

2010

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 and Livestock	9
Apiary	10
Forest Products	10
Sustainable Agriculture Reporting	11
Pest Detection Activities	12
Pest Eradication Activities	12
Biological Control Activities	13
Pest Exclusion Activities	13

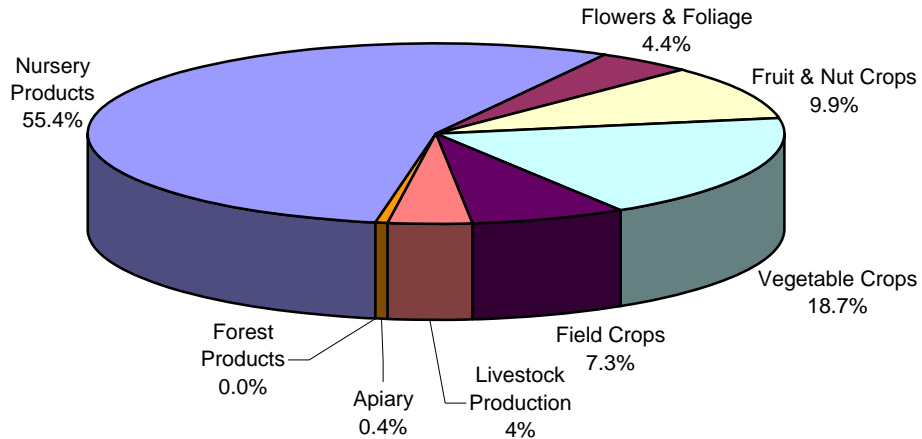
MILLION DOLLAR COMMODITIES

1.	Woody Ornamentals	51,282,000
2.	Bedding Plants	33,061,000
3.	Root Vegetables	28,659,000
4.	Orchard Fruits	11,719,000
5.	Alfalfa Hay	7,886,000
6.	Dairy & Livestock	6,918,000
7.	Indoor Plants, Foliage	3,418,000
8.	Grapes	2,338,000
9.	Indoor Plants, Flowering	1,622,000
10.	Barley	1,453,600
11.	Grain Hay	1,400,000
12.	Herbs	1,183,000
13.	Rangeland	1,134,000
14.	Vine Crops	1,047,000
15.	Cherries	1,020,000

SUMMARY

Commodity	2010	2009	2008
Nursery Products	\$96,210,000	\$111,662,000	\$137,308,000
Flowers & Foliage	\$7,681,000	\$8,253,000	\$671,000
Fruit & Nut Crops	\$17,201,000	\$21,239,000	\$20,996,000
Vegetable Crops	\$32,599,000	\$30,357,000	\$44,155,000
Field Crops	\$12,679,000	\$12,624,000	\$14,185,000
Livestock Production	\$6,910,000	\$5,154,000	\$7,839,000
Apiary	\$744,000	\$246,000	\$1,021,000
Forest Products	\$12,000	\$12,000	\$16,000
TOTAL	\$174,036,000	\$189,547,000	\$226,191,000

Year 2010 Crop Value Summary



NURSERY PRODUCTS

Item	Year	Green House Square Feet	Field Acres	Total Value	
Woody Ornamentals	2010	4,752,000	1,071	\$51,282,000	▼
	2009	3,681,000	1,228	71,698,000	
Bedding Plants	2010	1,251,000	100	\$33,061,000	▲
	2009	1,287,000	102	22,965,000	
Ground Covers	2010	166,000	10	\$752,000	▼
	2009	205,000	26	1,570,000	
Miscellaneous *	2010	272,000	890	\$11,115,000	▼
	2009	296,000	802	15,429,000	
TOTAL	2010	6,441,000	2,071	\$96,210,000	▼
	2009	5,469,000	2,158	\$111,662,000	

* Includes perennials, vegetable plants, bonsai plants, turf, palm trees, cacti, and Christmas trees**.

** Commodities re-categorized to match USDA/NASS coding.

FLOWERS & FOLIAGE

Item	Year	Green House Square Feet	Field Acres	Total Value
Indoor Plants, Foliage**	2010	461,000	4	\$3,418,000 ▼
	2009	278,000	2	4,879,000
Indoor Plants, Flowering**	2010	292,000	1	\$1,622,000 ▼
	2009	545,000	1	2,564,000
Miscellaneous *	2010	65,000	76	\$2,641,000 ▲
	2009	50,000	75	810,000
* Includes orchids**, lilacs, pompoms, fruit blossoms, mums, delphiniums, roses, poppies, sunflowers, and other miscellaneous flowers.				
TOTAL	2010	818,000	81	\$7,681,000 ▼
	2009	873,000	78	\$8,253,000

** Commodities re-categorized to match USDA/NASS coding.

FRUIT & NUT CROPS

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value	
Strawberries	2010	53	13.2	497	Ton	\$1,708	\$849,000	▼
	2009	101	9.5	956	Ton	\$2,317	2,215,000	
Avocados	2010	87	3.6	267	Ton	\$693	\$185,000	▲
	2009	80	0.6	50	Ton	\$1,749	\$87,000	
Cherries	2010	152	1.5	257	Ton	\$3,969	\$1,020,000	▲
	2009	152	1.2	183	Ton	\$4,000	732,000	
Apples	2010	130	5.0	650	Ton	\$1,300	\$845,000	▲
	2009	130	3.0	390	Ton	\$1,300	507,000	
Grapes	2010	384	2.6	911	Ton	\$2,566	\$2,338,000	▼
	2009	370	3.7	1,355	Ton	\$3,470	4,702,000	
Orchard Fruits	2010	1,025	Includes nectarines, peaches, pears, plums, oranges, tangerines, apricots, lemons, and grapefruit.				\$11,719,000	▼
	2009	1,075					12,750,000	
Miscellaneous	2010	82	Includes figs, pistachios, olives, raspberries, other miscellaneous fruit, and nut crops.				\$245,000	▼
	2009	52					246,000	
TOTAL	2010	1,913					\$17,201,000	▼
	2009	1,960					21,239,000	

VEGETABLE CROPS

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value	
Corn*	2010	187	4.5	802	Ton	524	\$420,000	
Root Vegetables	2010	4,002	Includes dry onions, carrots, potatoes, radishes, beets, turnips, and other root vegetables.				\$28,659,000	▲
	2009	3,601					25,085,000	
Herbs	2010	83	Includes cilantro, parsley, chives, mint, thyme, and other herbs.				\$1,183,000	▲
	2009	12					718,000	
Table Greens	2010	14	Includes spinach, kale, oriental specialties, and lettuce.				\$402,000	▲
	2009	10					301,000	
Vine Crops	2010	135	Includes cucumbers, green beans, melons, pumpkins, squash, tomatoes, watermelons, and zucchini.				\$1,047,000	▼
	2009	132					1,864,000	
Miscellaneous	2010	51	Includes bell peppers, cacti, celery, chard, green onions, Mexican onions, and other miscellaneous.				\$888,000	▼
	2009	326					2,389,000	
TOTAL	2010	4,472					\$32,599,000	▲
	2009	4,081					30,357,000	

*Corn has its own category due to the increased number of growers.

FIELD CROPS

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value
Alfalfa Hay	2010	6,196	8.4	51,988	Ton	\$152	\$7,886,000 ▼
	2009	7,044	8.3	58,662		\$147	8,636,000
Grain Hay	2010	5,189	2.4	12,698	Ton	\$110	\$1,400,000 ▼
	2009	4,868	2.8	13,714		\$112	1,535,000
Rangeland	2010	45,115					\$1,134,000 ▲
	2009	47,400					930,000
Miscellaneous*	2010	4,600	Includes irrigated pasture, barley, sudan hay, oat hay, and grazing privileges on stubble.				\$2,259,000 ▲
	2009	3,784					1,523,000
TOTAL	2010	15,985	**				\$12,679,000 ▲
	2009	15,696	**				12,624,000

* Acreage excludes stubble.

** Excluding rangeland and stubble.

DAIRY & LIVESTOCK

Item	Year	Total Value
	2010	\$6,918,000 ▲
	2009	5,154,000

APIARY

Item	Year	Production	Unit	Value Per Unit	Total Value	
Honey	2010	432,324	Lb.	\$1.47	\$634,000	▲
	2009	121,960		\$1.89	\$205,000	
Beeswax	2010	6,053	Lb.	\$2.67	\$16,000	▲
	2009	3,096		\$2.58	\$8,000	
Miscellaneous	2010	Includes pollination fees, etc.			\$94,000	▲
	2009				\$33,000	
TOTAL	2010				\$744,000	▲
	2009				246,000	

FOREST PRODUCTS

Item	Year	Total Value
Firewood *	2010	\$12,000
	2009	12,000

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

SUSTAINABLE AGRICULTURE REPORTING

Organic Farming Statistics

<u>Crops</u>	<u>Estimated Acres</u>	
	<u>2010</u>	<u>2009</u>
Apples	0.72	0.36
Apricots	5.74	7.50
Avocados	19	20
Cactus Pears	3	5
Cherimoyas	1.05	1.05
Cherries	2	2.25
Oranges	18.04	
Lemons/Limes	13.25	
Citrus		24.07
Grapes	0.21	0.95
Peaches	12.20	11.25
Pears	1.21	0.02
Persimmons	1	2
Pomegranates	1.7	1.13
Other Fruits	0.24	1
Herbs (including sprouts)	0.52	3
Vegetables	11.52	30.60

<u>Year</u>	<u>Farms</u>	<u>Acres</u>
2010	33	91.4
2009	25	110.18

PEST DETECTION ACTIVITIES

Pest	Number of Traps Pest Detection	Specimens Trapped
Mexican Fruit Fly	5,004	0
South American Fruit Fly (traps shared with Mexican Fruit Fly)		1
Mediterranean Fruit Fly	5,001	0
Melon Fruit Fly	5,013	0
Striped Fruit Fly (traps shared with Melon Fruit Fly)		3
Oriental Fruit Fly	5,013	11
Guava Fruit Fly (traps shared with Oriental Fruit Fly)		1
Gypsy Moth	2,359	0
Asian Gypsy Moth (traps shared with Gypsy Moth)		0
Japanese Beetle	3,145	2
European Pine Shoot Moth	10	0
European Corn Borer	2	0
Light Brown Apple Moth	5,004	180+
TOTAL	<u>30,551</u>	<u>198+</u>

PEST ERADICATION ACTIVITIES

Pest	Method	Scope of Program
Mediterranean Fruit Fly	Ground bait and increased sterile Mediterranean Fruit Fly release	1 treatment area (Continued from 2009)
Oriental Fruit Fly	Male Attractant Technique	1 treatment area
Mediterranean Fruit Fly	Continued preventative program: sterile Medfly release countywide	Approximately 8.9 billion steriles released
Guava Fruit Fly	Male Attractant Technique	1 treatment area
Red Imported Fire Ant	Treatments completed Survey Work	1,106 properties 6,991 properties/3,453 acres

BIOLOGICAL CONTROL ACTIVITIES

Pest	Agent/Mechanism	Scope of Program
Mediterranean Fruit Fly	Sterile Release	8,912,451,509 sterile Medflies released

PEST EXCLUSION ACTIVITIES

Pest Exclusion Violations	Number of Violations Issued
Infested/Presumed Infested	293
Markings	172
Proof of Ownership	20
Failure to Hold	13
Caribbean Fruit Fly	10
Plum Curculio and Blueberry Maggot	9
Japanese Beetle	9
Federal Territorial Quarantine	7
Fruit Fly - Interstate	6
Burrowing and Reniform Nematodes	6
Nursery Stock Certificate	5
Citrus Pests	5
Federal Domestic Quarantine - Fruit Flies	2
Chestnut Bark and Oak Wilt Disease	2
Cherry Fruit Fly	2
European Corn Borer	2
Colorado Potato Beetle	2
Gypsy Moth	1
Golden Nematode	1
Asian Citrus Psyllid (ACP)	1
Mishandling	1
Peach Tree Diseases	1
Ozonium Root Rot	1
TOTAL	<u>571</u>

PEST EXCLUSION ACTIVITIES

PEST INTERCEPTED <i>Latin Name (Common Name)</i>	MATERIAL	SOURCE*	# of INTERCEPTIONS
<u>Entomology Laboratory</u>			
<i>Abgrallaspis sp.</i> (Armored scale)	Bay leaves	Quar	2
<i>Acutaspis albopicta</i> (Albopicta scale)	Cut foliage	Quar	2
<i>Adoretus sp.</i> (Scarab beetle)	Basil	Quar	1
<i>Agallia sp.</i> (Leafhopper)	Cut foliage	Quar	6
<i>Aleuroparadoxus sp.</i> (Whitefly)	Bay leaves	Quar	1
<i>Anoplolepis gracilipes</i> (Long-legged ant)	Cut foliage	Quar	4
<i>Aonidiella aurantii</i> (California red scale)	Nursery plants	Nurs	2
<i>Aonidiella orientalis</i> (Oriental scale)	Cycad	Quar	1
<i>Araecerus coffeae</i> (Coffee bean weevil)	Cut foliage/Grain	Quar/Pub	8
<i>Aspidiotus destructor</i> (Coconut scale)	Cut foliage	Quar	9
<i>Atractomorpha sinensis</i> (Slant-faced grasshopper)	Basil	Quar	2
<i>Aulacaspis yasumatsui</i> (Cycad aulacaspis scale)	Cycad	Quar	15
<i>Bagrada hilaris</i> (Bagrada bug)	Wooden pallets	Quar	1
<i>Bradybaena similaris</i> (Snail)	Cut foliage	Quar	7
<i>Ceroplastes floridensis</i> (Florida wax scale)	Shefflera	Quar	2
<i>Ceroplastes rubens</i> (Red wax scale)	Cut flowers	Quar	3
<i>Ceroplastes rusci</i> (Fig wax scale)	Palm/Cut foliage	Quar	5
<i>Chrysodeixis eriosoma</i> (Green garden looper)	Cut foliage	Quar	9
<i>Coccus acutissimus</i> (Slender soft scale)	Cut foliage	Quar	1
<i>Coccus sp.</i> (Soft scale)	Cut foliage	Quar	6
<i>Conocephalus saltator</i> (Katydid)	Cut foliage	Quar	2
<i>Cylas formicarius</i> (Sweet potato weevil)	Sweet potato	Quar	2
<i>Diaphania nitidalis</i> (Pickleworm)	Cucumber	Quar	4
<i>Euethola rugiceps</i> (Scarab beetle)	Roses	Quar	1
<i>Eumerus figurans</i> (Ginger maggot)	Ginger roots	Quar	2
<i>Euwallacea fornicatus</i> (Bark beetle)	Boxelder	Pub	1
<i>Ferrisia virgata</i> (Striped mealybug)	Dracaena	Quar	3

PEST EXCLUSION ACTIVITIES

PEST INTERCEPTED <i>Latin Name (Common Name)</i>	MATERIAL	SOURCE*	# of INTERCEPTIONS
<u>Entomology Laboratory</u>			
<i>Frankliniella schultzei</i> (Thrips)	Tarragon/Mint	Quar	3
<i>Graptostethus manillensis</i> (Lygaeid bug)	Cut foliage	Quar	1
<i>Gyponana germari</i> (Leafhopper)	Cut foliage	Quar	26
<i>Hemiberlesia palmae</i> (Tropical palm scale)	Bay leaves	Quar	1
<i>Homalodisca vitripennis</i> (adults) (Glassy-winged sharpshooter)	Nursery plants	Nurs	422
<i>Homalodisca vitripennis</i> (eggs) (Glassy-winged sharpshooter)	Nursery plants	Nurs	29
<i>Inglisia vitrea</i> (Soft scale)	Bay leaves	Quar	2
<i>Hypogeococcus pungens</i> (Harrisia cactus mealybug)	Cactus	Pub	1
<i>Kallitaxila granulata</i> (Planthopper)	Cut foliage	Quar	35
<i>Lagocheirus sp.</i> (Longhorned beetle)	Plumeria	Quar	1
<i>Lepidosaphes sp.</i> (Armored scale)	Palm leaves	Quar	4
<i>Nipaecoccus sp.</i> (Coconut mealybug)	Palm	Quar/Nurs	9
<i>Nipponorthezia guadalcanalia</i> (Ensign scale)	Raphis	Quar	1
<i>Nysius sp.</i> (Lygaeid bug)	Cut foliage	Quar	21
<i>Paracoccus herreni</i> (Mealybug)	Basil	Quar	1
<i>Phaneroptera furcifera</i> (Katydid)	Cut foliage	Quar	6
<i>Pheidole megacephala</i> (Big headed ant)	Cut foliage	Quar	16
<i>Pinnaspis buxi</i> (Boxwood scale)	Cut foliage	Quar	11
<i>Pinnaspis strachani</i> (Lesser snow scale)	Cut foliage	Quar	6
<i>Prococcus acutissimus</i> (Slender soft scale)	Cut foliage	Quar	2
<i>Protopulvinaria pyriformis</i> (Pyriform scale)	Nursery plants	Nurs	7
<i>Pseudanthonomus sp.</i> (Weevil)	Leeks	Quar	1
<i>Pseudaulacaspis cockerelli</i> (Magnolia white scale)	Cut foliage	Quar	8
<i>Pseudococcus lycopodii</i> (Mealybug)	Lycopodium	Quar	2
<i>Pseudococcus jackbeardsleyi</i> (Mealybug)	Basil	Quar	2
<i>Pseudococcus elisae</i> (Mealybug)	Basil	Quar	1

PEST EXCLUSION ACTIVITIES

PEST INTERCEPTED <i>Latin Name (Common Name)</i>	MATERIAL	SOURCE*	# of INTERCEPTIONS
<u>Entomology Laboratory</u>			
<i>Pseudokermes vitreus</i> (Soft scale)	Bay leaves	Quar	2
<i>Pseudomyrmex sp.</i> (Ant)	Basil	Quar	1
<i>Pulvinaria psidii</i> (Green shield scale)	Nursery plants	Nurs	4
<i>Remaudiereana nigriceps</i> (Lygaeid bug)	Ginger	Quar	1
<i>Ripersiella hibisci</i> (Soil mealybug)	Palm	Quar	1
<i>Sinoxylon sp.</i> (Powderpost beetle)	Cut foliage	Quar	1
<i>Solenopsis geminata</i> (Tropical fire ant)	Cut foliage	Quar	5
<i>Sybra alternans</i> (Long horned beetle)	Cut foliage	Quar	2
<i>Technomyrmex albipes</i> (White footed ant)	Cut foliage	Quar	52
<i>Trigonidium sp.</i> (Cricket)	Betel leaf	Quar	2
<i>Trigonidomorpha sjostedti</i> (Cricket)	Ginger root	Quar	3
<i>Veronicella sp.</i> (Slug)	Cut foliage	Quar	3
<i>Vinsonia stellifera</i> (Stellate scale)	Cut foliage	Quar	1
<i>Wasmannia auropunctata</i> (Little fire ant)	Ginger	Quar	2
<i>Xylosandrus sp.</i> (Bark beetle)	Cut foliage	Quar	1
<i>Zachrysia provisoria</i> (Snail)	Philodendron	Quar	1
TOTAL			803

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

Plant Pathology Laboratory

<i>Euphobia terracina</i> (Geraldton Carnation Weed)	Weed	Nurs	1
<i>Fatoua villosa</i> (Hairy Crabweed)	Weed	Nurs	1
TOTAL			2

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