





2012



Table of Contents

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

ACKNOWLEDGEMENTS

We sincerely thank Marivel Sanchez of Pacific Graphics, Inc. for the design layout of this year's crop report. A special word of thanks to all who assisted in creating this edition of the crop report: Public Information Officer Ken Pellman, for researching, writing, editing, and staff photographs; Ivy Pham, who generated the completed statistical report; Cynthia Werner, for research, consultation, and photos, and Deputy Agricultural Commissioner Richard G. Sokulsky. For gathering and compiling information and providing or assisting with photographs, we thank Entomologist Dr. Gevork Arakelian, Plant Pathologist Dr. Jerry Turney, and the men and women of the Pest Exclusion and Produce Quality Bureau, especially the Entomology Laboratory, and the Environmental Protection Bureau.

For a copy of this report, visit our website at http://acwm.lacounty.gov



Kurt E. Floren Agricultural Commissioner Director of Weights and Measures

COUNTY OF LOS ANGELES

Department of Agricultural Commissioner/ Weights and Measures

12300 Lower Azusa Road Arcadia, California 91006-5872 http://acwm.lacounty.gov



Richard K. IizukaChief Deputy

Karen Ross, Secretary California Department of Food and Agriculture

and

The Honorable Board of Supervisors County of Los Angeles

Mark Ridley-Thomas, Chair – Second District
Gloria Molina – First District
Zev Yaroslavsky – Third District
Michael D. Antonovich– Fifth District

2012 CROP AND LIVESTOCK REPORT

The total gross value of the agricultural crops and commodities produced in Los Angeles County during 2012 was \$189,985,600. This represents a 9.75% increase from last year's production. Factors such as a mild spring, improved economy, and strengthening real estate market helped drive an increase in demand, yielding some of the best sales in years and resulting in the first increase in production value since 2005.

Groves of fruit and nut crops had the most dramatic increase in production. After suffering the effects of a late spring frost in 2011 that decreased production by over 80%, production rebounded in 2012 by an overall increase in value of 590%. Also attributing to the increased value were root vegetable crops which increased by 31%. These were positive notes for our growers, who have faced some tough challenges during the past decade.

I offer my sincere appreciation to each of the producers and individuals who provided information to complete this report. I also would like to extend my thanks to the skilled and dedicated staff of this Department for their diligent work in serving and protecting the agricultural community and in collecting and compiling the statistics for this annual report.

Respectfully submitted,

Kurt E. Floren

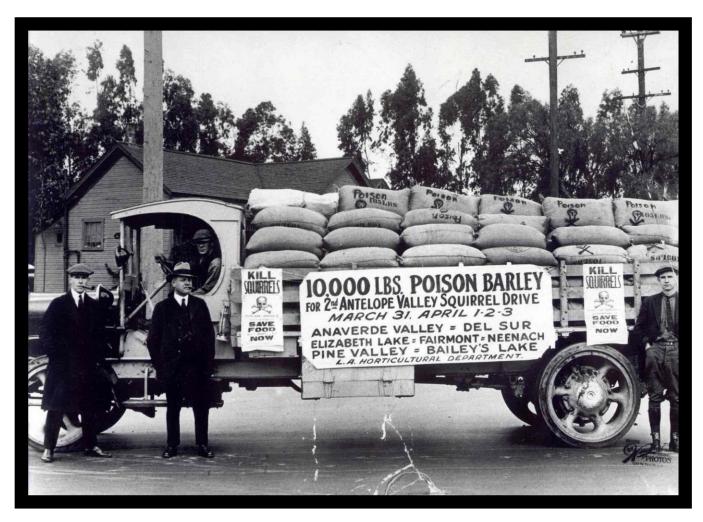
Agricultural Commissioner/ Director of Weights and Measures

Protecting Consumers and the Environment Since 1881 To Enrich Lives Through Effective and Caring Service

This annual publication presents statistical information on acreage, yield, and gross value of agricultural products produced in Los Angeles County. This is published in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code. The production values in this report represent gross values and do not reflect the cost of production, net income, or loss to producers.

North of the San Gabriels

The Antelope Valley is north of the Los Angeles basin, separated from the rest of the County of Los Angeles by the beautiful San Gabriel Mountains, and this is accessible primarily by Interstate 5 – the Golden State Freeway, and the Highway 14 – The Antelope Valley Freeway. The Valley extends into the southeast portion of Kern County and is the western edge of the Mojave Desert. According to reports, the namesake animals roamed the Valley into the 1880s.



The "AV" is a preservation of the agricultural legacy of what was once the top production County in the nation.

Native peoples lived in the area, with Europeans arriving in the 1770s. John C. Fremont came through in 1844. The Southern Pacific Railroad rolled through in 1876. In June 1888, the settlement of Palmenthal got a post office.

In November 1913, completion of the Los Angeles Aqueduct system brought water from the Owens Valley. The agricultural industry benefitted greatly when, in 1921, Mint Canyon/Lancaster Road, later designated U.S. Route 6 (now Sierra Highway), was completed. 1924 brought the completion of Little Rock Dam and Harold Reservoir, which is now Lake Palmdale.



The Valley has not escaped the population growth that has filled the rest of the County. Palmdale's population grew from 8,500 in 1970 to 152,750 in 2010, and Lancaster's population grew, over the same years, from 31,000 to 156,600. Still, farms remain and this is where the majority of the County's commercially grown fruits, vegetables, and field crops are raised.

For many years, separate listings of crop data were made for the Antelope Valley portion of the County of Los Angeles. Copies of those reports are included herein.

MILLION DOLLAR COMMODITIES

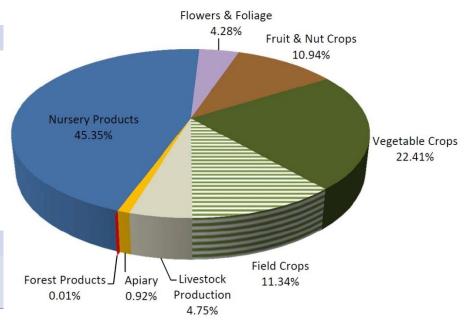
	1	Woody Ornamentals	43,184,000
	2	Root Vegetables	35,503,000
	3	Bedding Plants	24,942,00
	4	Orchard Fruits	17,890,000
	5	Alfalfa Hay	16,912,000
	6	Turf	9,099,000
	7	Dairy & Livestock	9,018,000
	8	Indoor Plants, Foliage	2,606,000
	9	Indoor Plants, Flowering	2,450,000
1	10	Grain Hay	2,071,000
1	11	Grapes	1,712,000
1	12	Vegetable Plants	1,597,000
1	13	Honey	1,149,000







Year 2012 Crop Value Summary



SUMMARY:

COMMODITY	2012	2011	2010
Nursery Products	\$86,155,000	\$96,635,150	\$96,210,000
Flowers & Foliage	\$8,136,000	\$7,774,900	\$7,681,000
Fruit & Nut Crops	\$20,782,000	\$2,999,260	\$17,201,000
Vegetable Crops	\$42,574,000	\$31,956,680	\$32,599,000
Field Crops	\$21,556,000	\$22,575,260	\$12,679,000
Livestock Production	\$9,018,000	\$8,978,030	\$6,910,000
Apiary	\$1,748,400	\$2,167,600	\$744,000
Forest Products	\$16,200	\$19,170	\$12,000
TOTAL	\$189,985,600	\$173,106,050	\$174,036,000

















NURSERY PRODUCTS

Item	Year	Green House Square Feet	Field Acres	Total Value
		Squarerect	110105	
Woody Ornamentals	2012	3,013,000	846	\$43,184,000 \
	2011	6,680,000	854	48,639,220
Bedding Plants	2012	912,000	78	\$24,942,000 \
	2011	1,194,000	92	28,809,550
Turf	2012	0	712	\$9,099,000↓
	2011	0	812	9,400,000
Vegetable Plants	2012	45,500	8.6	\$1,597,000 ↑
	2011	29,000	4.6	951,500
Bonsai	2012	110,000	7.7	\$769,000 ↓
	2011	132,000	4.5	819,200
Ground Covers	2012	88,000	6.8	\$410,000 ↓
	2011	113,000	12	633,420
Miscellaneous *	2012	468,000	61	\$6,154,000 ↓
	2011	323,000	87	7,382,260
*Include negonials	Christmas troos	dragon funita	luelzy bembee	funit troop oitmus

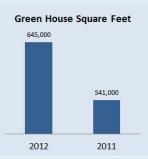
*Include perennials, Christmas trees, dragon fruits, lucky bamboo, fruit trees, citrus trees, plumerias, cycads, and other misc. nursery plants.

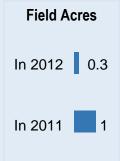
TOTAL	2012	4,636,500	1,720	\$86,155,000↓
	2011	8,471,000	1,866	96,635,150

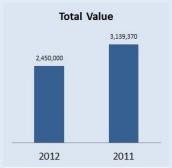


Flowers & Foliage

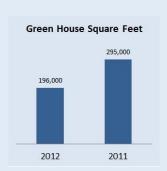
Indoor Plants, Flowering



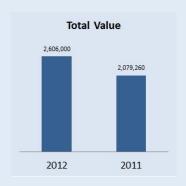




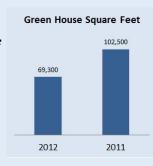
Indoor Plants, Foliage



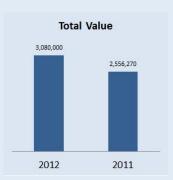




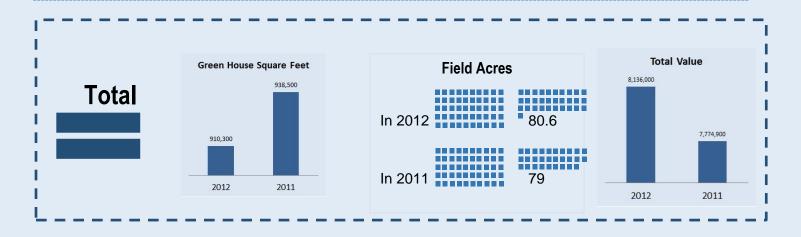
Miscellaneous*

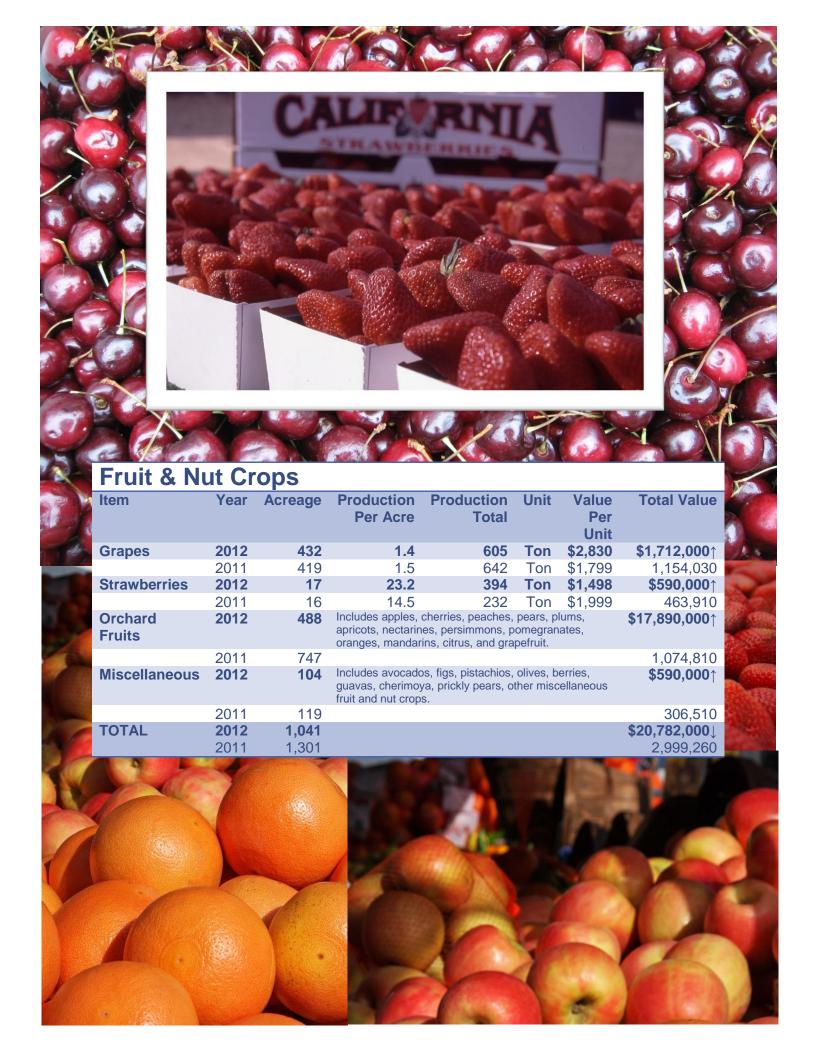






*Include orchids, lilacs, cut roses, sunflowers, poppies, delphiniums, pom poms, mums, peach blossoms, poppies, chrysanthemums, cacti, succulents, and other miscellaneous flowers.







ROOT VEGETABLES

- 31.24% ↑
- \$35,503,000



HERBS

- 73.34% ↑
- \$604,000





TABLE GREENS

- 21.36% ↓
- \$571,000

Vegetable Crops

- regermere e	- 1						
Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value
Corn	2012	137	5.0	685	Ton	\$584	\$400,000↓
	2011	248	29.8	1,214		\$494	599,560
Tomatoes	2012	35	13.0	455	Ton	\$1,084	\$493,000 ↑
	2011	32	76.0	330		\$1,241	\$409,690
Root Vegetables	2012	3,412		Includes dry onions, garlic, carrots, potatoes, radishes, beets, turnips, and other root vegetables.			
	2011	3,358					27,051,510
Vine Crops	2012	83	Includes cucumbers, green beans, melons, pumpkins, squash, zucchinis, watermelons, and cantaloupes.				\$543,000↓
	2011	84				618,570	
Table Greens	2012	23	Includes spinach, and lettuces.	Includes spinach, kale, oriental specialties, alfalfa sprouts, and lettuces.			
	2011	20					726,120
Herbs & Spices	2012	24	Includes cilantro, other herbs & spi	parsley, chives, mir ces.	nt, thyme, f	ennel, and	\$604,000 ↑
	2011	11					348,440
Miscellaneous	2012	346	Includes bell peppers, chili peppers, cacti, celery, chard, mustard greens, collard greens, leeks, kohlrabi, cabbages, green onions, okra, broccoli, cauliflower, eggplant, and other misc. vegetables.			\$4,460,000 ↑	
	2011	172					2,202,790
TOTAL	2012	4,060					\$42,574,000 ↑
	2011	3,925					31,956,680

Fiel	d	Cr	0	ps
-------------	---	----	---	----

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value
Alfalfa Hay	2012	7,109	8.5	60,400	Ton	\$280	\$16,912,000 ↓
	2011	6,250	6.4	52,458	Ton	\$341	17,835,720
Grain Hay	2012	3,163	3.0	9,500	Ton	\$218	\$2,071,000 ↓
	2011	3,710	3.0	11,225	Ton	\$227	2,545,450
Rangeland	2012	4,650		5,700			\$142,000 ↑
	2011	4,600					114,810
Miscellaneous	s* 2012	4,321	_	ated pasture, b corn grain and stubble.	•		\$2,431,000 ↑
	2011	4,980					2,079,280
Total	2012	14,593**					\$21,556,000 ↓
	2011	14,940**					22,575,260

*Acreage excludes stubble.
**Excluding rangeland and stubble

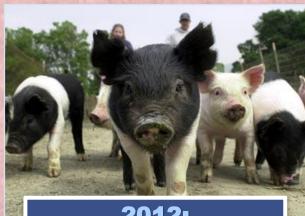


Apiary

Item	Year	Production	Unit	Value Per Unit	Total Value
Honey	2012	575,000	Lb.	\$2.00	\$1,149,000 ↓
	2011	610,319	Lb.	\$2.00	\$1,222,910
Beeswax	2012	6,130	Lb.	\$3.00	\$18,400 ↑
	2011	4,205	Lb.	\$1.67	\$7,390
Miscellaneous	2012	Includes pollination f	ees, etc.		\$581,000↓
	2011				\$937,300
Total	2012				\$1,748,400 ↓
	2011				2,167,600

Dairy & Livestock





2012: \$9,018,000 ↑

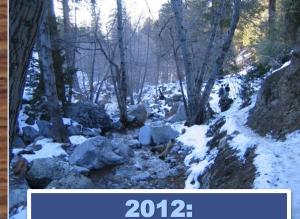


2011: \$8,978,030

Includes dairy cattle, beef cattle, hogs, goats, chickens, milk, goat milk, eggs, etc.

Forest Products

Firewood* Total Value Comparison



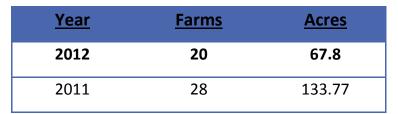
2012: \$16,200↓



2011: \$19,170

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















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 Fruit 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

Oriental Fruit Fly

Mediterranean Fruit Fly

Method

Male Attractant Technique

Continued preventative program: sterile Medfly release countywide

Scope of Program

1 treatment area

Approximately 7.9 billion steriles flies released







Biological Control Activities

Pest

Scope of Program

Agent/Mechanism

Mediterranean Fruit Fly

7.9 billion sterile Medflies released

Sterile Release

PEST EXCLUSION ACTIVITIES

Pest Exclusion Interceptions, Actions, and Violations Is	ssued
Markings (FAC)	244
Infested/Presumed Infested	190
Japanese Bettle	18
Plum Curculio and Blueberry Maggot	18
Burrowing and Reniform Nematodes	13
Failure to Hold for Inspection	10
Carribean Fruit Fly	8
Citrus Pest	7
Marking (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
Red Imported Fire Ant	1
Ozonium Root Rot	1
Pine Shoot Beetle	1
Citrus Canker	1
TOTAL	566





PEST EXCLUSION ACTIVITIES

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

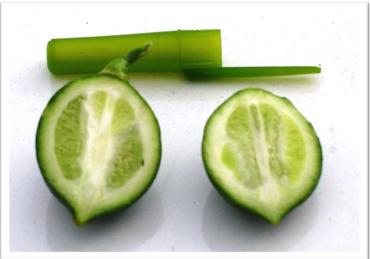
PEST INTERCEPTED Latin Name (Common Name)	MATERIAL	SOURCE*	# of INTERCEPTIONS
Entomology Laboratory			
Eumerus figurans (Ginger maggot)	Ginger roots	Quar	2
Euwallacea sp. (Polyphagous shot hole borer)	Avocado	Pub	2
Geococcus coffeae (Coffee root mealybug)	Palm	Quar	3
Gyponana germari (Leafhopper)	Cut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

PEST INTERCEPTED Latin Name (Common Name)	MATERIAL	SOURCE*	# of INTERCEPTIONS	
Entomology Laboratory				
Pseudococcus cockerelli (Magnolia white scale)	Cut foliage / Palms	Quar / Nurs	5	
Pseudococcus cryptus (Mealybug)	Ginger	Quar	1	
Pseudococcus jackbeardsleyi (Mealybug)	Basil	Quar	2	
Pseudococcus sp. (Mealybug)	Agave	Nurs	4	
Pulvinaria psidii (Green shield scale)	Rambutan/Nursery plants	Quar / Nurs	4	
Pulvinaria urbicola (Soft scale)	Rambutan	Quar	1	
Singhiella simplex (Ficus whitefly)	Ficus	Pub	4	
Solenopsis geminata (Tropical fire ant)	Cut foliage	Quar	2	
Sybra alternans (Long horned beetle)	Cut foliage	Quar	1	
Sinoxylon anale (False powderpost beetle)	Wooden pallets	Quar	1	
Tarophagus colocasiae (Taro planthopper)	Taro	Quar	21	
Technomyrmex albipes (White footed ant)	Cut foliage	Quar	31	
Trigonidomorpha sjostedti (Cricket)	Ginger root	Quar	3	
Veronicella sp. (Slug)	Cut foliage	Quar	1	
Wasmannia auropunctata (Little fire ant)	Ginger	Quar	3	
Zachrysia provisoria (Snail)	Zamioculcas	Quar	1	
TOTAL Source*: Nurs: Nursery Quar: Quarantine P	2,547			
PEST INTERCEPTED Latin Name (Common Name)	MATERIAL	SOURCE*	# of INTERCEPTIONS	
Plant Pathology Laboratory				
Sclerotium rolfsii (B rated Southern Root Rot)	Japanese Aralia	Quar	1	
Fusaraium sp. (Q rated Fusarium Canker)	Avocado	Pub	1	
Fusaraium sp. (Q rated Fusarium Canker)	Koelreuteria sp.	Nurs	1	
TOTAL Source*: Nurs: Nursery Quar: Quarantine Pub: Publ	3			

When Going Green is NOT What We Want

In March, a dreaded, but not unexpected, moment arrived. Huanglongbing (HLB), also known as Citrus Greening Disease, was confirmed to be in a grafted tree at a residential property in the unincorporated community of Hacienda Heights. It was the first case in California.





We'd been bracing ourselves for this moment since Monday, August 24, 2009, when a specimen of Asian Citrus Phsyllid (ACP), which vectors HLB, was detected in the Echo Park neighborhood of the City of Los Angeles by the California Department of Food and Agriculture (CDFA). Since then, ACP had been found in many locations within the County of Los Angeles.

HLB, a bacterial disease, does not pose a threat to humans or animals, but it is fatal to citrus trees. There is no cure once a tree becomes infected. The disease destroys the taste of fruit, and the diseased tree will decline in health until it dies.

This detection in Hacienda Heights was the first confirmed case in California. In response, CDFA, our department, and United States Department of Agriculture (USDA) personnel mobilized a multifaceted effort, along with citrus growers. The tree itself, doomed to die from the disease, was completely removed and analyzed, thus preventing it from being a reservoir to spread the disease. Treatments of nearby citrus trees and intensive surveys were undertaken. A quarantine was imposed.

Fortunately, no other trees were found to have HLB.

1945 ANNUAL CROP REPORT

Crop

FRUITS & NUTS

Almonds

Cherries

Misc. Fruits & Nuts

Ha

161

DMF/mbp

Peaches

Pears Plums

FIELD CROPS Alfalfa Hay

Alfalfa Seed*

Grain-wheat

Grain-Hay Pasture & Range Irrigated

Other

Sugar Beets

Cantaloupes

Watermelons Melons, other Misc. Vegetables

NURSERY STOCK AND CUT FL Cut Flowers Nursery Stock

* Acreage included in

Total

Total

VEGETABLES

Silage-Sorghum

& Field Corn

Alfalfa Stubble* Grain-barley

Total

Apples

ANTELOPE VALLEY

Bearing Avg. Yield Crop Acres Yield Unit Value Value OTHER FRUITS & N Almonds Apples Apricots

Cherries Grapes Peaches Pears (Std.) Pears (substd.) Total FIELD CROPS Alfalfa hay

Alfalfa seed Grain-barley Grain-oats Grain-wheat Grain-hay Oat seed Total

VEGETABLES Melonscantaloupe Melons-water Potatoes-sweet Potatoes-white Squash-winter Total

TOTAL ALL PLANT CROPS

Source of data:

crw-ct 11/13/50 COUNTY OF LOS ANGELES, AGRICULTURAL COMMISSIONER

PLANT CROP REPORT - ANTELOPE VALLEY AREA - 1971

Page 2 PLANT CROP REPORT - ANTELOPE VALLEY DISTRICT - 1971

Harvested Yield Produc-Average Crop Per Acre Acres tion Unit Price Value U. S. DEPARTMENT OF AGRICULTURE PAYMENTS (Estimated) Agricultural Conservation Program Agricultural conservation frogram Crop Iand Adjustment Program Wheat Diversion and Price Support Payments Estimated Processor & U.S. Sugar Act Payments 12,540 26,625 191,600 93,335 324,100 GRAND TOTAL ALL PLANT CROPS 163,692 Acres 9,542,900 APIARY PRODUCTS Honey (16,000 colonies) 65. 1,040,000 \$.20 208,000 Beeswax 17,000 Lbs. .57 9,700 217,700 TOTAL PLANT CROPS AND APIARY PRODUCTS

SUMMARY

\$ 9,760,600

1967-1971 Inclusion

1		1967-1971, Inclusive						
		1967	1968		· <u>1969</u>	1970	1971	
	Fruits & Nuts	\$ 524,050	\$ 1,360,350	\$	1,136,400	\$ 1,066,500	\$ 1,295,150	
	Field Crops	10,513,500	8,615,950		8,021,000	7,797,050	7,736,550	
	Vegetables	338,950	238,400		68,800	132,000	59,300	
	Nursery Stock & Cut Flowers	74,000	114,000		113,000	81,000	127,800	
	USDA Payments	410,650	391,425		898,460	708,770	324,100	
	Total Plant Crops	\$11,861,150	\$10,720,125	\$ 1	0,237,660	\$ 9,785,320	\$ 9,542,900	
	Apiary Products	116,450	79,625		188,400	88,000	217,700	
	Total Plant Crops & Apiary Products	*6			•			

\$11,977,600 \$10,799,750 \$ 10,426,060 \$ 9,873,320 \$ 9,760,600



