale, oriental specialities, alfalfa sprouts, and lettuces.				\$570,610	▼
	2011	20					726,120	
Herbs & Spices	2012	24	Include cilantro, parsley, chives, mint, thyme, fennel, and other herbs & spices.				\$604,490	▲
	2011	11					348,440	
Miscellaneous	2012	346	Include bell peppers, chili peppers, cacti, celery, chard, mustard greens, collard greens, leeks, kohlrabi, cabbages, green onions, okra, broccoli, cauliflower, eggplant, and other misc. vegetables.				\$4,459,910	▲
	2011	172					2,202,790	
TOTAL	2012	4,060					\$42,564,710	▲
	2011	3,925					31,956,680	

FIELD CROPS

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value
Alfalfa Hay	2012	7,109	8.5	60,425	Ton	\$280	\$16,904,300 ▼
	2011	6,250	6.4	52,458		\$341	17,835,720
Grain Hay	2012	3,163	3.0	9,354	Ton	\$218	\$2,041,650 ▼
	2011	3,710	3.0	11,225		\$227	2,545,450
Rangeland	2012	4,650					\$142,310 ▲
	2011	4,600					114,810
Miscellaneous*	2012	4,321	Include irrigated pasture, barley, wheat, sudan hay, oat hay, corn grain and silage, and grazing privileges on stubble.				\$2,431,320 ▲
	2011	4,980					2,079,280
TOTAL	2012	14,593	**				\$21,519,580 ▼
	2011	14,940	**				22,575,260

* Acreage excludes stubble.

** Excluding rangeland and stubble.

DAIRY & LIVESTOCK

Item	Year	Total Value
2012	2012	Includes dairy cattle, beef cattle, hogs, goats, chickens, milk, goat milk, eggs, etc.
2011		
		\$9,017,840
		8,978,030

APIARY

Item	Year	Production	Unit	Value Per Unit	Total Value	
Honey	2012	574,544	Lb.	\$2.00	\$1,149,090	▼
	2011	610,319		\$2.00	\$1,222,910	
Beeswax	2012	6,127	Lb.	\$3.00	\$18,380	▲
	2011	4,205		\$1.67	\$7,390	
Miscellaneous	2012	Include pollination fees, etc.			\$581,420	▼
	2011				\$937,300	
TOTAL	2012				\$1,748,890	▼
	2011				2,167,600	

FOREST PRODUCTS

Item	Year	Total Value	
Firewood *	2012	\$16,215	▼
	2011	19,170	

* Figures obtained from USDA Forest Service, Angeles National Forest.

SUSTAINABLE AGRICULTURE REPORTING

Organic Farming Statistics

<u>Crops</u>	<u>Estimated Acres</u>	
	<u>2012</u>	<u>2011</u>
Apples		0.50
Apricots	4.00	6.50
Avocados	19.60	25.75
Cactus Pears	2.01	3.00
Cherimoyas	1.00	1.05
Cherries	5.00	5.00
Oranges		18.00
Lemons/Limes	3.00	14.30
Grapes		0.20
Peaches	28.25	47.01
Pears		0.02
Persimmons	1.00	2.00
Pomegranates		1.13
Other Fruits	0.27	0.52
Herbs (including sprouts)	0.46	
Vegetables	3.10	8.79

<u>Year</u>	<u>Farms</u>	<u>Acres</u>
2012	20	67.69
2011	28	133.77

PEST DETECTION ACTIVITIES

Pest	Number of Traps Pest Detection	Specimens Trapped
Mexican Fruit Fly (Mc Phail Traps)	5,004	1
Mediterranean Fruit Fly (Jackson Traps)	5,031	0
Melon Fly (Jackson Traps)	5,023	0
Oriental Fruit Fly (Jackson Traps)	5,023	15
Gypsy Moth	2,159	0
Japanese Beetle	3,080	0
TOTAL	25,320	16

PEST ERADICATION ACTIVITIES

Pest	Method	Scope of Program
Oriental Fruit Fly	Male Attractant Technique	1 treatment area
Mediterranean Fruit Fly	Continued preventative program: sterile Medfly release countywide	Approximately 7.9 billion sterile flies released

BIOLOGICAL CONTROL ACTIVITIES

Pest	Agent/Mechanism	Scope of Program
Mediterranean Fruit Fly	Sterile Release	7.9 billion sterile Medflies released

PEST EXCLUSION ACTIVITIES

Pest Exclusion Violations	Number of Violations Issued
Markings (FAC)	244
Infested/Presumed Infested	190
Japanese Beetle	18
Plum Curculio and Blueberry Maggot	18
Burrowing and Reniform Nematodes	13
Failure to Hold for Inspection	10
Caribbean Fruit Fly	8
Citrus Pests	7
Markings (DFG)	5
Gypsy Moth	5
Phytophthora ramorum	5
Federal Domestic Quarantine - Fruit Flies	5
Cherry Fruit Fly	4
Failure to Hold Under Warning Notice	4
Chestnut Bark and Oak Wilt Disease	3
Federal Quarantine Order (Sweet Orange Scab)	3
Federal Hawaiian Quarantine	3
Nursery Stock Certificate or Inspection	3
European Corn Borer	2
Colorado Potato Beetle	2
Hydrilla	2
Cereal Leaf Beetle	2
Sweet Potato Beetle	2
Peach Mosaic Disease	1
Cornstalk and Sugar Cane Borers	1
Cedar-Apple Rust	1
Golden Nematode	1
Imported Fire Ant	1
Ozonium Root Rot	1
Pine Shoot Beetle	1
Citrus Canker	1
TOTAL	<u>566</u>

PEST EXCLUSION ACTIVITIES

PEST INTERCEPTED <i>Latin Name (Common Name)</i>	MATERIAL	SOURCE*	# of INTERCEPTIONS
<u>Entomology Laboratory</u>			
<i>Adoretus sinicus</i> (Chinese rose beetle)	Basil	Quar	1
<i>Agallia sp.</i> (Leafhopper)	Cut foliage / Basil	Quar	9
<i>Aleurodicus dispersus</i> (Spiraling whitefly)	Betel	Quar	2
<i>Anoplolepis gracilipes</i> (Long-legged ant)	Cut foliage	Quar	3
<i>Aonidiella aurantii</i> (California red scale)	Nursery plants	Nurs	1
<i>Aphis sp.</i> (Aphid)	Protea	Quar	1
<i>Araecerus coffeae</i> (Coffee bean weevil)	Cut foliage	Quar	2
<i>Aspidiotus destructor</i> (Coconut scale)	Cut foliage	Quar	1
<i>Atractomorpha sinensis</i> (Slant-faced grasshopper)	Basil	Quar	2
<i>Aulacaspis yasumatsui</i> (Cycad aulacaspis scale)	Cycad	Quar	2
<i>Batocera sp.</i> (Longhorned beetle)	Wooden pallets	Pub	1
<i>Bradybaena similaris</i> (Snail)	Cut foliage	Quar	4
<i>Camponotus sp.</i> (Carpenter ant)	Longan / Wooden pallets	Quar	4
<i>Ceroplastes sp.</i> (Wax scale)	Betel	Quar	2
<i>Ceroplastes stellifer</i> (Stellate scale)	Cut foliage	Quar	1
<i>Chrysodeixis eriosoma</i> (Green garden looper)	Cut foliage / Basil	Quar	2
<i>Coccus sp.</i> (Soft scale)	Cut foliage / Betel	Quar	5
<i>Cylas formicarius</i> (Sweet potato weevil)	Sweet potato	Quar	1
<i>Delottococcus confusus</i> (Mealybug)	Cut flowers	Quar	1
<i>Diaphorina citri</i> (Asian citrus psyllid)	Citrus	Nurs	1
<i>Dismicoccus neobrevipes</i> (Mealybug)	Rambutan	Quar	1
<i>Dismicoccus grassii</i> (Mealybug)	Rambutan	Quar	2
<i>Dismicoccus sp.</i> (Mealybug)	Ficus	Quar	1
<i>Eleutherodactylus coqui</i> (Coqui frog)	Dracaena	Quar	7
<i>Empoasca sp.</i> (Leafhopper)	Malongai	Quar	5
<i>Eumerus figurans</i> (Ginger maggot)	Ginger roots	Quar	2
<i>Euwallacea sp.</i> (Polyphagous shot hole borer)	Avocado	Pub	2

PEST EXCLUSION ACTIVITIES

PEST INTERCEPTED <i>Latin Name (Common Name)</i>	MATERIAL	SOURCE*	# of INTERCEPTIONS
<u>Entomology Laboratory</u>			
<i>Geococcus coffeae</i> (Coffee root mealybug)	Palm	Quar	3
<i>Gyponana germari</i> (Leafhopper)	Cut foliage	Quar	17
<i>Haplothrips sp.</i> (Thrips)	Betel	Quar	1
<i>Homalodisca vitripennis</i> (adults) (Glassy-winged sharpshooter)	Nursery plants	Nurs	2279
<i>Homalodisca vitripennis</i> (eggs) (Glassy-winged sharpshooter)	Nursery plants	Nurs	6
<i>Hormocerus reticulatus</i> (Brentid beetle)	Wooden pallets	Pub	1
<i>Hypogeococcus pungens</i> (Mealybug)	Cactus	Pub	1
<i>Kallitaxila granulata</i> (Planthopper)	Cut foliage	Quar	29
<i>Lepidosaphes beckii</i> (Purple scale)	Grapefruit	Quar	1
<i>Lissachatina fulica</i> (Giant African snail)	Taro	Quar	1
<i>Malacosoma americanum</i> (Eastern tent caterpillar)	Crabapple	Quar	1
<i>Meghimatium bilineatum</i> (Slug)	Ti / Dracaena	Quar	3
<i>Mussida nigrivenella</i> (Pyralid moth)	Tamarind	Quar	1
<i>Nipaecoccus sp.</i> (Coconut mealybug)	Palm	Quar/ Nurs	12
<i>Nysius sp.</i> (Lygaeid bug)	Cut foliage	Quar	7
<i>Ochetellus glaber</i> (Ant)	Pineapple / Cut flowers	Quar	4
<i>Ophelimus sp.</i> (Eulophid wasp)	Eucalyptus	Pub	1
<i>Orchidophilus sp.</i> (Weevil)	Orchids	Quar	4
<i>Paracoccus sp.</i> (Mealybug)	Agave	Nurs	5
<i>Pheidole megacephala</i> (Big headed ant)	Cut foliage	Quar	11
<i>Phenacoccus sp.</i> (Mealybug)	Rambutan	Quar	1
<i>Pinnaspis buxi</i> (Boxwood scale)	Cut foliage	Quar	3
<i>Pinnaspis strachani</i> (Lesser snow scale)	Cut foliage	Quar	2
<i>Protopulvinaria pyriformis</i> (Pyriform scale)	Nursery plants	Nurs	2
<i>Pseudaulacaspis cockerelli</i> (Magnolia white scale)	Cut foliage/Palms	Quar/Nurs	5

PEST EXCLUSION ACTIVITIES

PEST INTERCEPTED <i>Latin Name (Common Name)</i>	MATERIAL	SOURCE*	# of INTERCEPTIONS
<u>Entomology Laboratory</u>			
<i>Pseudococcus cryptus</i> (Mealybug)	Ginger	Quar	1
<i>Pseudococcus jackbeardsleyi</i> (Mealybug)	Basil	Quar	2
<i>Pseudococcus sp.</i> (Mealybug)	Agave	Nurs	4
<i>Pulvinaria psidii</i> (Green shield scale)	Rambutan/Nursery plants	Quar/Nurs	4
<i>Pulvinaria urbicola</i> (Soft scale)	Rambutan	Quar	1
<i>Singhiella simplex</i> (Ficus whitefly)	Ficus	Pub	4
<i>Solenopsis geminata</i> (Tropical fire ant)	Cut foliage	Quar	2
<i>Sybra alternans</i> (Long horned beetle)	Cut foliage	Quar	1
<i>Sinoxylon anale</i> (False powderpost beetle)	Wooden pallets	Quar	1
<i>Tarophagus colocasiae</i> (Taro planthopper)	Taro	Quar	21
<i>Technomyrmex albipes</i> (White footed ant)	Cut foliage	Quar	31
<i>Trigonidomorpha sjostedti</i> (Cricket)	Ginger root	Quar	3
<i>Veronicella sp.</i> (Slug)	Cut foliage	Quar	1
<i>Wasmannia auropunctata</i> (Little fire ant)	Ginger	Quar	3
<i>Zachrysia provisoria</i> (Snail)	Zamioculcas	Quar	1
TOTAL			2,547

Source*: Nurs: Nursery Quar: Quarantine Pub: Public

PEST EXCLUSION ACTIVITIES

PEST INTERCEPTED <i>Latin Name (Common Name)</i>	<u>MATERIAL</u>	<u>SOURCE*</u>	<u># of INTERCEPTIONS</u>
<u>Plant Pathology Laboratory</u>			
<i>Sclerotium rolfsii</i> (B rated Southern Root Rot)	Japanese Aralia	Quar	1
<i>Fusarium sp.</i> (Q rated Fusarium Canke)	Avocado	Pub	1
<i>Fusarium sp.</i> (Q rated Fusarium Canker)	Koelreuteria sp.	Nurs	1
TOTAL			3

Source*: Nurs: Nursery Quar: Quarantine Pub: Public