



RIVERSIDE COUNTY
2007
AGRICULTURAL
PRODUCTION REPORT



On the front cover: Our cover this year represents a special tribute to the beekeeping industry in Riverside County and the important role bees play in crop pollination and honey production.

The front cover depicts a honeybee collecting pollen and nectar from a Washington Navel orange tree in Riverside. The back cover depicts a recently discovered swarm that colonized a local palm tree in the downtown Riverside area. It was estimated that the colony had been there for at least a year before it was removed.

Riverside County is perennially in the top 5 counties in Honey production and the top 15 counties in Pollination services statewide. At one time, the county was home to more beekeepers than any other county in the state. However, with the loss of open land to urban development and the loss of first and second generation beekeeping families, the number of bee colonies kept in the county has steadily declined.

The charts and graphs on pages 20-23 of this report highlight some of the changes that have occurred in the beekeeping industry in this county during the last 65 years. Beekeeping is a cyclical business that is intimately connected with the ever changing weather conditions. These changes are highlighted in the varying number of colonies kept in the county and the yearly spikes and drops in honey production. The only constant seems to be the continual increase in fees for pollination services as the importance of bees to crop production continues to increase.



JOHN SNYDER

Agricultural Commissioner
Sealer of Weights & Measures

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

The Honorable Board of Supervisors of Riverside County
Roy Wilson, Chairman, District IV

Bob Buster, District I
John Tavaglione, District II

Jeff Stone, District III
Marion Ashley, District V

I am pleased to submit the 2007 Agricultural Production Report for the acreage, yield, and gross valuation of agricultural crops and livestock in Riverside County.

This year's Agricultural Production Report represents a total gross valuation of \$1,257,578,800, which is an increase of \$155.1 Million (14.1%) from the 2006 gross value. It also represents a new record, surpassing the previous value of 1,199,506,700 set in 1998. The gross value for **Agricultural Crops** was \$918,640,200, an increase of \$51.1 Million (5.9%) from the previous year. The gross value of **Livestock and Poultry** production was \$338,938,600, an increase of \$104.0 Million (44.3%) from the 2006 value.

For the fifth year in a row, **Nursery Stock** ranked as the top valued crop in the county. **Nursery** production values increased \$1.3 Million (0.5%) from last year to 272.3 Million, while **Milk** production values increased \$62.8 Million (40.1%) to 219.7 Million to remain in second place. Rounding out the top five crops in the County, **Table Grapes** decreased \$8.4 Million (7.9%) to \$97.2 Million, **Egg** values increased 37.1 Million (69.3%) to \$90.7 Million and **Hay** values increased 20.2 Million (41.1%) to 69.4 Million.

Despite several crop disasters (Freeze in January, Wind and Fire in October, and the Drought throughout the year), overall production values in the County set a new all time high, primarily on the strength of record or near record prices for Milk, Eggs, and Hay. While some crops experienced strong prices, the production yields on others were significantly lower, due in part to the wild weather. However, Agriculture in Riverside County remains both resilient and diverse in response to ever changing market dynamics.

It must be emphasized that this report reflects a gross return only and in no way represents a measure of profit or loss to producers. Leading agricultural economists agree that every dollar received by agriculturalists in Riverside County in 2007, has the financial impact of three and a half times that amount. Therefore, the total value of **\$1,257,578,800** represents a financial impact of more than **\$4,401,525,800** into the local and regional economy.

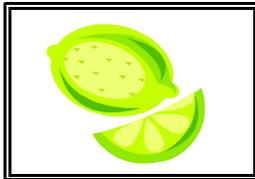
I wish to express my sincere appreciation to the producers, processors, and agencies that have generously provided the information necessary for the compilation of this report. I would also like to sincerely thank and recognize all of the members of my staff for their contributions toward the preparation of this report, with particular thanks and gratitude to Deputy Agricultural Commissioner/Sealer Bill Oesterlein for his leadership of this annual endeavor.

Respectfully submitted,

John Snyder
Agricultural Commissioner
Sealer of Weights & Measures

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CITRUS CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Value		
				Per Acre	Total	Unit	Per Unit	Total
Grapefruit-Red	2007	4,028	3,998	923	3,690,154	34 lbs	7.20	26,569,100
By-Products	2007			178	711,644		0.42	298,900
Grapefruit-Red	2006	3,552	3,552	964	3,424,128	34 lbs	7.93	27,153,300
By-Products	2006			288	1,022,976		0.67	685,400
Grapefruit-Ruby	2007	1,979	1,979	888	1,757,352	34 lbs	7.61	13,373,400
By-Products	2007			191	377,989		0.83	313,700
Grapefruit-Ruby	2006	1,779	1,779	837	1,489,023	34 lbs	7.69	11,450,600
By-Products	2006			285	507,015		0.71	360,000
Grapefruit-Other*	2007	530	530	417	221,010	34 lbs	8.35	1,845,400
By-Products	2007			196	103,880		0.24	24,900
Grapefruit-Other*	2006	528	528	434	229,152	34 lbs	7.90	1,810,300
By-Products	2006			138	72,864		0.57	41,500
Lemons	2007	6,413	6,073	322	1,955,506	38 lbs	18.30	35,785,800
By-Products	2007			57	346,161		1.10	380,800
Lemons	2006	6,218	6,171	643	3,967,953	38 lbs	9.56	37,933,600
By-Products	2006			205	1,265,055		1.38	1,745,800
Miscellaneous**	2007	64	64	6.14	393	tons	450.00	176,800
By-Products	2007			0.00	0	tons	0.00	-
Miscellaneous**	2006	64	64	6.14	393	tons	450.00	176,800
By-Products	2006			0.00	0	tons	0.00	-
Oranges-Navel	2007	1,394	1,394	480	669,120	37.5 lbs	18.72	12,525,900
By-Products	2007			187	260,678		1.42	370,200
Oranges-Navel	2006	1,394	1,394	445	620,330	37.5 lbs	9.51	5,899,300
By-Products	2006			118	164,492		0.50	82,200
Oranges-Valencia	2007	2,477	2,435	207	504,045	37.5 lbs	16.15	8,140,300
By-Products	2007			201	489,435		2.62	1,282,300
Oranges-Valencia	2006	2,537	2,475	254	628,650	37.5 lbs	4.13	2,596,300
By-Products	2006			330	816,750		1.83	1,494,700
Royal Mandarins	2007	42	42	197	8,274	37.5 lbs	8.35	69,100
By-Products	2007			277	11,634		1.29	15,000
Royal Mandarins	2006	42	42	400	16,800	37.5 lbs	10.50	176,400
By-Products	2006			132	5,544		2.25	12,500
Tangelos	2007	601	597	424	253,128	30 lbs	17.15	4,341,100
By-Products	2007			101	60,297		1.20	72,400
Tangelos	2006	392	392	325	127,400	30 lbs	10.57	1,346,600
By-Products	2006			107	41,944		1.80	75,500
Tangerines	2007	1,873	1,760	637	1,121,120	25 lbs	13.72	15,381,800
By-Products	2007			191	336,160		1.25	420,200
Tangerines	2006	2,062	1,949	653	1,272,697	25 lbs	11.17	14,216,000
By-Products	2006			219	426,831		1.50	640,200
TOTAL	2007	19,401	18,872					\$121,387,100
	2006	18,568	18,346					107,897,000

* Includes: White, Star

** Includes: Oranges (Blood), Kumquats, Limes.



TREE AND VINE CROPS

	Year	Planted Acreage	Harvested Acreage	Production			Value	
				Per Acre	Total	Unit	Per Unit	Total
Apples	2007	50	0	No Harvest due to frost				-
	2006	63	63	40	2,520	40 lbs	4.00	10,100
Apricots	2007			Miscellaneous				-
	2006	14	14	200	2,800	20 lbs	15.00	42,000
Avocados	2007	8,192	8,190	258	2,113,020	26 lbs	22.88	48,345,900
	2006	7,501	7,428	291	2,161,548	26 lbs	18.33	39,621,200
Cherries	2007	31	0	No Harvest due to frost				-
	2006	29	29	275	7,975	18 lbs	35.00	279,100
Dates	2007	7,373	4,850	4.05	19,643	tons	1,550.00	30,445,900
Culls	2007			0.28	1,358	tons	60.00	81,500
Dates	2006	7,425	5,410	4.50	24,345	tons	1,580.00	38,465,100
Culls	2006			0.36	1,948	tons	55.00	107,100
Grapes - Table*	2007	9,570	9,216	Listed by Variety below.				104,635,100
(Total)	2006	10,299	8,150					105,524,300
Beauty Seedless	2007	116	116	702	81,432	18 lbs	24.47	1,992,600
	2006	163	163	667	108,721	18 lbs	19.49	2,119,000
Exotic	2007	13	13	325	4,225	18 lbs	6.46	27,300
	2006	25	12	450	5,400	18 lbs	24.00	129,600
Flame Seedless	2007	4,600	4,562	762	3,476,244	18 lbs	16.17	56,210,900
	2006	4,011	3,900	661	2,577,900	18 lbs	19.70	50,784,600
Perlette	2007	776	776	618	479,568	18 lbs	22.56	10,819,100
	2006	937	937	519	486,303	18 lbs	19.18	9,327,300
Thompson Seedless	2007	1,195	1,195	442	528,190	18 lbs	12.12	6,401,700
	2006	1,239	1,239	523	647,997	18 lbs	17.89	11,592,700
Other Varieties	2007	2,870	2,554	683	1,744,382	18 lbs	16.73	29,183,500
	2006	3,985	1,899	734	1,393,866	18 lbs	22.65	31,571,100
Grapes - Wine	2007	2,336	2,000	1.70	3,400	tons	1,184.00	4,025,600
	2006	1,548	1,500	2.40	3,600	tons	1,111.00	3,999,600
Jojoba	2007	110	10	253	2,530	1 lbs	6.00	15,200
	2006	105	5	300	1,500	1 lbs	11.50	17,300
Miscellaneous**/***	2007	610	399	2.14	853	tons	1,328.00	1,132,500
	2006	394	198	16	3,109	tons	858.00	2,667,200
Peaches	2007	110	110	297	32,670	22 lbs	16.10	526,000
	2006	71	71	426	30,246	22 lbs	13.53	409,200
Pears	2007	20	0	No Harvest due to frost				-
	2006	21	21	90	1,890	22 lbs	16.00	30,200
Persimmons	2007	15	15	350	5,250	24 lbs	15.00	78,800
	2006	31	31	400	12,400	24 lbs	12.00	148,800
TOTAL	2007	28,417	24,790					\$189,286,500
	2006	27,501	22,920					191,321,200

* Harvested Acreage supplied by the California Desert Grape Administrative Committee.

** Includes: Apricots, Guava, Figs, Mangoes, Olives, Plums, Pomegranates, Walnuts, Other (Riv).

*** No Harvest (Cherimoya, Grapes, Table, Jujube, Longans, Lychees, Nectarines, Pistachio).



VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Artichokes	2007	677	468	316,836	23 lbs	17.46	5,532,000
	2006	677	475	321,575	23 lbs	15.00	4,823,600
Beans-Green	2007	853	385	328,405	30 lbs	18.64	6,121,500
	2006	884	385	340,340	30 lbs	18.00	6,126,100
Broccoli	2007	2,874	528	1,517,472	23 lbs	7.87	11,942,500
	2006	3,380	483	1,632,540	23 lbs	7.67	12,521,600
Cabbage	2007	132	453	59,796	50 lbs	5.28	315,700
	2006	314	714	224,196	50 lbs	5.22	1,170,300
Carrots	2007	1,964	28	54,992	tons	130.00	7,149,000
	2006	1,775	800	1,420,000	48 lbs	7.50	10,650,000
Cauliflower	2007	1,291	762	983,742	23 lbs	10.03	9,866,900
	2006	969	632	612,408	23 lbs	6.48	3,968,400
Celery	2007	331	1,461	483,591	60 lbs	9.45	4,569,900
	2006	307	1,025	314,675	60 lbs	8.25	2,596,100
Corn-Sweet	2007	2,437	317	772,529	45 lbs	7.60	5,871,200
	2006	2,334	345	805,230	45 lbs	8.11	6,530,400
Eggplant	2007	477	851	405,927	20 lbs	8.64	3,507,200
	2006	416	750	312,000	20 lbs	10.50	3,276,000
Lettuce Head	2007	1,148	493	565,964	50 lbs	8.31	4,703,200
	2006	1,959	644	1,261,596	50 lbs	7.29	9,197,000
Loose Leaf	2007	1,634	997	1,629,098	22 lbs	8.41	13,700,700
	2006	1,620	825	1,336,500	22 lbs	7.65	10,224,200
Romaine	2007	2,582	895	2,310,890	35 lbs	8.84	20,428,300
	2006	1,072	806	864,032	35 lbs	7.45	6,437,000
Melons Cantaloupe	2007	912	733	668,496	40 lbs	5.07	3,389,300
	2006	1,528	498	760,944	40 lbs	5.51	4,192,800
Honeydew	2007	1,394	858	1,196,052	29 lbs	4.55	5,442,000
	2006	449	488	219,112	29 lbs	5.49	1,202,900
Miscellaneous	2007	650	9.0	5,850	tons	379.00	2,217,200
	2006	1,752	8.0	14,016	tons	448.00	6,279,200
Watermelon	2007	1,621	41.0	66,461	tons	119.00	7,908,900
	2006	1,338	19.6	26,225	tons	233.00	6,110,400



VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Miscellaneous*	2007	2,647	10.80	28,588	tons	484.00	13,836,400
	2006	2,515	10.09	25,376	tons	617.00	15,657,200
Onions-Dry	2007	342	1,250	427,500	50 lbs	6.25	2,671,900
	2006	254	1,275	323,850	50 lbs	6.50	2,105,000
Oriental Vegetables	2007	2,883	8.67	24,996	tons	1,045.00	26,120,400
	2006	1,153	771	888,963	28 lbs	13.16	11,698,800
Peppers							
Bell	2007	4,469	860	3,843,340	30 lbs	12.50	48,041,800
	2006	4,482	1,108	4,966,056	30 lbs	12.50	62,075,700
Potatoes							
Fall	2007	495	176	87,120	100 lbs	17.97	1,565,500
	2006	391	227	88,757	100 lbs	14.12	1,253,200
Spring	2007	2,124	302	641,448	100 lbs	15.02	9,634,500
	2006	2,330	191	445,030	100 lbs	18.78	8,357,700
Radishes	2007	258	900	232,200	35 lbs	4.65	1,079,700
	2006	301	850	255,850	35 lbs	4.85	1,240,900
Spices/Herbs	2007	1,054	1,150	1,212,100	28 lbs	4.25	5,151,400
	2006	511	1,200	613,200	28 lbs	4.25	2,606,100
Spinach	2007	1,083	831	899,973	30 lbs	8.53	7,676,800
	2006	616	1,035	637,560	30 lbs	8.75	5,578,700
Squash, All	2007	379	14.50	5,496	tons	268.00	1,472,800
	2006	235	8.56	2,012	tons	508.00	1,021,900
Strawberries	2007	280	989	276,920	12 lbs	8.62	2,387,100
	2006	362	1,117	404,354	12 lbs	10.79	4,363,000
Tomatoes	2007	287	559	160,433	20 lbs	15.90	2,550,900
	2006	133	1,118	148,694	20 lbs	16.00	2,379,100
TOTAL	2007	37,278					\$234,854,700
	2006	34,057					213,643,300

* Includes: Blueberries, Chinese Broccoli, Chinese Cabbage, Cilantro, Cucumbers, Endive, Escarole, Greens - Mixed, Leeks, Lettuce - Butter, Lettuce - Shred, Melon - Crenshaw, Okra, Parsley, Peppers - Chili, Pumpkins, Turnips, Other.



FIELD AND SEED CROPS

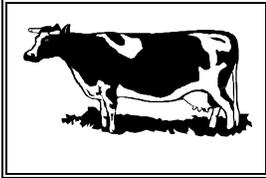
	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Cotton							
Short Staple	2007	15,300	3.28	50,184	500 lbs	250.00	12,546,000
	2006	13,110	3.63	47,589	500 lbs	250.00	11,897,300
Seed	2007		1.19	18,207	tons	200.00	3,641,400
	2006		1.26	16,519	tons	135.00	2,230,000
Grain							
Oat	2007		Miscellaneous				
	2006		No Harvest due to drought				
Wheat	2007	1,737	2.28	3,960	tons	213.00	843,600
	2006	9,350	0.54	5,049	tons	143.00	722,000
Hay							
Alfalfa	2007	45,351	8.50	385,484	tons	166.00	63,990,300
	2006	54,908	7.70	422,792	tons	103.00	43,547,500
Barley	2007		No Harvest due to drought				-
	2006	75	1.50	113	tons	140.00	15,800
Bermuda Grass	2007	1,104	7.60	8,390	tons	125.00	1,048,800
	2006	1,704	6.85	11,672	tons	98.00	1,143,900
Four Way	2007	2,013	3.00	6,039	tons	125.00	754,900
	2006		Miscellaneous				
Klein Grass	2007	2,288	8.50	19,448	tons	112.00	2,178,200
	2006	1,806	10.20	18,421	tons	112.00	2,063,200
Oat	2007	878	2.90	2,546	tons	161.00	409,900
	2006	1,915	1.52	2,911	tons	136.00	395,900
Sudan	2007	1,887	5.00	9,435	tons	113.00	1,066,200
	2006	3,319	5.16	17,126	tons	119.00	2,038,000
Wheat	2007		No Harvest due to drought				-
	2006	90	1.00	90	tons	85.00	7,700
Miscellaneous*	2007	271	2.60	705	tons	136.00	95,800
	2006	778	2.78	2,163	tons	175.00	378,500
Pasture-Irrigated	2007	15,660		15,660	acres	113.00	1,769,600
	2006	2,250		2,250	acres	120.00	270,000
Rangeland	2007	25,000		25,000	acres	5.00	125,000
	2006	30,000		30,000	acres	5.00	150,000



FIELD AND SEED CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Silage and Green Chop							
Alfalfa	2007	1,203	50.00	60,150	tons	37.00	2,225,600
	2006	942	50.00	47,100	tons	29.00	1,365,900
Barley	2007	Miscellaneous					
	2006	No Harvest due to drought					
Corn	2007	967	25.00	24,175	tons	50.00	1,208,800
	2006	666	24.00	15,984	tons	50.00	799,200
Oat	2007	131	11.00	1,441	tons	30.00	43,200
	2006	220	7.00	1,540	tons	34.00	52,400
Sorghum	2007	1,122	15.00	16,830	tons	63.00	1,060,300
	2006	630	23.40	14,742	tons	42.00	619,200
Sudan	2007	455	2.35	1,069	tons	45.00	48,100
	2006	No Harvest due to drought					
Wheat	2007	2,841	9.50	26,990	tons	45.00	1,214,500
	2006	3,410	7.90	26,939	tons	33.00	889,000
Seed							
Bermuda Grass	2007	Miscellaneous					
	2006	Miscellaneous					
Sugar Beets	2007	165	32.00	5,280	tons	42.00	221,800
	2006	138	1.0	138	tons	100	13,800
TOTAL	2007	118,373					\$94,492,000
	2006	125,311					68,611,700

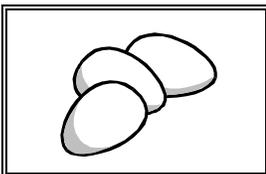
* Includes: Grain - Oat, Green Chop - Barley, Hay - Straw, Hay - Teffgrass, Seed - Bermuda Grass.



LIVESTOCK AND POULTRY

	Year	Number of Head	Total Liveweight	Unit	Value	
					Per Unit	Total
Cattle and Calves	2007	48,062	254,660	cwt	71.60	18,233,700
	2006	46,600	253,000	cwt	73.50	18,595,500
Sheep and Lambs	2007	29,800	37,300	cwt	96.00	3,580,800
	2006	23,900	15,700	cwt	86.00	1,350,200
Other Livestock*	2007			various		6,565,100
	2006			various		4,473,000
TOTAL	2007					\$28,379,600
	2006					24,418,700

* Includes Baby Chicks, Chickens, Ducks, Pheasants.

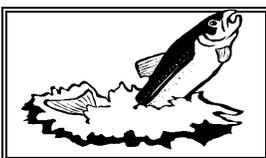


LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Value	
				Per Unit	Total
Eggs	2007	110,596,190	dozen	0.82	90,688,900
	2006	116,417,050	dozen	0.46	53,551,800
Milk*	2007	12,166,039	cwt	18.05	219,655,600
	2006	13,188,342	cwt	11.89	156,809,400
Other Products**	2007				214,500
	2006				123,500
TOTAL	2007				\$310,559,000
	2006				210,484,700

*Information Supplied by: California Agricultural Statistics Service. Includes Market and Manufactured.

**Includes Wool.



AQUACULTURE

	Year	Production	Unit	Value	
				Per Unit	Total
Catfish	2007	193,590	lbs	2.09	404,600
	2006	189,000	lbs	1.86	351,500
Miscellaneous*	2007		various		4,710,100
	2006		various		7,163,000
Tilapia	2007	2,076,881	lbs	2.27	4,714,500
	2006	2,010,150	lbs	1.99	4,000,200
Total	2007				\$9,829,200
	2006				11,514,700

* Includes Goldfish, Koi, Carp, Trout, Bass, Bluegill, Crappie, Crayfish.



NURSERY STOCK PRODUCTION

	Year	Acres	Production	Unit	Valuation
Ornamental Nursery Stock	2007	5,276	57,290,572	various	204,889,800
	2006	4,846	49,613,830	various	209,700,500
Cut Flowers and Cut Greens	2007	123	4,487,000	cuttings	3,239,400
	2006	284	5,167,750	cuttings	3,537,800
Ground Cover, Liners, Transplants	2007		Orn. Nursery Stock		
	2006		Orn. Nursery Stock		
Christmas Trees (cut)	2007	55	8,000	each	320,000
	2006	38	4,800	each	174,100
Turf	2007	4,901	212,822,400	square feet	52,726,500
	2006	5,420	218,093,024	square feet	49,281,400
Farm Planting Stock	2007	226	478,000	various	11,150,500
	2006	194	878,000	various	8,299,000
TOTAL	2007	10,581			\$272,326,200
	2006	10,782			270,992,800



APICULTURE

	Year	Production	Unit	Value Per Unit	Total
Honey	2007	382,404	lbs	0.88	336,500
	2006	1,387,440	lbs	0.88	1,220,900
Beeswax	2007	16,340	lbs	2.00	32,700
	2006	33,840	lbs	1.92	65,000
Queen Cells	2007	300	each	20.00	6,000
	2006	400	each	15.00	6,000
Fees Collected for Pollination	2007	25,710	colonies	139.00	3,573,700
	2006	22,400	colonies	101.00	2,262,400
Total Colonies	2007	28,970			
	2006	28,200			
TOTAL	2007				\$3,948,900
	2006				3,554,300

DISTRICT VALUATIONS - AGRICULTURAL CROPS

District	2003	2004	2005	2006	2007
Riverside/Corona	97,390,900	103,967,000	114,774,700	97,897,700	118,897,000
San Jacinto/Temecula Valley	164,934,800	182,021,700	174,613,400	184,517,700	194,148,400
Coachella Valley	405,575,900	416,373,900	503,523,700	483,174,000	486,898,900
Palo Verde Valley	91,978,200	96,535,100	99,360,000	90,534,900	112,961,900
Total Crop Valuation	\$759,879,800	798,897,700	892,271,800	856,124,300	912,906,200

ACREAGE STATISTICS

Crop	2003	2004	2005	2006	2007
Citrus	23,462	20,867	20,675	18,568	19,401
Tree and Vine	25,175	28,356	28,610	27,501	28,417
Vegetable, Melons, Misc.	35,216	26,075	35,615	34,057	37,278
Field and Seed	176,578	152,884	138,948	125,311	118,373
Total Planted Acreage	260,431	228,182	223,848	205,437	203,469

TOTAL VALUATION - F.O.B.

Crop	2003	2004	2005	2006	2007
Citrus	84,900,100	123,574,100	138,244,700	107,897,000	121,387,100
Tree and Vine	216,566,200	211,936,500	188,553,200	191,321,200	181,802,100
Vegetable, Melons, Misc.	179,001,900	174,866,300	261,019,500	213,643,300	234,854,700
Field and Seed	73,692,000	75,219,000	77,687,300	68,611,700	94,492,000
Nursery	205,846,300	211,271,200	229,210,200	270,992,800	272,326,200
Apiculture	3,520,600	2,951,300	2,736,800	3,554,300	3,948,900
Aquaculture	15,931,600	15,579,100	13,367,300	11,514,700	9,829,200
Total Crop	\$779,458,700	815,397,500	910,819,000	867,535,000	918,640,200
Livestock and Poultry	\$287,908,600	316,207,700	257,852,100	234,903,400	338,938,600
GRAND TOTAL	\$1,067,367,300	1,131,605,200	1,168,671,100	1,102,438,400	1,257,578,800

RIVERSIDE COUNTY LEADING AGRICULTURAL VALUATIONS

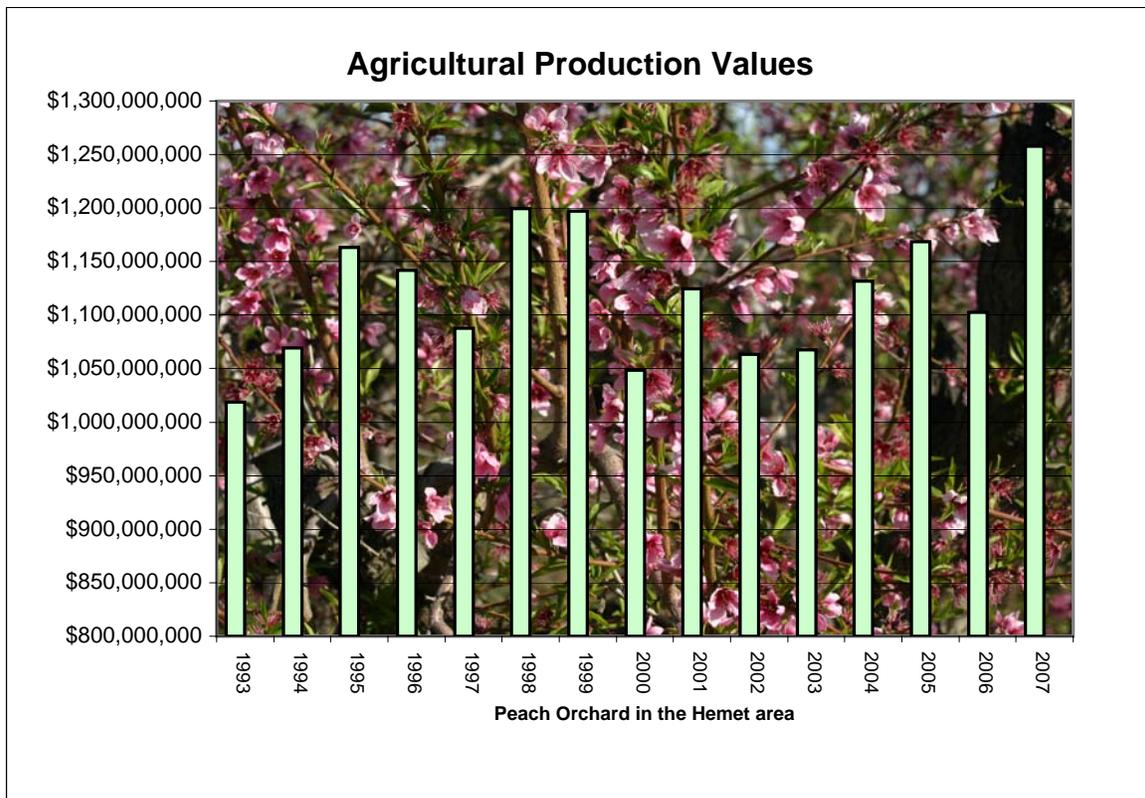
<u>2006</u>			<u>2007</u>		
1	Nursery Stock	\$ 270,992,800	1	Nursery Stock	\$ 272,326,200
2	Milk	156,809,400	2	Milk	219,655,600
3	Grapes, Table	105,524,300	3	Grapes, Table	97,150,700
4	Peppers, Bell	62,075,700	4	Eggs	90,688,900
5	Eggs	53,551,800	5	Hay	69,448,300
6	Hay	49,212,000	6	Avocados	48,345,700
7	Grapefruit	41,501,100	7	Peppers, Bell	48,041,800
8	Lemons	39,679,400	8	Grapefruit	42,425,400
9	Avocados	39,621,200	9	Lemons	36,095,600
10	Dates	38,572,200	10	Dates	30,527,400
11	Cattle/Calves	18,595,500	11	Oriental Vegetables	26,120,400
12	Tangerines/Mandarins	16,467,200	12	Lettuce, Romaine	20,428,300
13	Vegetable, miscellaneous	15,657,200	13	Tangerines/Mandarins	20,299,600
14	Cotton	14,139,700	14	Cattle/Calves	18,233,700
15	Broccoli	12,521,600	15	Cotton	16,187,400
16	Oriental Vegetables	11,698,800	16	Vegetable, miscellaneous	13,836,400
17	Aquaculture	11,514,700	17	Lettuce, Loose Leaf	13,700,700
18	Carrots	10,650,000	18	Oranges, Navel	12,896,100
19	Lettuce, Loose Leaf	10,224,200	19	Broccoli	11,942,500
20	Potatoes	9,610,900	20	Potatoes	11,200,000

CALIFORNIA'S LEADING AGRICULTURAL COUNTIES BY TOTAL VALUE OF PRODUCTION

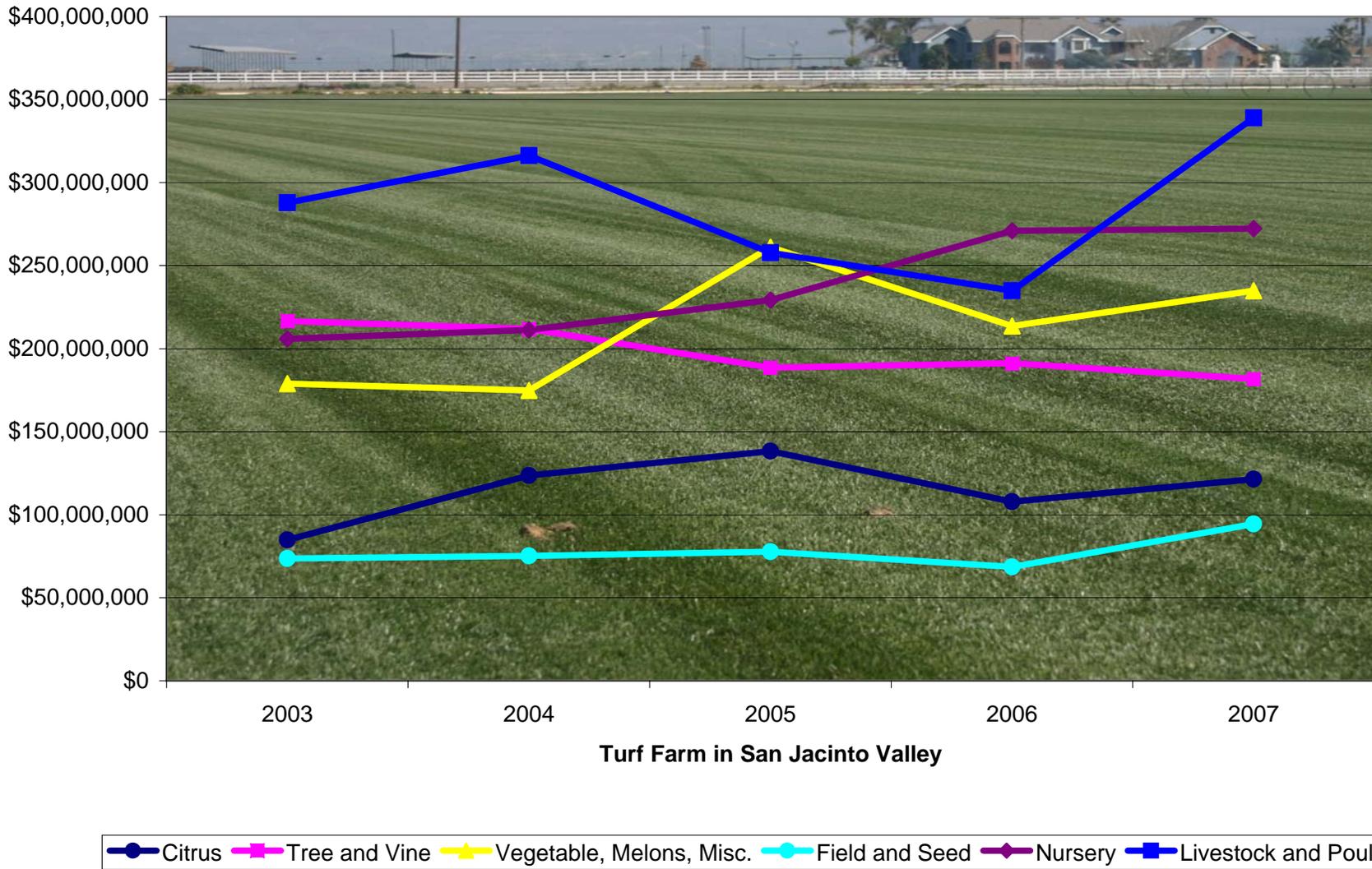
<u>RANK</u>	<u>COUNTY</u>	<u>2004</u>		<u>2005</u>		<u>2006</u>	
		<u>VALUE (\$)</u>	<u>COUNTY</u>	<u>VALUE (\$)</u>	<u>COUNTY</u>	<u>VALUE (\$)</u>	<u>COUNTY</u>
1	Fresno	4,688,550,000	Fresno	4,640,166,000	Fresno	4,843,392,000	
2	Tulare	4,037,351,000	Tulare	4,360,854,000	Tulare	3,870,843,000	
3	Monterey	3,397,907,000	Kern	3,546,925,000	Monterey	3,489,923,000	
4	Kern	3,142,481,000	Monterey	3,273,000,000	Kern	3,476,801,000	
5	Merced	2,365,494,000	Merced	2,388,058,000	Merced	2,284,457,000	
6	Stanislaus	1,978,434,000	Stanislaus	1,977,596,000	Stanislaus	2,148,152,000	
7	San Joaquin	1,613,037,000	San Joaquin	1,743,294,000	San Joaquin	1,684,871,000	
8	San Diego	1,461,873,000	San Diego	1,531,307,000	Ventura	1,505,588,000	
9	Ventura	1,387,004,000	Kings	1,407,091,000	San Diego	1,461,476,000	
10	Kings	1,196,890,000	Imperial	1,286,066,000	Imperial	1,307,615,000	
11	Imperial	1,187,254,000	Ventura	1,253,048,000	Kings	1,289,186,000	
12	Riverside	1,131,605,000	Riverside	1,168,537,000	Riverside	1,102,438,000	

RIVERSIDE COUNTY AGRICULTURAL PRODUCTION VALUES 1993-2007

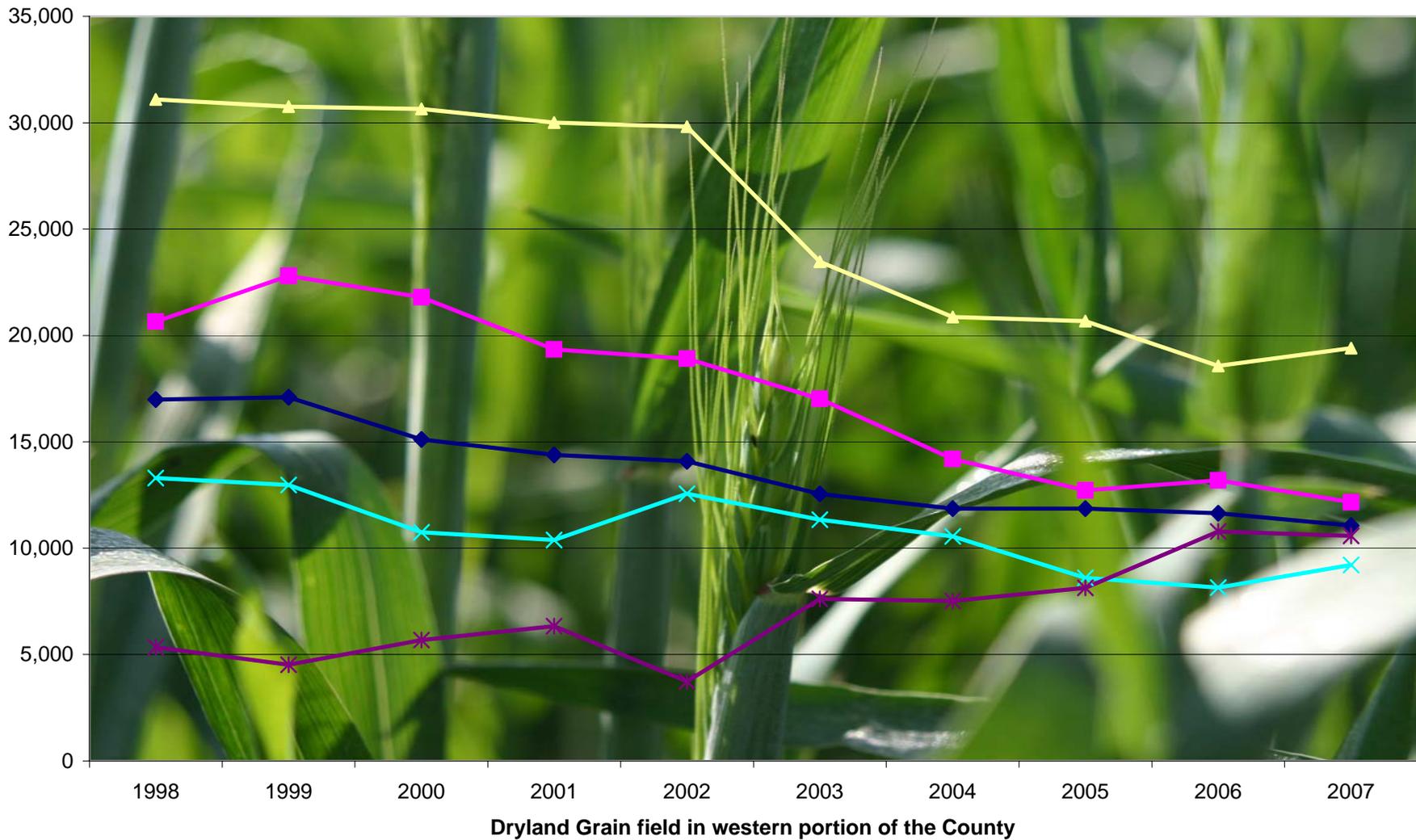
<u>YEAR</u>	<u>VALUE</u>	<u>STATE RANKING</u>
1993	\$1,018,641,000	9
1994	\$1,069,323,000	8
1995	\$1,163,430,300	7
1996	\$1,141,819,800	8
1997	\$1,087,920,000	9
1998	\$1,199,506,700	8
1999	\$1,197,362,000	9
2000	\$1,048,561,600	9
2001	\$1,124,908,400	9
2002	\$1,063,478,000	11
2003	\$1,067,367,300	12
2004	\$1,131,605,200	12
2005	\$1,168,671,100	12
2006	\$1,102,438,400	12
2007	\$1,257,578,800	



Agricultural Production Valuation by Crop Type 2003-2007



Major Crop Trends 1998-2007



◆ Eggs (doz. x 10,000)
 ■ Milk Production (cwt x 1000)
 ▲ Citrus Acreage
 ✕ Table Grape Acreage (Harv)
 ✱ Nursery Acreage

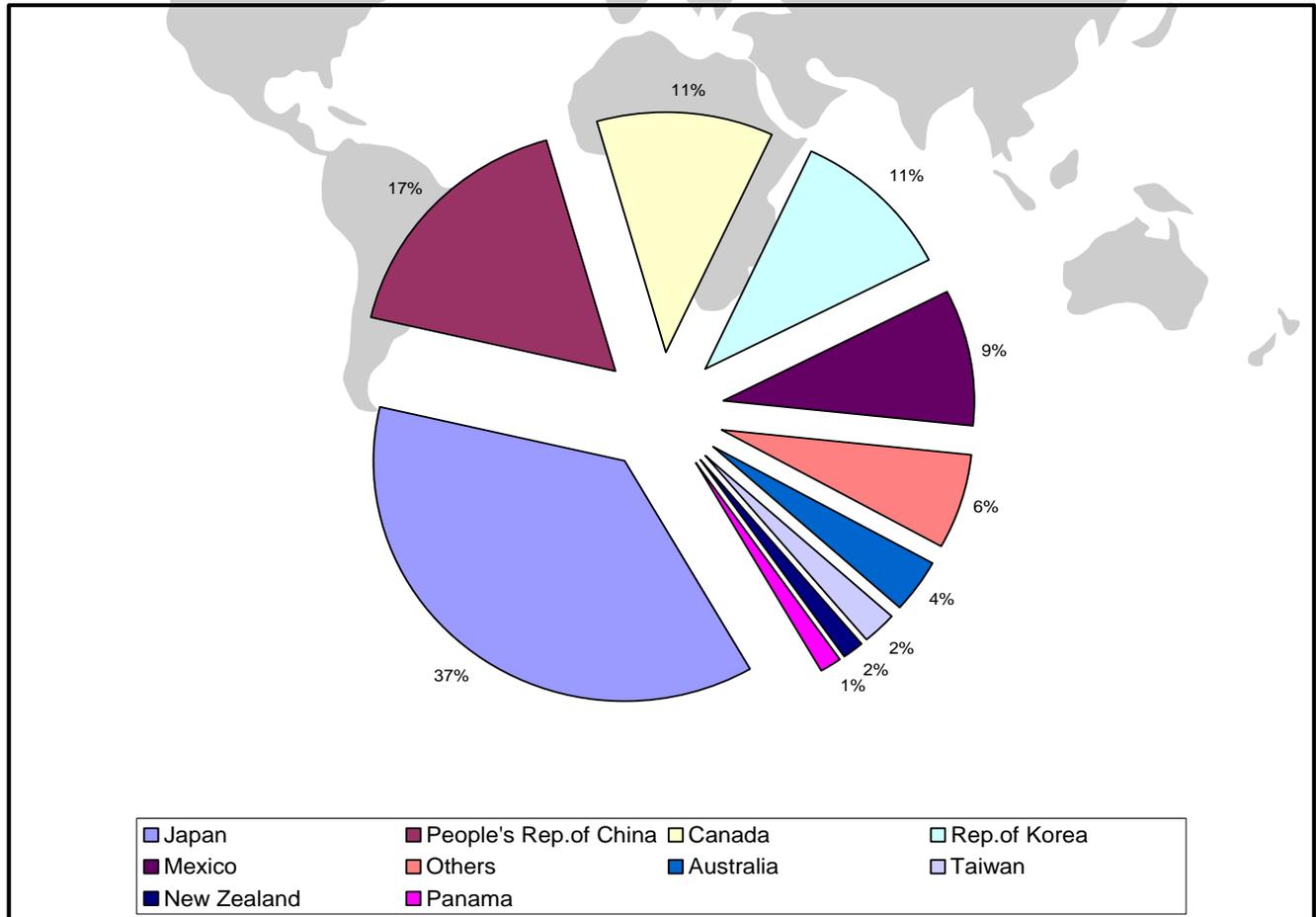
2007 Million Dollar Commodities

<u>2007 Rank</u>	<u>Commodity</u>	<u>2006 Rank</u>	<u>2007 Value</u>
1	Nursery Stock	1	\$272,326,200
2	Milk	2	219,655,600
3	Grapes, Table	3	97,150,700
4	Eggs	5	90,688,900
5	Hay	6	69,448,300
6	Avocados	9	48,345,700
7	Peppers, Bell	4	48,041,800
8	Grapefruit	7	42,425,400
9	Lemons	8	36,094,600
10	Dates	10	30,527,400
11	Oriental Vegetables	16	26,120,400
12	Lettuce, Romaine	23	20,428,300
13	Tangerines/Mandarins	12	20,299,600
14	Cattle/Calves	11	18,233,700
15	Cotton	14	16,187,400
16	Vegetable, miscellaneous	13	13,836,400
17	Lettuce, Loose Leaf	19	13,700,700
18	Oranges, Navel	27	12,896,100
19	Broccoli	15	11,942,500
20	Potatoes	20	11,200,000
21	Cauliflower	35	9,866,900
22	Aquaculture	17	9,829,200
23	Oranges, Valencia	33	9,422,600
24	Watermelons	26	7,908,900
25	Spinach	28	7,676,800
26	Carrots	18	7,149,000
27	Other Livestock	30	6,565,100
28	Beans, Green	25	6,121,500
29	Corn, Sweet	22	5,871,200
30	Forage/Fodder	36	5,800,500
31	Artichokes	29	5,532,000
32	Melons, Honeydew	46	5,442,000
33	Spices/Herbs	40	5,151,400
34	Lettuce, Head	21	4,703,200
35	Celery	41	4,569,900
36	Grapes, Wine	34	4,025,600
37	Apiculture	37	3,948,900
38	Sheep/Lambs	44	3,580,800
39	Eggplant	38	3,507,200
40	Melons, Cantaloupe	32	3,389,300
41	Onions, Dry	43	2,671,900
42	Tomatoes	42	2,550,900
43	Strawberries	31	2,387,100
44	Melons, miscellaneous	24	2,217,200
45	Pasture, Irrigated	n/a	1,769,600
46	Radishes	45	1,679,700
47	Squash, all	48	1,472,800
48	Tree/Vine, miscellaneous	39	1,132,500

PHYTOSANITARY EXPORT CERTIFICATION – 2007

All Export Countries

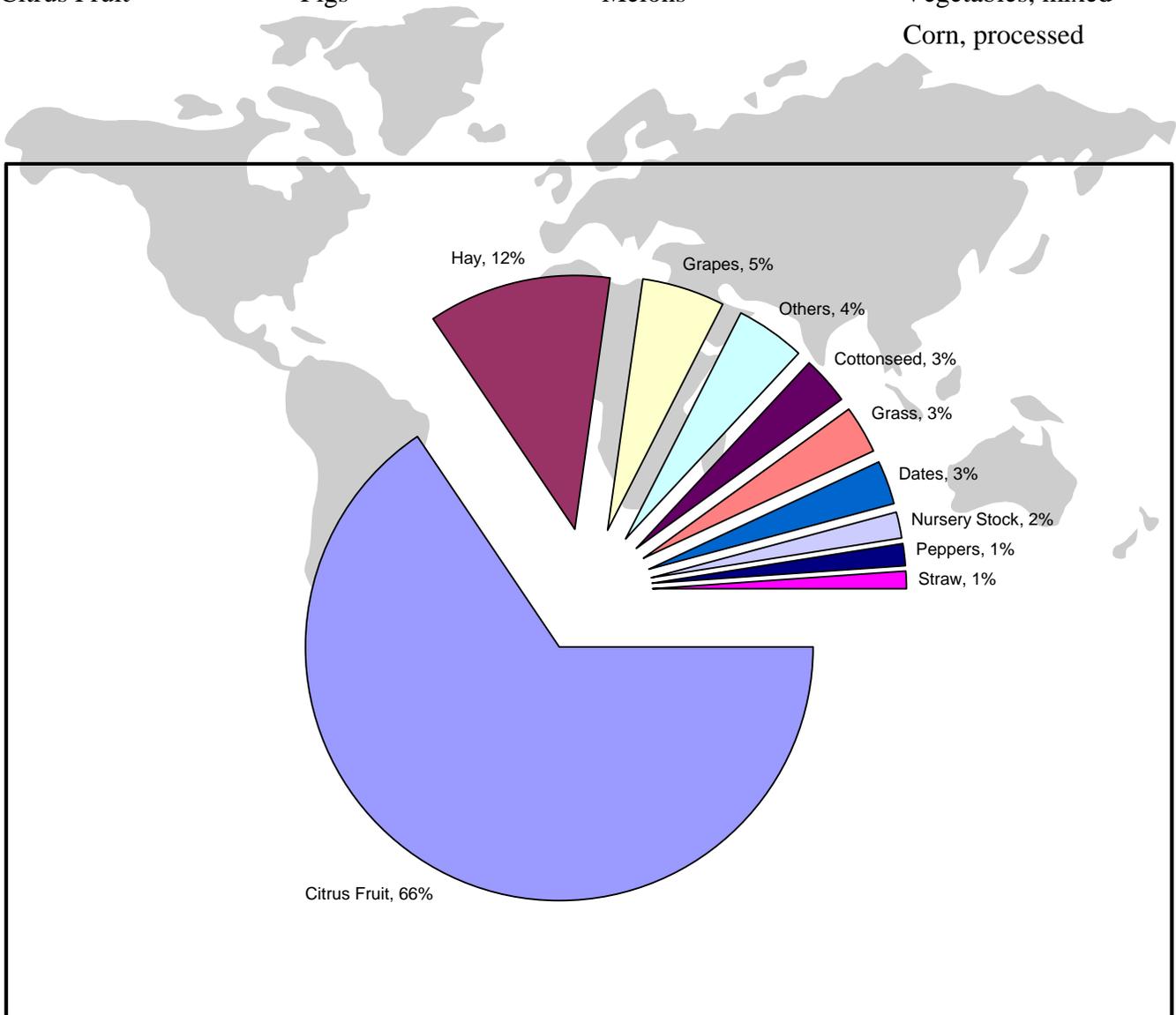
- | | | | |
|--------------------|-------------|------------------------|----------------------|
| Angola | Egypt | Mexico | Senegal |
| Australia | El Salvador | Morocco | Singapore |
| Austria | Ethiopia | Netherlands | South Africa |
| Bahamas | France | New Zealand | Spain |
| Bahrain | Greece | Nigeria | Sri Lanka |
| Belgium | Guatemala | Norway | Suriname |
| Belize | Haiti | Oman | Sweden |
| Burking Faso | Honduras | Pakistan | Switzerland |
| Canada | India | Panama | Taiwan |
| Chile | Indonesia | People's Rep. of China | Thailand |
| Columbia | Israel | Peru | Turkey |
| Costa Rica | Jamaica | Philippines | United Arab Emirates |
| Dominican Republic | Japan | Puerto Rico | United Kingdom |
| Ecuador | Malaysia | Republic of Korea | Vietnam |



PHYTOSANITARY EXPORT CERTIFICATION – 2007

All Commodities Certified

Apple Scionwood	Citrus Leaves	Grapes	Mixed Fruit
Artichokes	Citrus Pollen	Grass	Nursery Stock
Avocado Budwood	Citrus Seed	Grass Seed	Pepper Seed
Avocados	Cottonseed	Hay	Peppers
Broccoli	Dates	Honeydew Melons	Seed, miscellaneous
Celery	Date Pollen	Lettuce	Straw
Citrus Budwood	Dill	Mangos	Tomatoes
Citrus Fruit	Figs	Melons	Vegetables, mixed
			Corn, processed



SUSTAINABLE AGRICULTURE - 2007

ORGANIC FARMING

110 Organic producers registered in Riverside County.

PEST DETECTION (Commercial and Urban)

<u>Activity</u>	<u>Hours</u>
Commercial Crops	236.5
Public Contact	303.4
Special Surveys:	
Tristeza (Residential)	11.0
Other	12.5
Red Imported Fire Ant	24.0

Citrus Tristeza Indexing (Coachella Valley)	<u>Numbers</u>
Commercial	
Properties tested	12
Acres sampled	127.5
Samples tested biochemically	895
“Positive” samples	0
Residential	
Properties tested	0
Trees surveyed	0
Samples tested biochemically	0
“Positive” samples	0

PEST DETECTION (Exotic Insects)

<u>Pest</u>	<u>Trap Servicings</u>
European Corn Borer	157
Gypsy Moth	73
Khapra Beetle	141
Medfly (Grapes, Citrus)	0

PEST EXCLUSION (Incoming plant shipments)

(Thru 9/30/2007)

<u>Units profiled</u>	<u>Units inspected</u>	<u>Rejections</u>
9,796	3,124	42

PEST ABATEMENT/ HOLD NOTICES

<u>Pest</u>	<u>Properties</u>
California Red Scale	4
Sting Nematode	8
Citrus Tristeza Virus	0
Glassy-Winged Sharpshooter	0
Abandoned Orchards/Vineyards	0

BIOLOGICAL CONTROL OF WEEDS

<u>Pest</u>	<u>Control Agent</u>
Yellow Starthistle	<i>Bangasternus orientalis</i> (weevil)
	<i>Eustenopus villosus</i> (weevil)
Puncture Vine	<i>Microlarinus lareynii</i> (weevil)
	<i>Microlarinus lypriformis</i> (weevil)

BIOLOGICAL CONTROL OF INSECTS AND SNAILS

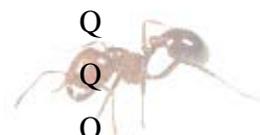
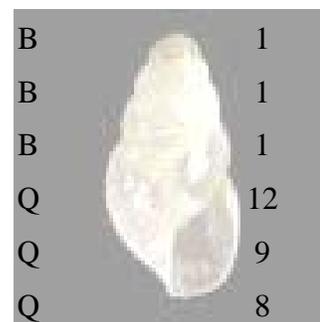
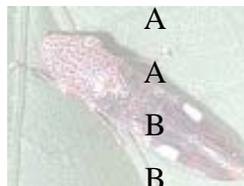
<u>Pest</u>	<u>Control Agent</u>
Ash Whitefly	<i>Encarsia arthenopea</i> (wasp)
Black Scale	<i>Metaphycus helvolus</i> (wasp)
Brown Soft Scale	<i>Metaphycus luteolus</i> (wasp)
California Red Scale	<i>Aphytis melinus</i> (wasp)
Citrus Mealybug	<i>Cryptolaemus montrouzieri</i> (beetle)
Cottony Cushion Scale	<i>Encarsia sp.</i> (wasp)
Eucalyptus	<i>Cryptochaetum iceryae</i> (fly)
Long-horned Borer	<i>Avetianella longoi</i> (wasp)
	<i>Jarra phoracantha</i> (wasp)
	<i>Syngaster lepidus</i> (wasp)
Mosquitoes	<i>Bacillus thur. israelensis</i> (bacterium)
	<i>Gambusia affinis</i> (fish)
Olive Fruit Fly	<i>Psytalia concolor</i> (wasp)
Persea Mite	<i>Galendromus annectens</i> (pred. mite)
	<i>Galendromus helveolus</i> (pred. mite)
	<i>Galendromus pilosus</i> (pred. mite)
	<i>Psyllaephagus bliteus</i> (wasp)
Red Gum Lerp	
Psyllid	
Red Imported Fire Ant	<i>Beauveria bassiana</i> (fungus)
	<i>Pseudacteon tricuspis</i> (fly)
Two Spotted Spider Mite	<i>Phytoseiulus persimilis</i> (pred. mite)
	<i>Galendromus occidentalis</i> (pred. mite)
Vine Mealybug	<i>Cryptolaemus montrouzieri</i> (beetle)
Western Grapeleaf Skeletonizer	<i>Ametadoria harrisinae</i> (parasitoid)
	<i>Apanteles harrisinae</i> (wasp)
Woolly Whitefly	<i>Amitus spiniferus</i> (parasitoid)
	<i>Cales noacki</i> (parasitoid)
Brown Garden Snail	<i>Rumina decollate</i> (pred. snail)

OTHER

Enforcement of County Ordinances to control Lettuce Mosaic Virus, Agricultural Grading, Land Application of Manure and Biosolids, Cotton Plowdown, Blowing Dust, and Beekeeping.

2007 Pest Interceptions

Scientific Name	Common Name (If any)	Pest Rating	# of Interceptions
<i>Fusarium oxysporum</i>	Palm Wilt Disease	A	3
<i>Lymantria dispar</i>	Gypsy Moth	A	2
<i>Allopeas sp.</i>	Mollusk	A	1
<i>Solenopsis invicta</i>	Red Imported Fire Ant	A	1
<i>Homalodisca vitripennis</i>	Sharpshooter	B	6
<i>Lepidosaphes beckii</i>	Purple Scale	B	5
<i>Aonidiella aurantii</i>	California Red Scale	B	3
<i>Rhyacionia frustrana</i>	Nantucket Pine Tip Moth	B	3
<i>Phyllocnistis citrella</i>	Citrus Leaf Miner	B	2
<i>Aegilops cylindrica</i>	Jointed Goatgrass	B	1
<i>Cirsium arvense</i>	Canada Thistle	B	1
<i>Homalodisca coagulata</i>	Glassy-Winged Sharpshooter	B	1
<i>Rhizoecus floridanus</i>	Soil Mealybug	Q	12
<i>Genus unidentified</i>	Unidentifiable	Q	9
<i>Rhizoecus hibisci</i>	Root Mealybug	Q	8
<i>Technomyrmex albipes</i>	White Footed Ant	Q	2
<i>Trioza chenopodii</i>	Chenopodium Psyllid	Q	2
<i>Aleurodicus dispersus</i>	Spiralling White Fly	Q	1
<i>Ceroplastes sp.</i>	Wax Scale	Q	1
<i>Disclisioprocta stellata</i>	Moth	Q	1
<i>Dysmicoccus sp.</i>	Mealybug	Q	1
<i>Lepidosaphes sp.</i>	Armored Scale	Q	1
<i>Ochetellus glaber</i>	Ant	Q	1
<i>Oncometopia sp.</i>	Sharpshooter	Q	1
<i>Phenacoccus sp.</i>	Mealybug	Q	1
<i>Pseudococcus sp.</i>	Mealybug	Q	1
<i>Veronicella sp.</i>	Slug	Q	1



STAFF MEMBERS – 2007

Agricultural Commissioner/Sealer of Weights and Measures

John Snyder

Executive Assistant

Patrice Wyatt

Assistant Agricultural Commissioner/Sealer of Weights and Measures

Dustin Wiley

Deputy Agricultural Commissioner/Sealers

Ron Bray	Renee Reid
Robert Mulherin	Bill Tracy
Bill Oesterlein	

Supervising Agricultural & Standards Investigators

Don Domenigoni	Suzanne Nickau
Erin Freeman	Keith Selnick
Dean Gottlieb	

Agricultural & Standards Investigators

Courtney Abel	Gabriel Gowman	Harry Loukatos
Rick Allert	Charles Hardesty	Janice Mattson
Lena Canada	James Hayashi	Dennis Miller
Lucy Candelario	Tom Hought	Victor Miranda
Jennifer Chandler	Delia Jiminez-Cioc	Jose Quintero
Ven Chien	Carol Kreger	Richard Shaffer
Megan Conley	Charles Kregl	Hugo Soto
Kevin Doi	Mike Lahti	Michele Tracy
Dia Elseewi	Brian Larson	Tom Vizthum
Tom Finan	Jeremy Larson	
Julius Francisco	Arturo Lomeli	

Weights and Measures Inspectors

Steve Bennett
Doug Simmons

Agricultural Inspector

Mike Dishman

Clerical Support Staff

Kelly Briggs	Cynthia Ramos
Jackie Heine	Veronica Sanchez
Emerson Leavitt	Toinye Williams
Elisa Monteil	

DON'T UNDERESTIMATE THE VALUE OF HONEY BEES! *

California has the largest beekeeping industry of any state in the U.S. Nearly 500,000 colonies of bees are operated by 400 commercial and semi-commercial beekeepers. An additional 2,000 hobby beekeepers in the state have one or more hives of bees. While most hobby beekeepers place their hives on permanent locations, commercial beekeepers move their hives at least six times each year to pollinate crops or to place them near natural food sources for bees.

Most of the hives of bees in California are rented one or more times a year for pollination of agricultural crops. Nearly 3/4 of the country's documented commercial honey bee crop pollination is conducted in California. Beekeepers received \$121.9 million in 2005 for supplying bees to pollinate more than 50 varieties of orchard and field crops. The value of this pollination service to California agriculture is detailed on the attached data sheet.

California is a national leader in production of honey, with total yields averaging 20,000,000 pounds each year. An average 400,000 pounds of beeswax is produced as well. The value of honey and beeswax to California beekeepers was \$42.5 million in 2005. In total, the state's gross beekeeping income for 2005 exceeded \$175.9 million.

Pollination by honey bees is as vital to the production of many crops as water and sunlight. There is no substitute! One third of our daily diet relies on honey bee pollination. Almonds, apples, sweet cherries, plums and prunes are examples of crops that require cross-pollination between varieties in order to produce a crop. Bee pollination is necessary for the production of cucumbers, squash, pumpkins, and melons. Twenty-one additional California fruit and nut crops are known to produce larger yields when pollinated by honey bees. These fruit, nut, and vegetable crops were worth \$6.1 billion in 2005 - a value approximately 35 times greater than the income generated directly by the beekeeping industry.

The greatest value of honey bee pollination is associated with the production of seeds that will have worldwide distribution. Including the "indirect" value of honey bee pollination (meat, dairy products, vegetables, hay, etc.), honey bees are responsible for nearly half of California's agricultural production (cash receipts for farm marketing), which is currently valued above \$32.0 billion. Thus, honey bee pollination is really worth in excess of 400 times the intrinsic earning power of the bees to beekeepers.

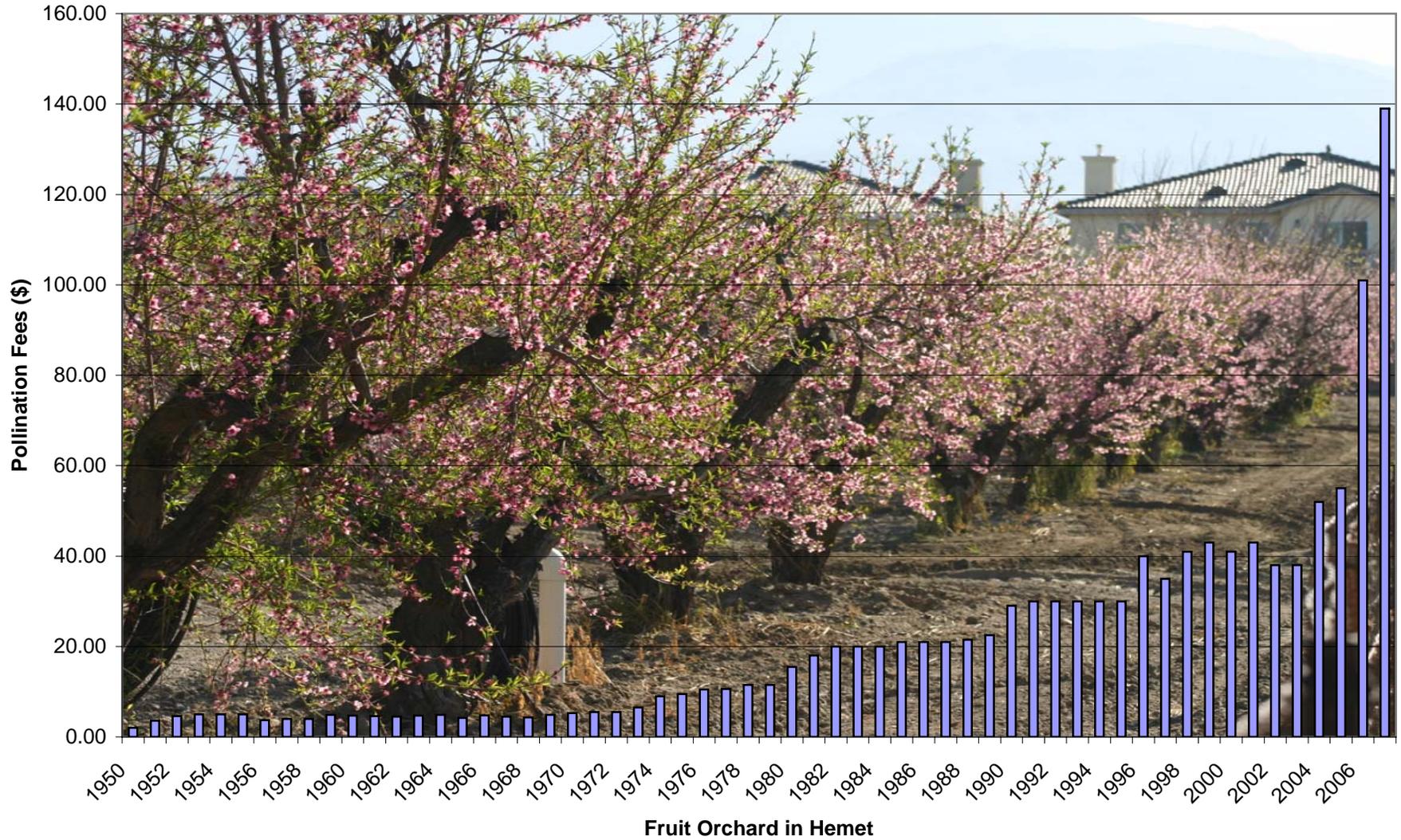
It is estimated that nearly one half of American households have gardens. Aside from the fact that honey bee pollination was responsible for producing most of the planted vegetable and flower seeds, home gardeners should realize that honey bees are necessary to their gardens, much like water and sunlight. Without honey bees, fruit trees bear few fruits, berries tend to be small and misshapened, and vine crops like melons, cucumbers, squash, and pumpkins bear small fruits that do not fill out and mature properly. Some ornamental shrubs and trees also require pollination to produce fruit that may be eaten by birds or other beneficial animals.

Drastic reductions in populations of native insect pollinators have created a great need for honey bee pollination to insure re-seeding and perpetuation of wild plants. These plants serve as sources of fruits, nuts, and/or vegetation for consumption by various birds and mammals. They also provide nesting sites and hiding places for other creatures involved in the intricate "Balance of Nature." This vegetation also adds immeasurably to soil conservation and flood control.

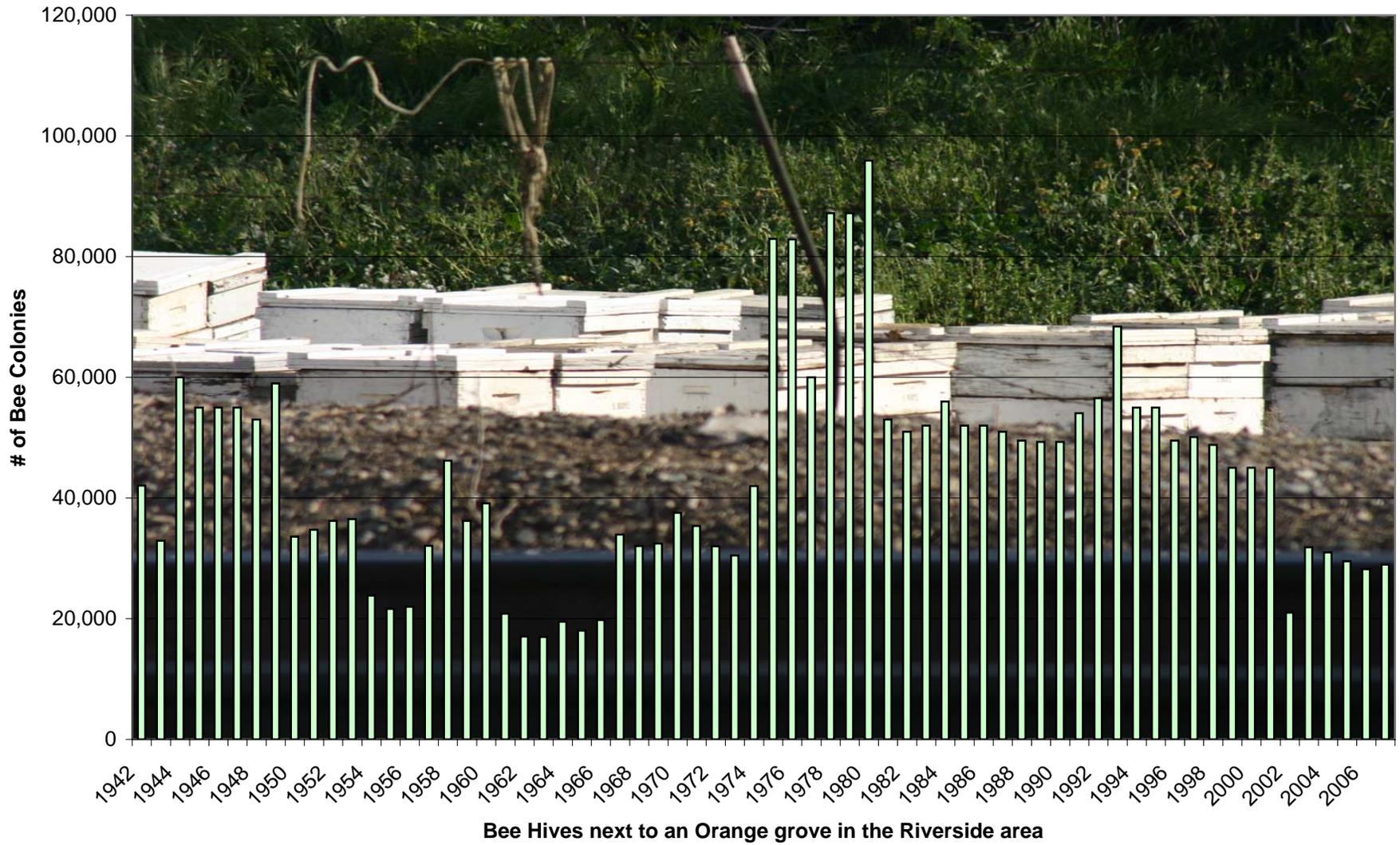
Too often, honey bees are equated with stinging, a suicidal act reserved specifically for purposes of colony defense. Frequently, the insects behaving in an aggressive manner at picnics and around homes are wasps ("meat bees") that are incorrectly called bees. Negative publicity and restrictive legislation only can lead to loss of honey bees and the crops that rely upon them for pollination.

*Excerpts from article written by:
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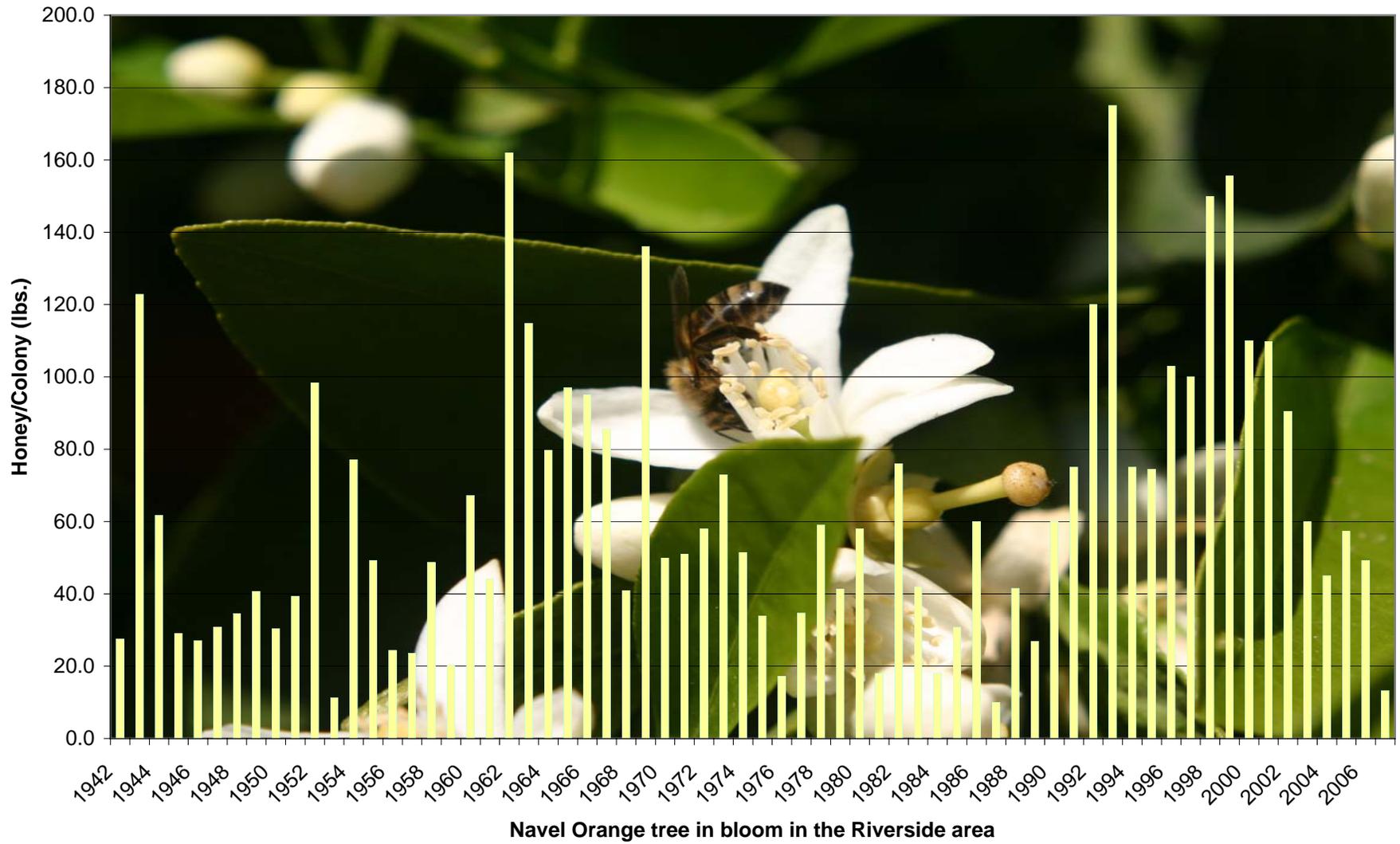
Average Pollination Fees 1950-2007



Average # of Bee Colonies 1942-2007



Average Honey Production 1942-2007



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