Los Angeles

County

Agricultural Crop

and Livestock



~2005~



Kurt E. Floren

## Welcome to Our New Department Head

As January 2005 introduced a new year for the multitude of activities and services provided by the Department of Agricultural Commissioner/Weights and Measures, it also saw the appointment of a new Department Head following the retirement of Cato Fiksdal in mid-2004. On January 18, 2005, Kurt E. Floren was appointed as Agricultural Commissioner/ Director of Weights and Measures for the County of Los Angeles.

This was a homecoming for Mr. Floren, as he began his Los Angeles County career in 1981 as a trapper in the Exotic Fruit Fly Detection Program during one of the major Mediterranean Fruit Fly battles and soon became what was then known as a General Detection Trapper, working for the California Department of Food and Agriculture and the United States Department of Agriculture in the detection of other pests of major concern such as Oriental Fruit Fly, Mexican Fruit Fly, Gypsy Moth, and Japanese Beetle. After the 1984 merging of the former Department of Agricultural Commissioner and the Department of Weights and Measures, Kurt joined the Weights and Measures program as a regulatory inspector, rising to the rank of Supervisor, Weights and Measures Inspection, in which he directed the activities of the Business Practices/Investigation Division for nine years. There, he oversaw departmental programs such as weighmaster enforcement, packaged commodity inspection, scanner price verification, undercover test purchases, and investigations into fraud and negligence in the marketplace, ensuring that consumers and competing businesses were protected from unfair practices.

In 1999, Kurt was recruited by the County of San Diego Department of Agriculture, Weights and Measures as a Deputy Agricultural Commissioner/Sealer of Weights and Measures to oversee that department's Weights and Measures, Direct Marketing (Certified Farmers' Market), Egg Quality Inspection, Organic Production, and Fruit/Nut/Vegetable Standardization programs. He was subsequently promoted to Deputy Director, adding to his responsibilities managerial oversight of the Plant Pathology and Entomology Laboratories as well as the Pest Exclusion/Plant Quarantine, Pest Detection, and Pesticide Regulatory programs. He ultimately became Assistant Director of the County of San Diego department before being selected by the Los Angeles County Board of Supervisors for his current appointment.

Mr. Floren brings a wide diversity of experience in assuming the position of Agricultural Commissioner/Director of Weights and Measures. Since returning to the County of Los Angeles, he has been appointed by the California Secretary of Food and Agriculture to the Certified Farmers' Market Advisory Committee as well as receiving appointments as Chairman of the Laws and Regulations Committee of the Western Weights and Measures Association, Chairman of the Standardization and Statistics Committee of the California Agricultural Commissioners and Sealers Association (CACASA), Agricultural Commissioner Liaison to the California Structural Pest Control Board and, most recently, as a member of the CACASA Board of Directors. Mr. Floren looks forward to the challenges and promises of sustained agricultural production in Los Angeles County as well as ensuring the safe application of pesticides, protection of safe drinking water and our environment through the work of our Environmental Toxicology Laboratory, the prevention of wildfires through weed hazard abatement, the exclusion of plant pests and pathogens that can threaten statewide agriculture, and the array of other programs conducted by the department.

For a copy of this crop report, visit our website at: <u>http://acwm.co.la.ca.us</u>



*Kurt E. Floren* Agricultural Commissioner/ Director of Weights and Measures

#### **COUNTY OF LOS ANGELES**

Department of Agricultural Commissioner/ Weights and Measures

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A.G. Kawamura, Secretary California Department of Food and Agriculture

and

the Honorable Board of Supervisors County of Los Angeles

Mayor Michael D. Antonovich - First District Gloria Molina - Second District Zev Yaroslavsky - Fourth District Don Knabe - Fifth District

#### 2005 CROP AND LIVESTOCK REPORT

In 2005, a total gross value of **\$277,844,000** in agricultural crops and commodities was produced in Los Angeles County, a slight decrease of 1.4% from last year's revised total of \$281,917,000. Offsetting production losses created by a 6.4% reduction in nursery production values were significant gains of 22% in fruit and nut crops, 37% in field crops, and 297% in apiary products, driven in some instances by stronger market values and, elsewhere, by a combination of value increases and growth in harvested acreage.

Nursery products remain the number one crop produced in Los Angeles County, constituting 64.9% of the total overall production value this year. Increasing land values, escalating production costs, and shipping restrictions due to quarantines addressing Sudden Oak Death and Glassy-Winged Sharpshooter present continuing challenges to future ornamental nursery product production, but the industry remains strong and resilient.

I wish to express my sincere appreciation to each of the producers and individuals who provided information for this report. My thanks are extended to the skilled and dedicated staff of this department who continue to do an excellent job in compiling these important statistics.

Respectfully submitted,

Kurt E. Floren Agricultural Commissioner/ Director of Weights and Measures

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.

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## MILLION DOLLAR COMMODITIES

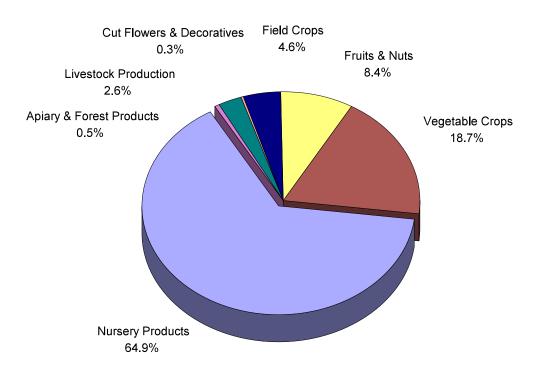
1.	Ornamental Trees and Shrubs	\$107,866,000
2.	Bedding Plants	30,631,000
3.	Dry Onions	28,866,000
4.	Root Vegetables	18,000,000
5.	Orchard Fruit	17,455,000
6.	Alfalfa Hay	8,858,000
7.	Dairy & Livestock	7,319,000
8.	Ground Covers	6,731,000
9.	Indoor Plants, Flowering	5,283,000
10.	Indoor Plants, Foliage	4,331,000
11.	Strawberries	3,303,000
12.	Herbs	2,432,000
13.	Rangeland	2,400,000
14.	Vine Crops	1,504,000
15.	Grain Hay	1,243,000
16.	Apiary	1,223,000

## SUMMARY

Commodity	2003	2004	2005
Nursery Products	*179,289,000	\$192,600,000	\$180,325,000
Cut Flowers and Decoratives	667,000	1,091,000	820,000
Fruits and Nuts	18,637,000	19,080,000	23,274,000
Vegetable Crops	*59,245,000	*51,858,000	51,980,000
Field Crops	8,535,000	9,327,000	12,860,000
Livestock Production	8,249,000	7,651,000	7,319,000
Apiary	767,000	303,000	1,223,000
Forest Products	8,000	7,000	43,000
TOTAL	<u>*\$275,397,000</u>	<u>*\$281,917,000</u>	<u>\$277,844,000</u>

\* Revised

### Year 2005 Crop Value Summary Total Value: \$277,844,000



## NURSERY PRODUCTS

Item	Year	Green House Square Feet	Field Acres	Total Value	
Ornamental Trees	2005	3,039,000	1,583	\$107,866,000	▼
	2004	7,747,000	1,713	119,666,000	
<b>Bedding Plants</b>	2005	1,862,000	140	\$30,631,000	▼
	2004	1,794,000	177	38,586,000	
Indoor Plants, Flowering	2005	719,000	6	\$5,283,000	▼
	2004	821,000	6	5,392,000	
Indoor Plants, Foliage	2005	470,000	6	\$4,331,000	
	2004	561,000	1	3,332,000	
	2005		24	ec 721 000	•
Ground Covers	2005	980,000	34	\$6,731,000	-
	2004	391,000	28	4,080,000	
Miscellaneous *	2005	151,000	1,401	\$25,483,000	
	2004	505,000	1,149	21,544,000	

\* Includes perennials, vegetable plants, bonsai plants, orchids, sod, palm trees, and cacti.

TOTAL	2005	7,221,000	3,170	\$180,325,000	▼
	2004	11,819,000	3,074	192,600,000	

## CUT FLOWERS & DECORATIVES

Item	Year	Green House Square Feet	Field Acres	Total Value	
Miscellaneous *	2005	67,000	86	\$820,000	▼
	2004	137,000	104	1,091,000	

\* Includes lilacs, pompoms, freesias, fruit blossoms, mums, snapdragons, yarrow, delphiniums, Christmas trees, and other miscellaneous.

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value	
Strawberries	2005	121	11.6	1,407	Ton	\$2,348	\$3,303,000	
	2004	101	17.9	1,808		1,276	2,307,000	
Avocados	2005	101	1.0	101	Ton	\$1,204	\$122,000	
	2004	59	1.2	71		1,454	103,000	
Cherries	2005	150	0.7	105	Ton	\$3,800	\$399,000	▼
	2004	140	0.8	112		3,800	426,000	
Apples	2005	150	5.3	795	Ton	\$1,200	\$954,000	
	2004	150	5.0	750		900	675,000	
Grapes	2005	325	3.6	1,186	Ton	\$811	\$962,000	
	2004	225	2.7	608		1,450	882,000	
Orchard Fruit	2005	1,073		nes, peaches, po	-	-	\$17,455,000	
	2004	1,072	tangerines, apricots, lemons, and grapefruits.				14,645,000	
Miscellaneous	2005	30	Includes figs, pistachios, raspberries, other \$79,000					
	2004	27	miscellaneous fruit, and nut crops. 42			42,000		
TOTAL	2005	1,950					\$23,274,000	
	2004	1,774					19,080,000	

## FRUIT & NUT CROPS

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value	
Dry Onions	2005	2,677	29.0	77,614	Ton	\$372	\$28,866,000	
	2004	2,891	27.5	79,502		286	22,738,000	
Root	2005	5,361	Includes carrots		hes, beet	s, turnips,	\$18,000,000	▼
Vegetables	2004	7,403	and other root v	and other root vegetables. *24,865,000				
Herbs	2005	167	Includes cilantro, parsley, chives, mint, thyme, and other herb vegetables. <b>\$2,432,000</b>					
	2004	80						
Table Greens	2005	50	Includes spinach, kale, oriental specialities, and \$398,000				▼	
	2004	85	lettuce.				610,000	
Vine Crops	2005	134	Includes cucum	-			\$1,504,000	
	2004	175	squash, tomatoe	s, watermelons,	and zucc	chini.	1,382,000	
Miscellaneous	2005	384	Includes bell pe				\$780,000	
	2004	150	corn, green onions, Mexican onions, and other					
TOTAL	2005	8,773					\$51,980,000	
	2004	10,784					*51,858,000	
* D ' 1								

# VEGETABLE CROPS

\* Revised

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value	
Alfalfa Hay	2005	5,521	8.7	47,874	Ton	\$185	\$8,858,000	
	2004	5,746	8.2	47,117		135	6,361,000	
Grain Hay	2005	2,694	3.4	9,073	Ton	\$137	\$1,243,000	
	2004	2,370	3.2	7,584		88	667,000	
Rangeland	2005	200,000					\$2,400,000	
	2004	200,000					2,000,000	
Miscellaneous	2005	1,381	*				** \$359,000	
	2004	774	*				** 299,000	
TOTAL	2005	9,596	***				\$12,860,000	
	2004	8,890	***				9,327,000	

## FIELD CROPS

\* Acreage excludes stubble.

**\*\*** Value includes irrigated pasture, sudan hay, oat hay, and grazing privileges on stubble.

**\*\*\*** Excluding rangeland and stubble.

## DAIRY & LIVESTOCK

Item	Year		<b>Total Value</b>	
	2005	Includes dairy cattle, beef cattle, hogs, goats, chickens, milk,	\$7,319,000	▼
	2004	goat milk, eggs, etc.	7,651,000	

Item	Year	Production	Unit	Value Per Unit	Total Value	
Honey	2005	1,349,760	Lb.	\$0.82	\$1,106,000	
	2004	160,627		1.73	278,000	
Beeswax	2005	14,141	Lb.	\$1.56	\$22,000	
	2004	11,000		2.00	22,000	
Miscellaneous	2005				\$95,000	
	2004				3,000	
TOTAL	2005				\$1,223,000	
	2004				303,000	

## APIARY

## FOREST PRODUCTS

Item	Year	Total Value
Firewood *	2005	\$43,000
	2004	7,000

\* Figures obtained from USDA Forest Services, Angeles National Forest.

## SUSTAINABLE AGRICULTURE REPORTING

## Organic Farming Statistics

		Estimated Acres
<u>Crops</u>	<u>2005</u>	<u>2004</u>
Apples	1	1
Apricots	6	7
Avocados	8	2
Cantaloupes	1	0
Cherries	1	3
Citrus	5	23
Grapes	27	28
Herbs (including sprouts)	23	5
Peaches	10	14
Pears	3	0
Persimmons	2	0
Pomegranates	2	0
Miscellaneous	0	5
Vegetables	19	29
TOTAL	<u>108</u>	<u>117</u>

Year	Farms	Acres
2005	15	108
2004	14	117

# PEST DETECTION ACTIVITIES

Pest	Number of Traps Pest Detection	Specimens Trapped	
Mediterranean Fruit Fly	5,010	3	
Melon Fly	4,994	0	
Oriental Fruit Fly	4,994	6	
Mexican Fruit Fly	4,973	2	
Guava Fruit Fly	4,994	9	
Gypsy Moth	3,700	2	
Japanese Beetle	3,080	6	
Khapra Beetle	297	0	
European Pine Shoot Moth	13	0	
European Corn Borer	12	0	
TOTAL	<u>32,067</u>	<u>28</u>	

## PEST ERADICATION ACTIVITIES

Pest	Method	Scope of Program
Guava Fruit Fly	Male annihilation	2 treatment areas
Mediterranean Fruit Fly	Continued preventative program: sterile Medfly release countywide	Approximately 12.2 billion steriles released
Red Imported Fire Ant	Bait treatments	116 properties

# **BIOLOGICAL CONTROL ACTIVITIES**

Pest

#### Agent/Mechanism

#### **Scope of Program**

Mediterranean Fruit Fly

Sterile Release

12,208,458,960 sterile Medflies released

## PEST EXCLUSION ACTIVITIES

Pest Exclusion Violations	Number of Violations Issued
Infested/Presumed Infested	482
Markings	43
Failure to Hold	24
Burrowing and Reniform Nematodes	6
Caribbean Fruit Fly	14
Citrus Pests	12
Commercially Unclean	1
European Corn Borer	1
European Pine Shoot Moth	1
Federal Foreign Quarantines	3
Federal (Hawaiian) Quarantine	1
Federal (Puerto Rico) Quarantine	1
Imported Fire Ant	6
Mishandling	1
Misuse/Nursery Stock Certificate	1
Reasonable Cause to Presume Infested	4
Sudden Oak Death	3
Unauthorized Movement	1
Walnut and Pecan Pests	1
Weed Pests	4
West Indian Sugarcane Root Borer	5

#### TOTAL

<u>615</u>

<u>Pest Intercepted</u> Common Name/ <i>Genus species</i>	<u>Material</u>	<u>Source*</u>	<u>Scope of Program</u> Pest Interceptions
Albopicta scale Acutaspis albopicta	Cut foliage	Quar	2
Apple snail <i>Pomacea sp</i> .	Cut foliage	Quar	2
Armored scale Pseudischnaspis bowreyi	Cut foliage	Quar	1
Bark beetle <i>Xyloborus sp</i> .	Orchid	Quar	1
Big headed ant Pheidole megacephala	Cut foliage	Quar	21
Boxwood scale Pinnaspis buxi	Cut foliage	Quar	30
California red scale Aonidiella auranti	Cycad	Nurs	1
Chaff scale Parlatoria pergandii	Citrus	Nurs	2
Chinese rose beetle Adoretus sinicus	Cut foliage	Quar	8
Citrus leafminer Phyllocnistis citrella	Citrus	Nurs/Pub	3
Coconut mealybug Nipaecoccus sp.	Palm	Nurs	7
Coconut scale Aspidiotus destructor	Cut foliage	Quar	15
Cricket Trigonidomorpha sjostedti	Dracaena	Quar	2
Croton whitefly Orchamoplatus mammaeferus	Cut foliage	Quar	2
Cycad aulacaspis scale Aulacaspis yasumatsui	Cycad	Quar	17
Diaprepes root weevil Diaprepes abbreviatus	Coral tree	Pub	2
Eucalyptus leaf beetle Chrysophtharta m-fuscum	Eucalyptus	Pub	1

<u>Pest Intercepted</u> Common Name/ <i>Genus species</i>	<u>Material</u>	<u>Source*</u>	<u>Scope of Program</u> Pest Interceptions
Fig wax scale Ceroplastes rusci	Palm	Quar	4
Glassy scale Inglisia vitrea	Bay leaves	Quar	1
Glassy-winged leafhopper Homalodisca coagulata (adults)	Nursery plants	Nurs	367
Glassy-winged leafhopper Homalodisca coagulata (eggs)	Nursery plants	Nurs	528
Great southern white <i>Ascia monuste</i>	Cycad	Quar	1
Green garden looper Chrysodeixis eriosoma	Cut foliage	Quar	11
Green shield scale Pulvinaria psidii	Nursery plants	Nurs	5
Hopper Protalebrella brasiliensis	Cut foliage	Quar	8
Katydid Conocephalus saltator	Cut foliage	Quar	4
Katydid Phaneroptera furcifera	Cut foliage	Quar	2
Leafhopper Agallia sp.	Cut foliage	Quar	79
Leafhopper Gyponana germari	Cut foliage	Quar	16
Lesser snow scale Pinnaspis strachani	Cut foliage	Quar	8
Limacodid moth Darna pallivitta	Palm	Quar	1
Little fire ant <i>Wasmannia auropunctata</i>	Ginger Sweet potato	Quar	3
Long horned beetle Sybra alternans	Cut foliage	Quar	3
Long-legged ant Anoplolepis gracilipes	Cut foliage	Quar	4

Pest Intercepted Common Name/Genus species	<u>Material</u>	<u>Source*</u>	<u>Scope of Program</u> Pest Interceptions
Lygaeid bug Nysius sp.	Cut foliage	Quar	66
Magnolia white scale Pseudaulacaspis cockerelli	Cut foliage	Quar	79
Pacific beetle cockroach Diploptera punctata	Cut foliage	Quar	3
Pickle worm Diaphania nitidalis	Cucumber	Quar	17
Planthopper Kallitaxila granulata	Cut foliage	Quar	38
Planthopper Melormenis antillarum	Basil	Quar	4
Purple scale Lepidosaphes beckii	Citrus	Quar	1
Pyriform scale Protopulvinaria pyriformis	Nursery plants	Nurs	3
Red wax scale Ceroplastes rubens	Cut foliage	Quar	6
Rufous scale Selenaspidus articulatus	Cut foliage	Quar	12
Slant-faced grasshopper Atractomorpha sinensis	Basil	Quar	8
Slug Meghimatium striatum	Dracaena	Quar	3
Slug Veronicella sp.	Cut foliage	Quar	17
Snail Bradybaena similaris	Cut foliage	Quar	13
Snail Zachrysia provisoria	Palm	Quar	2
Soil mealybug Geococcus coffeae	Palm	Quar	1
Soil mealybug Rhizoecus americanus	Palm	Quar	1

<u>Pest Intercepted</u> Common Name/ <i>Genus species</i>	<u>Material</u>	<u>Source*</u>	<u>Scope of Program</u> Pest Interceptions
Soil mealybug Rhizoecus hawaiiensis	Palm	Quar	1
Soil mealybug Rhizoecus hibisci	Palm	Quar	3
Spiraling whitefly <i>Aleurodicus dispersus</i>	Cut foliage	Quar	143
Stellate scale Vinsonia stellifera	Cut foliage	Quar	16
Striped mealybug Ferrisia sp.	Nursery plants Cut foliage	Quar/Nurs	2
Sweet potato weevil <i>Cylas formicarius</i>	Sweet potato	Quar	3
Taro planthopper Tarophagus colocasiae	Cut foliage	Quar	1
Thrips <i>Liothrips sp</i> .	Tamarind	Quar	1
Tropical fire ant Solenopsis geminata	Basil	Quar	3
Tropical palm scale Hemiberlesia palmae	Bay leaves	Quar	1
West Indian flatid Melormenis antillarum	Cut foliage	Quar	3
Whitefly <i>Aleurocerus sp.</i>	Cut foliage	Quar	2
Whitefly Aleurotrachelus sp.	Cut foliage	Quar	6
White footed ant <i>Technomyrmex albipes</i>	Cut foliage	Quar	80
TOTAL			<u>1,701</u>
Source* : Nurs: Nursery I	Pub: Public Quar: Qua	arantine	



Greenhouses 1969



Front Entrance 2006



Overview of Nursery 2003



HORTICULTURAL CRAFTSMEN SINCE 1926

Our County has lost its oldest and largest contiguous nursery acreage to urbanization. Our Department has valued the 80-year relationship with Monrovia Growers. Many residents and visitors will miss the view from the hilltop - the mosaic patchwork of color that epitomizes the nursery industry.

Los Angeles County has been home to Monrovia Growers since its founding in 1926 when Harry Rosedale pioneered the concept of growing plants in containers rather than planting them in the ground and uprooting for sale. His innovation in growing plants entirely in "cans" was a significant development and Monrovia quickly set itself apart from its competitors.

Today, with over 2,200 plant varieties and five growing locations nationwide, Monrovia is one of the world's largest producers of container-grown plants, shipping millions of plants annually. The company has introduced hundreds of patented plants, 300 of which are Monrovia exclusives. Monrovia produces more than 22 million plants each year at its nurseries in Visalia, CA; Dayton, OR; Springfield, OH; La Grange, NC; and Cairo, GA.

In 1954, when Monrovia moved the nursery to Azusa from its original location in the city of Monrovia, this area was primarily agricultural, with numerous commercial nurseries and citrus groves. By the 1990's, Monrovia remained the only agricultural entity in a community that had grown tremendously in population. The nursery was surrounded by homes, a college, and shopping centers.

In September 2004, Monrovia completed the sale of the 500-acre nursery property in Azusa. It has been approved for development of 1,250 homes and 50,000 square feet of retail shopping. There will also be a school, numerous parks, a community recreation center and a transit center for the future Foothill expansion of the Metro Gold Line.

### Acknowledgments

We sincerely thank Monrovia Growers and Katie Bloome for the article and permission to publish photographs of the nursery. A special word of thanks to all who assisted in creating this edition of the crop report: Inspectors Cynthia Werner and Christine Belden for their photographs; Inspectors Erineo Ada, Christine Belden, Tom Herrera, Gary Mork, Michael Sium, Adrian Zavala, Deputy Agricultural Commissioner/Sealer Jim Wiseman, and the Entomology Laboratory Staff, Dr. Gevork Arkelian and Sonya Carlos, who assisted in gathering and compiling the statistics; Administrative Assistant Karen Wong, who generated the completed statistical report and layout. Particular thanks to Richard G. Sokulsky, Deputy Agricultural Commissioner, for supervising the completion of this year's report.



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