



**RIVERSIDE COUNTY
2005
AGRICULTURAL PRODUCTION REPORT**



JOHN SNYDER
Agricultural Commissioner
Sealer of Weights & Measures

OFFICE OF THE
AGRICULTURAL COMMISSIONER

P.O. BOX 1089
RIVERSIDE CA 92502-1089
PHONE (951) 955-3000
FAX (951) 955-3012

WEIGHTS & MEASURES OFFICE
P.O. BOX 1480
RIVERSIDE, CA 92502-1480
PHONE (951) 955-3030
FAX (951) 276-4728

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

And

The Honorable Board of Supervisors of Riverside County

Bob Buster, Chairman, District I

John Tavaglione, District II
Jeff Stone, District III

Roy Wilson, District IV
Marion Ashley, District V

I am pleased to submit the 2005 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 \$1,168,671,100, which is an increase of \$37.1 Million (3.2%) from the 2004 gross value. The gross value for **Agricultural Crops** was \$910,819,000, an increase of \$95.4 Million (11.7%) from the previous year. The gross value of **Livestock and Poultry** production was \$257,852,100, a decrease of \$58.4 Million (18.4%) from the 2004 value.

For the third year in a row, **Nursery Stock** ranked as the top valued crop in the county. **Nursery** production value increased 8.4% last year to 229.2 Million, while **Milk** production values decreased 13.1% to 181.4 Million, and remains in second place. Rounding out the top five crops in the County, **Table Grapes** decreased 10.9% (12.3 Million), **Bell Peppers** moved into fourth with a value of 72.9 Million, and **Grapefruit** values increased 17.0 Million (34.7%). **Eggs** decreased 32.7% (21.4 Million) due to lower prices, and **Avocados** were down 19.7% (11.2 Million), due to lower yields, to fall out of the top five crops.

Of special note this year, the production value for the Coachella Valley exceeded \$500 Million (\$503,523,700) for the first time ever. This value is more than the entire agricultural production value of 40 of the 58 counties in California. The Coachella Valley **Vegetable Crop** value accounted for \$213.4 Million, the **Tree and Vine Crop** value was \$138.6 Million, the **Nursery Stock** value was 86.4 Million, while the **Citrus Crops** were valued at \$63.6 Million.

Other noteworthy trends during the last 10 years (1996-2005) include the following:

- ❖ The number of acres in **Nursery Stock** production has increased by 4,309 acres (112.5%), while the value has increased by \$147.3 Million (179.7%).

- ❖ The number of **Citrus Acres** harvested has decreased by 14,536 acres (41.2%).
- ❖ The number of **Egg Laying Hens** has decreased by 2,363,000 (30.4%), while the number of **Eggs** produced has decreased by 51,986,000 dozen.
- ❖ The amount of **Milk** produced has decreased by 10,618,874 cwt (45.5%), while the number of **Dairies** has decreased by 83 (64.8%). In the last three years alone, Riverside County has lost 51 **Dairies**, more than any other county in California.

It must be emphasize that this report reflects only a gross return and in no way represents a measure of profit or loss to the producer. Leading agricultural economists agree that every dollar received by farmers in Riverside County in 2005, has the financial impact of three and a half times that amount. Therefore, the total value of **\$1,168,671,100** represents a financial impact of more than **\$4,090,348,850** into the local economy.

I wish to express my sincere appreciation to the producers, processors, and agencies that have provided the information necessary for the compilation of this report. I would also like to express my gratitude to all the members of my staff for their contribution toward the preparation of this report.

A special word of thanks goes out to the staffs of the **Coachella Valley Water District** (Steve Robbins, General Manager and Carlos Delgado) and the **Palo Verde Irrigation District** (Ed Smith, General Manager) who helped to collaborate on the accuracy of the production acreage in the Coachella and the Palo Verde Valleys. Our office values these important partnerships that have contributed to the relevancy of this report, which servers to document the importance of today's agricultural element within Riverside County.

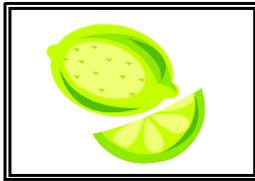
Respectfully submitted,

John Snyder

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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	2005	3,662	3,632	989	3,592,048	34 lbs	10.98	39,440,700
By-Products	2005			211	766,352		1.10	843,000
Grapefruit-Red	2004	(included with Ruby)						
Grapefruit-Ruby	2005	2,145	2,145	998	2,140,710	34 lbs	9.94	21,278,700
By-Products	2005			218	467,610		1.22	570,500
Grapefruit-Ruby	2004	4,684	4,674	995	4,650,630	34 lbs	9.68	45,018,100
By-Products	2004			387	1,808,838		0.61	1,103,400
Grapefruit-White	2005	479	479	707	338,653	34 lbs	9.74	3,298,500
By-Products	2005			405	193,995		1.48	287,100
Grapefruit-White	2004	770	770	418	321,860	34 lbs	7.87	2,533,000
By-Products	2004			174	133,980		0.79	105,800
Lemons	2005	6,814	6,507	591	3,845,637	38 lbs	10.87	41,802,100
By-Products	2005			217	1,412,019		0.91	1,284,900
Lemons	2004	6,409	6,039	577	3,484,503	38 lbs	9.91	34,531,400
By-Products	2004			88	531,432		0.36	191,300
Miscellaneous*	2005	122	82	7.06	579	tons	398.00	230,400
By-Products	2005			1.22	100	tons	65.00	6,500
Miscellaneous*	2004	662	662	666	440,892	37.5 lbs	11.64	5,132,000
By-Products	2004			287	189,994	37.5 lbs	1.60	304,000
Oranges-Navel	2005	1,938	1,938	560	1,085,280	37.5 lbs	9.69	10,516,400
By-Products	2005			133	257,754		0.58	149,500
Oranges-Navel	2004	3,178	3,178	618	1,964,004	37.5 lbs	9.01	17,695,700
By-Products	2004			318	1,010,604		0.32	323,400
Oranges-Valencia	2005	2,600	2,582	288	743,616	37.5 lbs	9.22	6,856,100
By-Products	2005			138	356,316		1.63	580,800
Oranges-Valencia	2004	2,626	2,606	262	682,772	37.5 lbs	8.27	5,646,500
By-Products	2004			381	992,886		1.78	1,767,300
Royal Mandarins	2005	94	94	459	43,146	37.5 lbs	10.94	472,000
By-Products	2005			115	10,810		2.10	22,700
Royal Mandarins	2004	144	102	580	59,160	37.5 lbs	9.75	576,800
By-Products	2004			34	3,468		3.35	11,600
Tangelos	2005	720	574	531	304,794	30 lbs	8.51	2,593,800
By-Products	2005			133	76,342		2.05	156,500
Tangelos	2004	716	546	326	177,996	30 lbs	6.87	1,222,800
By-Products	2004			83	45,318		1.32	59,800
Tangerines	2005	2,101	2,038	516	1,051,608	25 lbs	6.95	7,308,700
By-Products	2005			130	264,940		2.06	545,800
Tangerines	2004	1,678	1,655	589	974,795	25 lbs	6.80	6,628,600
By-Products	2004			236	390,580		1.85	722,600
TOTAL	2005	20,675	20,071				\$	138,244,700
	2004	20,867	20,232					123,574,100

* Includes: Oranges (Blood), Kumquats, Limes, Oro Blanco Grapefruit.



TREE AND VINE CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Value		
				Per Acre	Total	Unit	Per Unit	Total
Apples	2005	51	51	175	8,925	40 lbs	12.00	107,100
	2004	73		Crop Failure		40 lbs	0.00	-
Apricots	2005	15	15	200	3,000	20 lbs	13.50	40,500
	2004			Misc.				
Avocados	2005	7,501	7,428	222	1,649,016	26 lbs	27.43	45,232,500
	2004	7,642	7,349	289	2,123,861	26 lbs	26.55	56,388,500
Cherries	2005	26	26	180	4,680	18 lbs	30.00	140,400
	2004	26		Crop Failure		18 lbs	0.00	-
Dates	2005	7,306	6,220	5.36	33,339	tons	1,029.00	34,306,000
Culls	2005			0.54	3,359		40.00	134,400
Dates	2004	6,160	4,140	4.63	19,168	tons	2,018.00	38,681,400
Culls	2004			0.40	1,656		68.00	112,600
Grapes - Table* (Total)	2005	10,077	8,606	Listed by Variety below.				100,103,500
	2004	11,808	10,554					112,377,200
Beauty Seedless	2005	n/a	139	716	99,524	18 lbs	16.98	1,689,900
	2004	n/a	182	780	141,960	18 lbs	14.71	2,088,200
Exotic	2005	n/a	13	1,339	17,407	18 lbs	15.90	276,800
	2004	n/a	58	765	44,370	18 lbs	10.85	481,400
Flame Seedless	2005	n/a	4,040	829	3,349,160	18 lbs	14.69	49,199,200
	2004	n/a	5,340	820	4,378,800	18 lbs	14.61	63,974,300
Perlette	2005	n/a	1,525	590	899,750	18 lbs	11.32	10,185,200
	2004	n/a	2,090	572	1,195,480	18 lbs	17.69	21,148,000
Thompson Seedless	2005	n/a	1,426	1,043	1,487,318	18 lbs	12.32	18,323,800
	2004	n/a	1,760	545	959,200	18 lbs	13.30	12,757,400
Other Varieties	2005	n/a	1,463	963	1,408,869	18 lbs	14.50	20,428,600
	2004	n/a	1,124	700	786,800	18 lbs	15.16	11,927,900
Grapes - Wine	2005	1,705	1,650	2.50	4,125	tons	963.00	3,972,400
	2004	1,697	1,640	2.18	3,575	tons	668.00	2,388,200
Jojoba	2005	254	104	174	18,096	1 lbs	2.50	45,200
	2004	544	544	203	110,432	1 lbs	1.53	169,000
Miscellaneous**	2005	1,565	1,407	6.72	9,455	tons	440.00	4,160,200
	2004	304	184	901	165,784	24 lbs	8.88	1,472,200
Peaches	2005	68	68	197	13,396	22 lbs	13.04	174,700
	2004	55	55	268	14,740	22 lbs	12.27	180,900
Pears	2005	18	18	90	1,620	22 lbs	13.00	21,100
	2004	21	21	150	3,150	22 lbs	12.00	37,800
Persimmons	2005	24	24	400	9,600	24 lbs	12.00	115,200
	2004	26	26	450	11,700	24 lbs	11.00	128,700
TOTAL	2005	28,610	25,617					\$ 188,553,200
	2004	28,356	24,513					211,936,500

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

** Includes: Figs, Guava, Longans, Mangoes, Olives, Pecans, Plums, Raisins, Walnuts. No Harvest (Lychee, Nectarines).



VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Artichokes	2005	658	700	460,600	23 lbs	12.50	5,757,500
	2004	445	560	249,200	23 lbs	15.24	3,797,800
Beans-Green	2005	649	400	259,600	28 lbs	18.60	4,828,600
	2004	317	378	119,826	28 lbs	21.38	2,561,900
Broccoli	2005	3,691	612	2,258,892	23 lbs	6.88	15,541,200
	2004	2,725	614	1,673,150	23 lbs	8.73	14,606,600
Cabbage	2005	99	776	76,824	50 lbs	4.94	379,500
	2004	120	694	83,280	50 lbs	4.97	413,900
Carrots	2005	2,332	20.4	47,573	tons	395.00	18,791,300
	2004	1,416	895	1,267,320	48 lbs	7.70	9,758,400
Cauliflower	2005	1,347	746	1,004,862	23 lbs	7.69	7,727,400
	2004	903	772	697,116	23 lbs	7.35	5,123,800
Celery	2005	365	1,005	366,825	60 lbs	6.25	2,292,700
	2004	220	1,064	234,080	60 lbs	8.69	2,034,200
Corn-Sweet	2005	2,249	431	969,319	45 lbs	9.59	9,295,800
	2004	1,851	330	610,830	45 lbs	7.55	4,611,800
Eggplant	2005	350	1,100	385,000	20 lbs	9.25	3,561,300
	2004	179	1,100	196,900	20 lbs	8.50	1,673,700
Lettuce Head	2005	655	429	280,668	50 lbs	7.47	2,096,600
	2004	955	505	482,275	50 lbs	4.80	2,314,900
Loose Leaf	2005	1,860	900	1,674,000	22 lbs	7.25	12,136,500
	2004	1,583	992	1,570,336	22 lbs	8.04	12,625,500
Romaine	2005	2,535	847	2,147,145	35 lbs	7.03	15,094,400
	2004	1,140	934	1,064,760	35 lbs	8.73	9,295,400
Melons							
Cantaloupe	2005	1,285	559	718,315	40 lbs	6.37	4,575,700
	2004	1,564	444	694,416	40 lbs	4.93	3,423,500
Honeydew	2005	952	1,401	1,333,752	29 lbs	7.34	9,789,700
	2004	1,897	564	1,069,908	29 lbs	4.47	4,782,500
Miscellaneous	2005	1,060	12.2	12,932	tons	478.00	6,181,500
	2004	585	561	328,185	33 lbs	4.84	1,588,400
Watermelon	2005	1,871	24.4	45,652	tons	262.00	11,960,900
	2004	1,274	24	30,576	tons	192.00	5,870,600



VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Miscellaneous*	2005	1,590	4.09	6,503	tons	706.00	4,591,200
	2004	1,247	1,307	1,629,829	28 lbs	7.76	12,647,500
Onions-Dry	2005	405	1,245	504,225	50 lbs	5.85	2,949,700
	2004		Misc.				
Oriental Vegetables	2005	1,831	801	1,466,631	28 lbs	14.96	21,940,800
	2004	1,357	806	1,093,742	28 lbs	13.67	14,951,500
Peppers Bell	2005	4,354	1,175	5,115,950	30 lbs	14.25	72,902,300
	2004	2,520	1,103	2,779,560	30 lbs	15.08	41,915,800
Potatoes Fall	2005	414	245	101,430	100 lbs	11.92	1,209,000
	2004	1,734	171	296,514	100 lbs	12.03	3,567,100
Spring	2005	2,332	171	398,772	100 lbs	15.82	6,308,600
	2004	515	193	99,395	100 lbs	13.02	1,294,100
Radishes	2005	348	1,020	354,960	35 lbs	3.50	1,242,400
	2004	24	707	16,968	35 lbs	5.24	88,900
Spices	2005	814	1,025	834,350	28 lbs	3.75	3,128,800
	2004		Misc.				
Spinach	2005	886	1,035	917,010	30 lbs	10.00	9,170,100
	2004	975	951	927,225	30 lbs	9.53	8,836,500
Squash, All	2005	217	6.32	1,371	tons	592.00	811,900
	2004	171	6.60	1,129	tons	451.00	509,000
Strawberries	2005	328	1,840	603,520	12 lbs	10.20	6,155,900
	2004	358	1,539	550,962	12 lbs	11.93	6,573,000
Tomatoes	2005	138	374	51,612	25 lbs	11.59	598,200
	2004		Misc.				
TOTAL	2005	35,615				\$ 261,019,500	
	2004	26,075				174,866,300	

* Includes: Asparagus, Cilantro, Cucumbers, Garlic, Herbs, Lettuce - Shredded, Melons - Crenshaw, Peppers - Chili, Pumpkins.



FIELD AND SEED CROPS

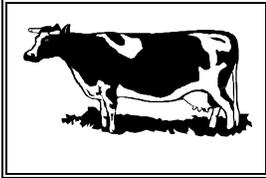
	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Cotton							
Short Staple	2005	15,087	2.99	45,110	500 lbs	250.00	11,277,500
	2004	18,300	3.75	68,625	500 lbs	250.00	17,156,300
Seed	2005		1.00	15,087	tons	107.00	1,614,300
	2004		1.50	27,450	tons	142.00	3,897,900
Lint	2005		1.50	22,631	tons	0.50	11,300
	2004		None Reported				
Grain							
Oat	2005	580	1.00	580	tons	132.00	76,600
	2004		None Reported				
Wheat	2005	21,730	1.68	36,506	tons	136.00	4,964,900
	2004	10,967	1.06	11,625	tons	144.00	1,674,000
Hay							
Alfalfa	2005	50,191	8.50	426,624	tons	117.00	49,914,900
	2004	49,622	8.21	407,397	tons	96.00	39,110,100
Barley	2005	1,670	2.00	3,340	tons	110.00	367,400
	2004		Misc.				
Bermuda Grass	2005	1,592	7.85	12,497	tons	100.00	1,249,700
	2004	1,373	7.50	10,298	tons	73.00	751,700
Four Way	2005	835	3.00	2,505	tons	110.00	275,600
	2004		Misc.				
Klein Grass	2005	2,167	10.10	21,887	tons	95.00	2,079,200
	2004	2,579	8.20	21,148	tons	110.00	2,326,300
Oat	2005	1,469	2.25	3,305	tons	120.00	396,600
	2004	1,677	1.83	3,069	tons	109.00	334,500
Sudan	2005	1,587	4.67	7,411	tons	102.00	756,000
	2004	2,204	4.70	10,359	tons	130.00	1,346,600
Wheat	2005	200	1.00	200	tons	110.00	22,000
	2004		None Reported				
Miscellaneous*							
	2005	841	4.33	3,642	tons	71.00	258,500
	2004	2,913	2.50	7,283	tons	136.00	990,400
Pasture-Irrigated							
	2005	3,097		3,097	acres	121.00	374,700
	2004	13,450		13,450	acres	120.00	1,614,000
Rangeland							
	2005	30,000		30,000	acres	5.00	150,000
	2004	35,000		35,000	acres	5.00	175,000



FIELD AND SEED CROPS

	Year	Harvested Acreage	Production		Unit	Value		
			Per Acre	Total		Per Unit	Total	
Silage and Green Chop								
Alfalfa	2005	1,288	30.00	38,640	tons	30.00	1,159,200	
	2004	2,015	30.00	60,450	tons	29.00	1,753,100	
Barley	2005	75	3.90	293	tons	96.00	28,100	
	2004	60	9.80	588	tons	15.50	9,100	
Corn	2005	865	21.60	18,684	tons	38.00	710,000	
	2004	1,096	28.00	30,688	tons	33.00	1,012,700	
Oat	2005	391	4.40	1,720	tons	35.00	60,200	
	2004	340	17.50	5,950	tons	24.00	142,800	
Sorghum	2005		Misc.					
	2004	490	18.00	8,820	tons	25.00	220,500	
Sudan	2005		Misc.					
	2004	45	16.00	720	tons	24.00	17,300	
Wheat	2005	5,203	9.50	49,429	tons	28.00	1,384,000	
	2004	5,658	10.20	57,712	tons	31.00	1,789,100	
Seed								
Bermuda Grass	2005	None Reported						
	2004	95	281.00	26,695	lbs	1.23	32,800	
Sugar Beets	2005	80	40.00	3,200	tons	98.50	315,200	
	2004	None Reported						
TOTAL	2005	138,948				\$	77,445,900	
	2004	152,884					75,219,000	

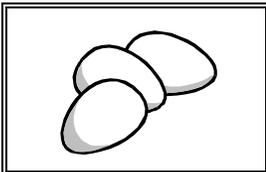
* Includes: Grain - Barley, Green Chop - Sorghum, Green Chop - Sudan, Hay - Timothy Grass, Safflower, Seed - Onion.



LIVESTOCK AND POULTRY

	Year	Number of Head	Total Liveweight	Unit	Value	
					Per Unit	Total
Cattle and Calves	2005	54,100	293,300	cwt	80.00	23,464,000
	2004	66,700	350,240	cwt	76.00	26,618,200
Sheep and Lambs	2005	29,100	48,400	cwt	84.00	4,065,600
	2004	74,000	111,930	cwt	79.40	8,887,200
Other Livestock*	2005			various		4,872,900
	2004			various		6,128,500
TOTAL	2005				\$	32,402,500
	2004					41,633,900

* Includes Baby Chicks, Ducks, Pheasants.



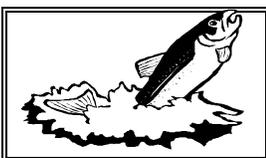
LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Value	
				Per Unit	Total
Eggs*	2005	118,624,000	dozen	0.37	43,890,900
	2004	118,624,000	dozen	0.55	65,243,200
Milk**	2005	12,714,381	cwt	14.27	181,434,200
	2004	14,188,150	cwt	14.72	208,849,600
Other Products***	2005				124,500
	2004				481,000
TOTAL	2005			\$	225,449,600
	2004				274,573,800

*Information Supplied by: University of California Cooperative Extension Services.

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

***Includes Wool.



AQUACULTURE

	Year	Production	Unit	Value	
				Per Unit	Total
Catfish	2005	760,000	lbs	1.95	1,482,000
	2004	658,000	lbs	1.92	1,263,400
Miscellaneous*	2005	9,785,200	various		8,265,000
	2004	3,804,200	lbs	2.73	10,385,500
Tilapia	2005	1,837,700	lbs	1.97	3,620,300
	2004	1,995,000	lbs	1.97	3,930,200
Total	2005			\$	13,367,300
	2004				15,579,100

* Includes Goldfish, Koi, Carp, Trout, Bass.



NURSERY STOCK PRODUCTION

	Year	Acres	Production	Unit	Valuation
Ornamental Nursery Stock	2005	3,708	37,868,641	various	158,380,000
	2004	3,052	30,090,472	various	134,580,300
Cut Flowers and Cut Greens	2005	440	7,177,760	cuttings	6,428,400
	2004	530	8,373,026	cuttings	6,409,900
Ground Cover, Liners, Transplants	2005	40	737,371	flats	5,828,600
	2004	42	799,336	flats	6,592,200
Christmas Trees (cut)	2005	51	7,600	each	276,800
	2004	54	7,450	each	272,900
Turf	2005	3,724	170,594,215	square feet	36,614,700
	2004	3,664	190,408,571	square feet	42,434,100
Farm Planting Stock	2005	175	1,876,212	various	21,681,700
	2004	172	1,854,940	various	20,981,800
TOTAL	2005	8,138			\$ 229,210,200
	2004	7,514			211,271,200



APICULTURE

	Year	Production	Unit		Value
					Per
					Unit
					Total
Honey	2005	1,693,800	lbs	0.74	1,253,400
	2004	1,395,000	lbs	1.05	1,464,800
Beeswax	2005	35,600	lbs	1.47	52,300
	2004	31,000	lbs	1.00	31,000
Queen Cells	2005	None Reported			
	2004	3,100	queens	1.50	4,700
Fees Collected for Pollination	2005	26,020	colonies	55.00	1,431,100
	2004	27,900	colonies	52.00	1,450,800
Total Colonies	2005	29,510			
	2004	31,000			
TOTAL	2005				\$ 2,736,800
	2004				2,951,300

DISTRICT VALUATIONS - AGRICULTURAL CROPS

District	2001	2002	2003	2004	2005
Riverside/Corona	49,707,800	84,200,000	97,390,900	103,967,000	114,774,700
San Jacinto/Temecula Valley	138,802,600	145,426,200	164,934,800	182,021,700	174,613,400
Coachella Valley	450,695,100	425,631,400	405,575,900	416,373,900	503,523,700
Palo Verde Valley	99,073,100	93,716,800	91,978,200	96,535,100	99,360,000
Total Crop Valuation	\$738,278,600	\$748,974,400	\$759,879,800	\$798,897,700	\$892,271,800

ACREAGE STATISTICS

Crop	2001	2002	2003	2004	2005
Citrus	30,011	29,818	23,462	20,867	20,675
Tree and Vine	26,538	28,451	25,175	28,356	28,610
Vegetable, Melons, Misc.	41,738	35,360	35,216	26,075	35,615
Field and Seed	187,045	147,665	176,578	152,884	138,948
Total Planted Acreage	285,332	241,294	260,431	228,182	223,848

TOTAL VALUATION - F.O.B.

Crop	2001	2002	2003	2004	2005
Citrus	130,221,100	95,402,300	84,900,100	123,574,100	138,244,700
Tree and Vine	191,579,100	183,138,900	216,566,200	211,936,500	188,553,200
Vegetable, Melons, Misc.	196,785,100	215,412,800	179,001,900	174,866,300	261,019,500
Field and Seed	80,215,900	71,960,400	73,692,000	75,219,000	77,687,300
Nursery	138,371,300	183,073,600	205,846,300	211,271,200	229,210,200
Apiculture	4,740,000	2,803,800	3,520,600	2,951,300	2,736,800
Aquaculture	15,412,400	15,757,600	15,931,600	15,579,100	13,367,300
Total Crop	\$757,324,900	\$767,549,400	\$779,458,700	\$815,397,500	\$910,819,000
Livestock and Poultry	\$367,583,500	\$295,928,700	\$287,908,600	\$316,207,700	\$257,852,100
GRAND TOTAL (\$)	1,124,908,400	1,063,478,100	1,067,367,300	1,131,605,200	1,168,671,100

RIVERSIDE COUNTY LEADING AGRICULTURAL VALUATIONS

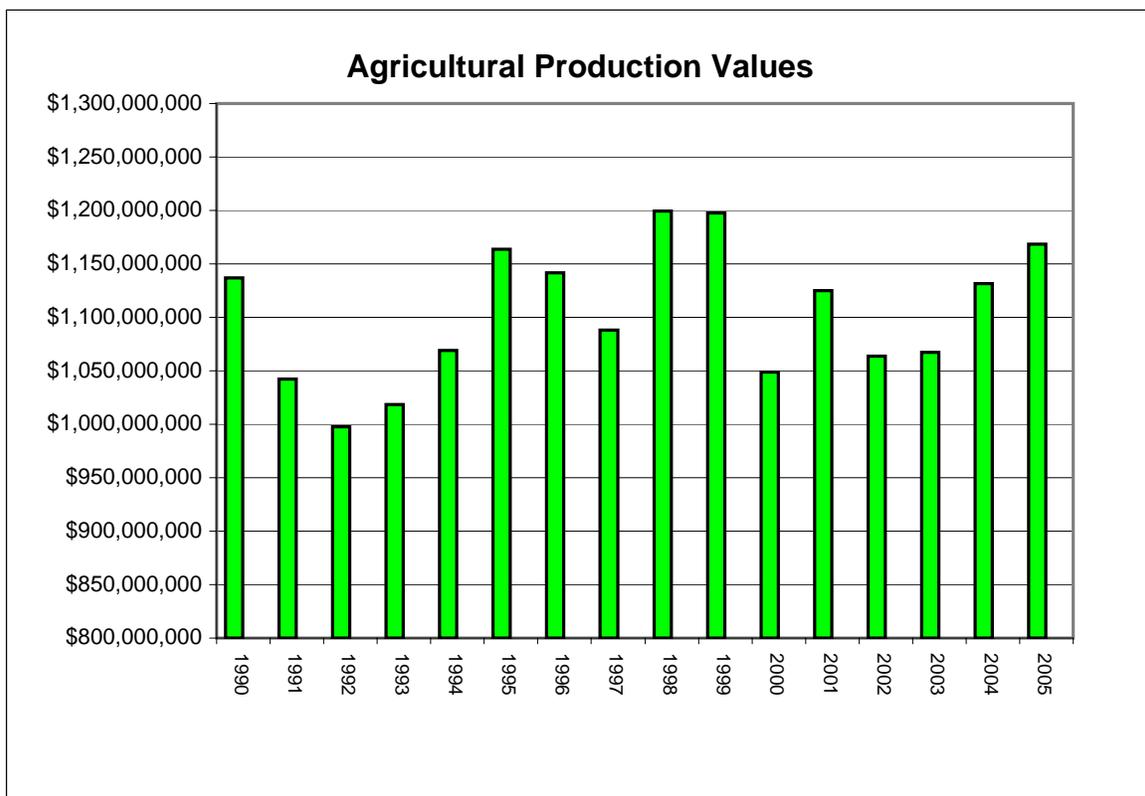
<u>2004</u>			<u>2005</u>		
1	Nursery Stock	\$ 211,271,200	1	Nursery Stock	\$ 229,210,200
2	Milk	208,849,600	2	Milk	181,434,200
3	Grapes, Table	112,377,200	3	Grapes, Table	100,103,500
4	Eggs	65,243,200	4	Peppers, Bell	72,902,300
5	Avocados	56,388,500	5	Grapefruit	65,718,500
6	Grapefruit	48,760,300	6	Hay	55,061,400
7	Hay	46,169,200	7	Avocados	45,232,500
8	Peppers, Bell	41,915,800	8	Eggs	43,890,900
9	Dates	38,794,000	9	Lemons	43,087,000
10	Lemons	34,722,700	10	Dates	34,440,400
11	Cattle/Calves	26,618,200	11	Cattle/Calves	23,464,000
12	Cotton	19,619,000	12	Oriental Vegetables	21,980,800
13	Oranges, Navel	18,019,100	13	Carrots	18,791,300
14	Aquaculture	15,579,100	14	Broccoli	15,541,200
15	Oriental Vegetables	14,951,500	15	Lettuce, Romaine	15,094,400
16	Broccoli	14,606,600	16	Aquaculture	13,367,300
17	Vegetables, misc.	12,647,500	17	Cotton	13,144,500
18	Lettuce, Loose Leaf	12,625,500	18	Lettuce, Loose Leaf	12,136,500
19	Carrots	9,758,400	19	Watermelons	11,960,900
20	Lettuce, Romaine	9,295,400	20	Tangerines	11,099,500

CALIFORNIA'S LEADING AGRICULTURAL COUNTIES BY TOTAL VALUE OF PRODUCTION

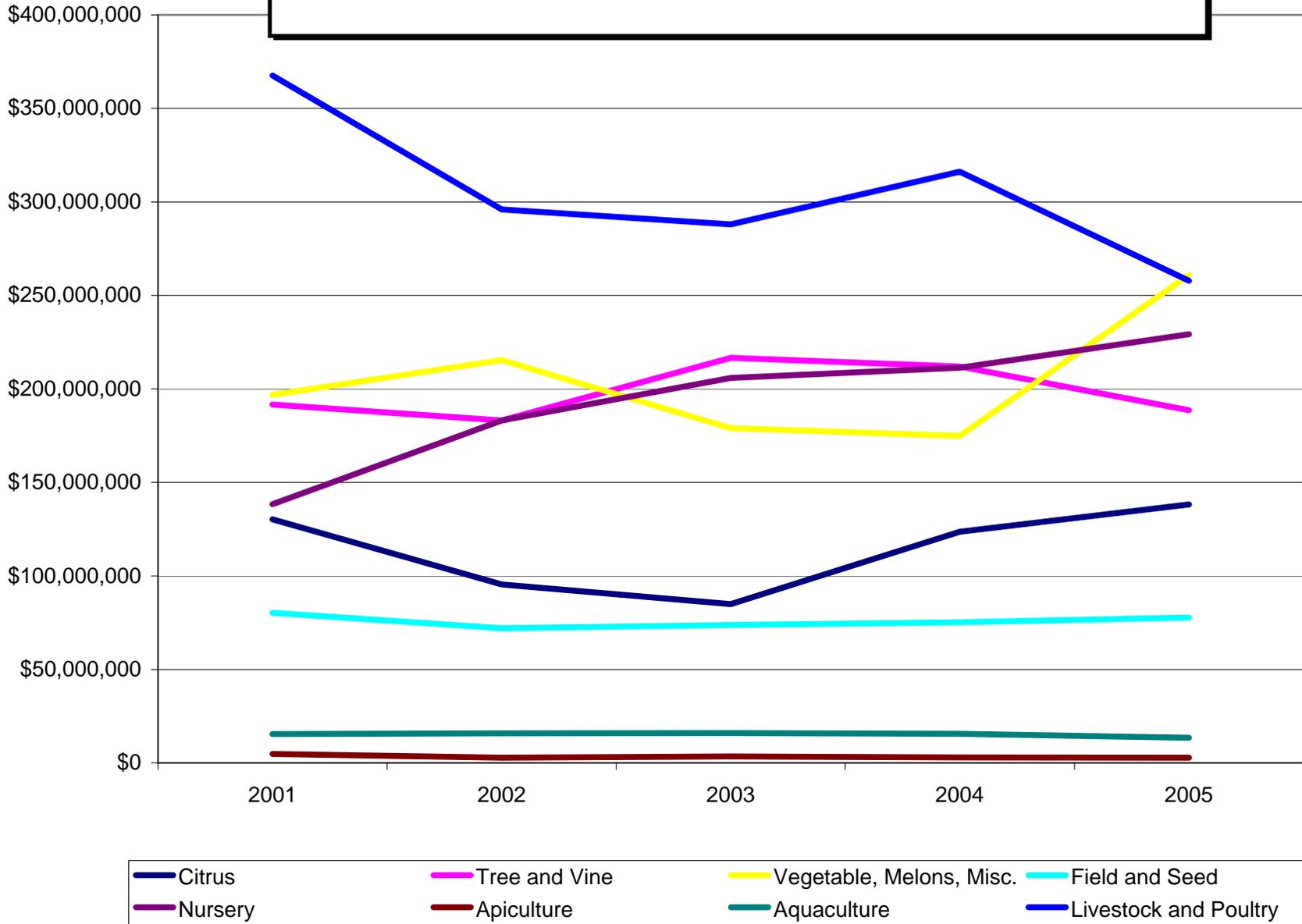
<u>RANK</u>	<u>COUNTY</u>	<u>2002</u>		<u>2003</u>		<u>2004</u>	
		<u>VALUE (\$)</u>	<u>COUNTY</u>	<u>VALUE (\$)</u>	<u>COUNTY</u>	<u>VALUE (\$)</u>	<u>COUNTY</u>
1	Fresno	3,418,788,000	Fresno	4,052,767,000	Fresno	4,688,550,000	
2	Tulare	3,201,722,000	Tulare	3,294,660,000	Tulare	4,037,351,000	
3	Monterey	2,812,073,000	Monterey	3,288,468,000	Monterey	3,397,907,000	
4	Kern	2,586,437,000	Kern	2,477,526,000	Kern	3,142,481,000	
5	Merced	1,730,726,000	Merced	1,918,230,000	Merced	2,365,494,000	
6	Stanislaus	1,367,971,000	San Joaquin	1,494,693,000	Stanislaus	1,978,434,000	
7	San Joaquin	1,343,818,000	Stanislaus	1,454,928,000	San Joaquin	1,613,037,000	
8	San Diego	1,297,280,000	San Diego	1,351,059,000	San Diego	1,461,873,000	
9	Imperial	1,224,109,000	Kings	1,136,966,000	Ventura	1,387,004,000	
10	Ventura	1,161,139,000	Ventura	1,117,567,000	Kings	1,196,890,000	
11	Riverside	1,063,521,000	Imperial	1,073,472,000	Imperial	1,187,254,000	
12	Kings	1,023,808,000	Riverside	1,067,367,000	Riverside	1,131,605,000	

RIVERSIDE COUNTY AGRICULTURAL PRODUCTION VALUES 1990-2005

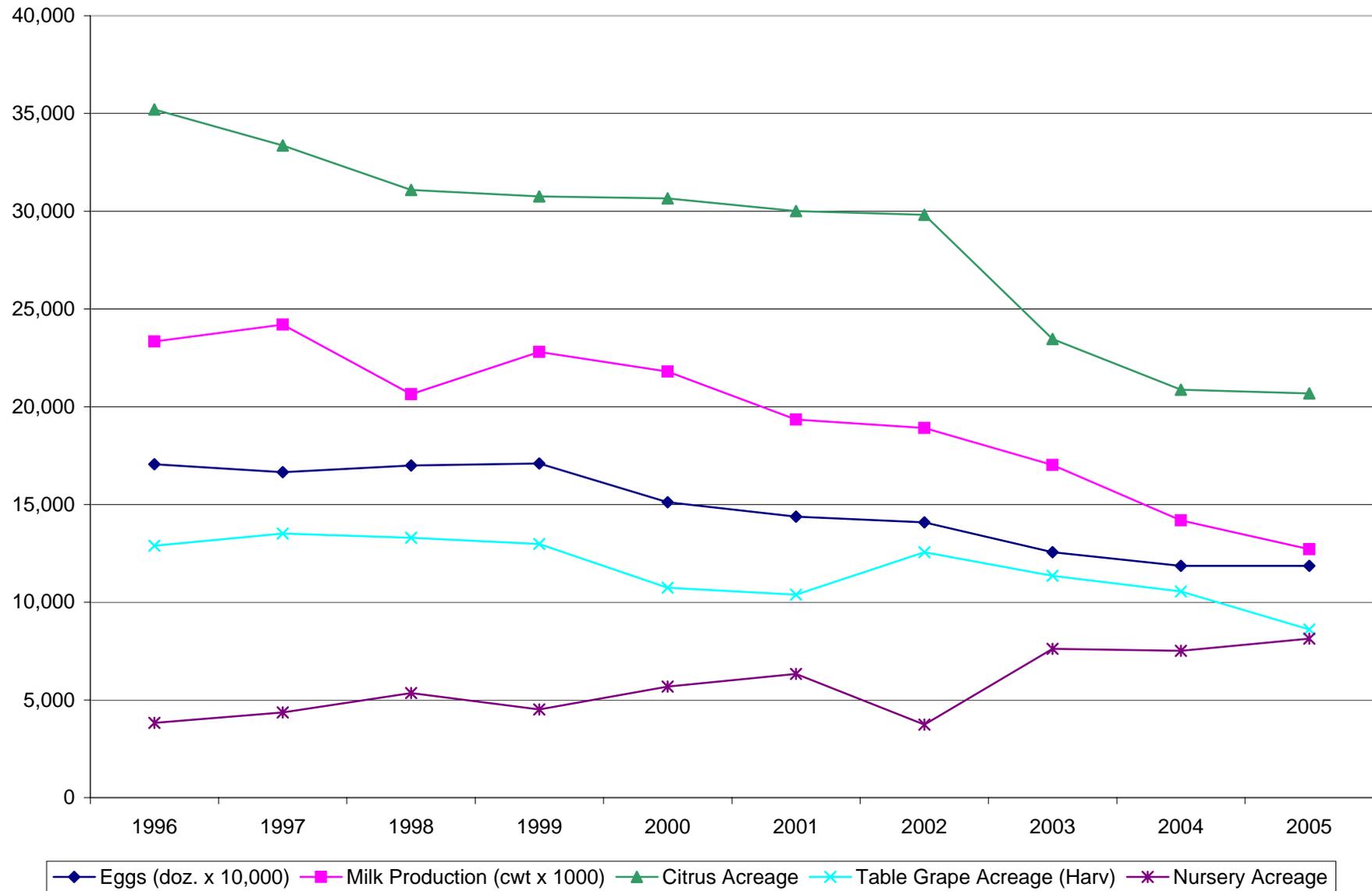
<u>YEAR</u>	<u>VALUE</u>	<u>STATE RANK</u>
1990	\$1,137,174,100	5
1991	\$1,042,326,900	6
1992	\$997,653,500	7
1993	\$1,018,641,000	9
1994	\$1,069,323,000	8
1995	\$1,163,430,300	7
1996	\$1,141,819,800	8
1997	\$1,087,920,000	9
1998	\$1,199,506,700	8
1999	\$1,197,362,000	9
2000	\$1,048,561,600	9
2001	\$1,124,908,400	9
2002	\$1,063,478,000	11
2003	\$1,067,367,300	12
2004	\$1,131,605,200	12
2005	\$1,168,671,100	



Agricultural Production Valuation by Crop Type 2001-2005



Major Crop Trends 1996-2005



2005 Million Dollar Commodities

<u>2005 Rank</u>	<u>2004 Rank</u>	<u>Commodity</u>	<u>Value</u>
1	1	Nursery Stock	\$229,210,200
2	2	Milk	181,434,200
3	3	Grapes, Table	100,103,500
4	8	Peppers, Bell	72,902,300
5	6	Grapefruit	65,718,500
6	7	Hay	55,061,400
7	5	Avocados	45,232,500
8	4	Eggs	43,890,900
9	10	Lemons	43,087,000
10	9	Dates	34,440,400
11	11	Cattle/Calves	23,464,000
12	15	Oriental Vegetables	21,940,800
13	19	Carrots	18,791,300
14	16	Broccoli	15,541,200
15	20	Lettuce, Romaine	15,094,400
16	14	Aquaculture	13,367,300
17	12	Cotton	13,144,500
18	18	Lettuce, Loose Leaf	12,136,500
19	27	Watermelons	11,960,900
20	21	Tangerines	11,099,500
21	13	Oranges, Navel	10,665,900
22	32	Melons, Honeydew	9,789,700
23	33	Corn, Sweet	9,295,800
24	23	Spinach	9,170,100
25	29	Cauliflower	7,727,400
26	31	Potatoes	7,517,600
27	24	Oranges, Valencia	7,436,900
28	44	Melons, misc.	6,181,500
29	25	Strawberries	6,155,900
30	34	Artichokes	5,757,500
31	41	Grain	5,041,500
32	26	Other Livestock	4,872,900
33	37	Beans, Green	4,828,600
34	17	Vegetable, misc.	4,591,200
35	35	Melons, Cantaloupe	4,575,700
36	45	Tree/Vine, misc.	4,160,200
37	22	Sheep & Lambs	4,065,600
38	38	Grapes, Wine	3,972,400
39	42	Eggplant	3,561,300
40	30	Forage/Fodder	3,341,500
41	n/a	Spices	3,128,800
42	n/a	Onions, Dry	2,949,700
43	36	Apiculture	2,736,800
44	40	Celery	2,292,700
45	39	Lettuce, Head	2,096,600
46	n/a	Radishes	1,242,400

PHYTOSANITARY* EXPORT CERTIFICATION – 2005

Export Countries

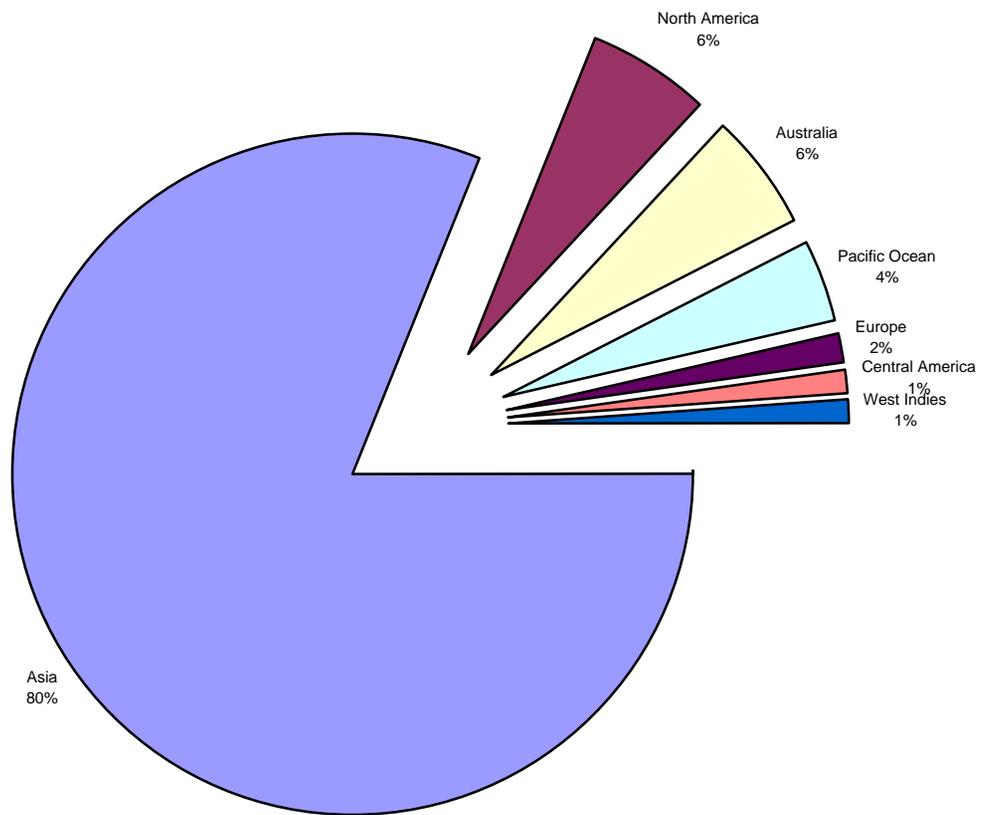
Argentina	Egypt	Malaysia	Republic of Korea
Australia	El Salvador	Mariana Islands	Saudi Arabia
Austria	France	Mauritius	Singapore
Bahamas	French Polynesia	Mexico	South Africa
Bahrain	Germany	Namibia	Spain
Belgium	Guatemala	Netherlands	Sri Lanka
Belize	Hong Kong	New Caledonia	Switzerland
Bermuda	India	New Zealand	Taiwan
Brazil	Indonesia	Nicaragua	Thailand
Canada	Jamaica	Panama	Trinidad & Tobago
Costa Rica	Japan	People's Republic of China	Turkey
Dominican Republic	Kuwait	Philippines	United Arab Emirates
Ecuador	Lebanon	Puerto Rico	United Kingdom
			Vietnam

Commodities Certified

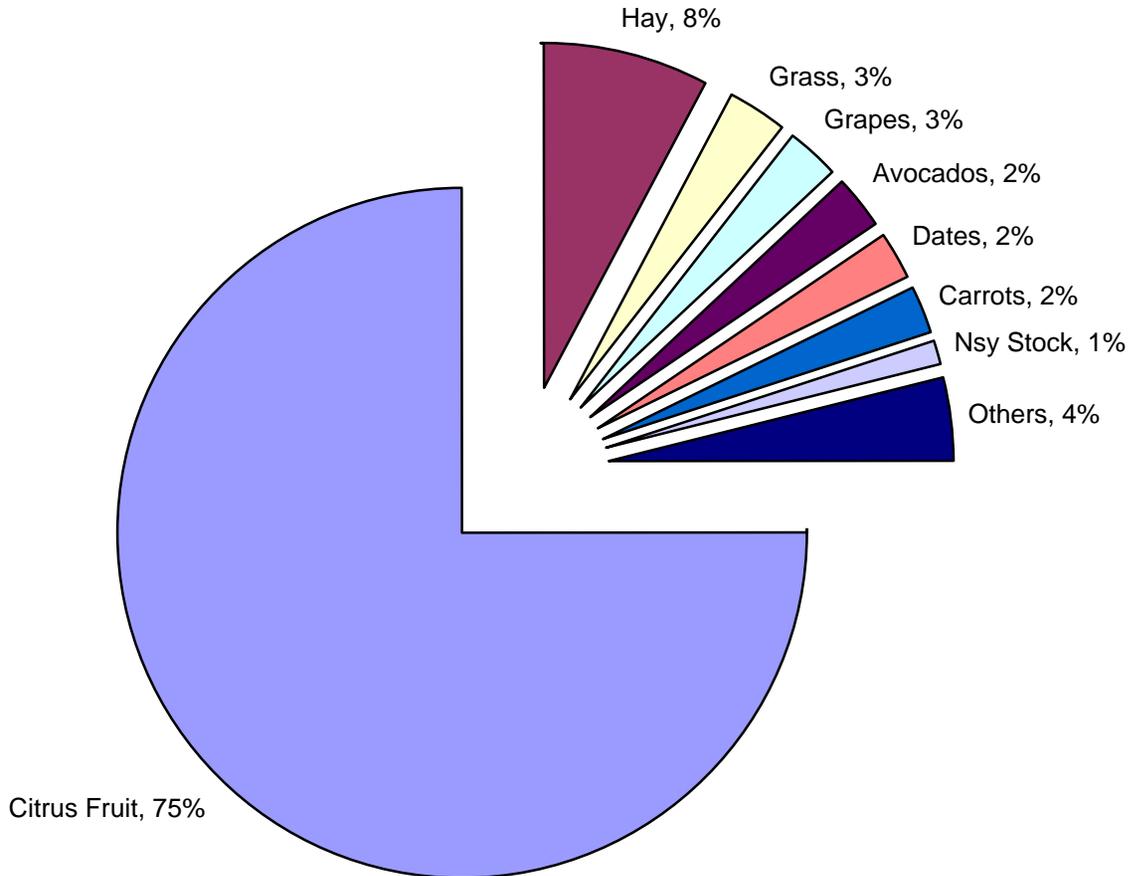
Artichokes	Citrus Fruit	Grass Seed	Pollen
Avocado Budwood	Citrus Leaves	Hay	Roses
Avocados	Citrus Seeds	Honeydew Melons	Straw
Bean Seed	Cottonseed	Lettuce	Strawberries
Broccoli	Cucumbers	Lettuce Sprouts	Vegetables, mixed
Cantaloupes	Date Palm Offshoots	Mangos	Watermelons
Carrots	Dates	Melons	
Cauliflower	Dill	Mixed Fruit	Corn, processed
Celery	Figs	Nursery Stock	Millet, processed
Cilantro	Grapes	Peppers	Rice, processed
Citrus Budwood	Grass	Pepper Seeds	

* Plant Pest Cleanliness Inspections.

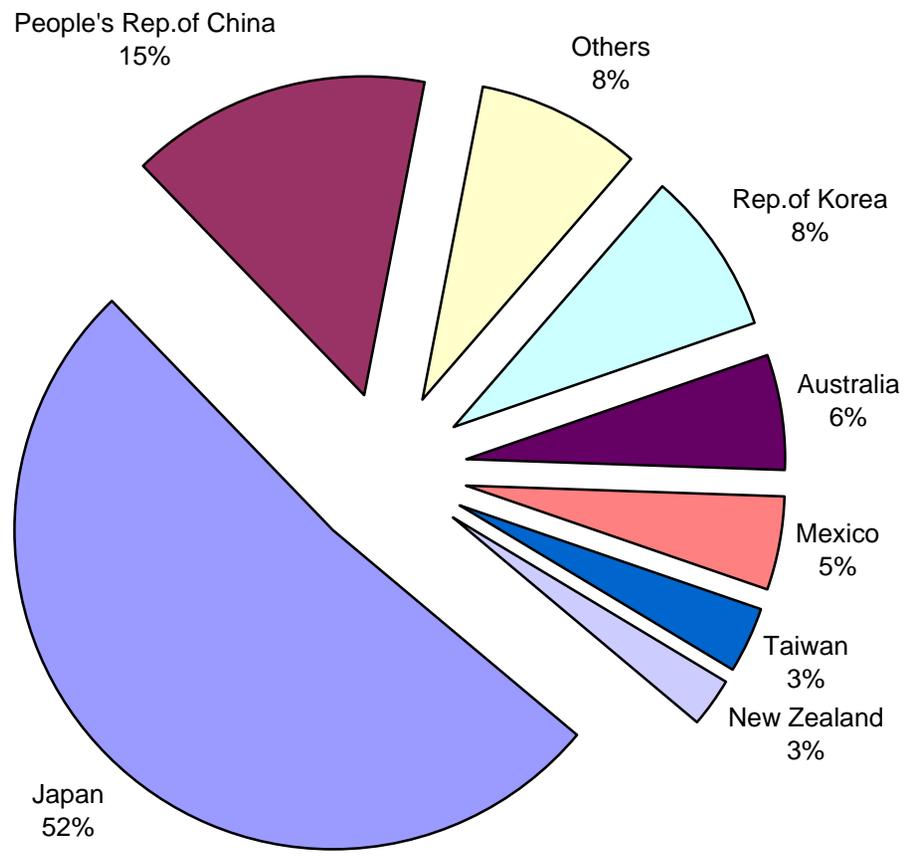
2005 Export Phytosanitary Certification by World Region



2005 Export Phytosanitary Certification by Commodity



2005 Export Phytosanitary Certification by Country



SUSTAINABLE AGRICULTURE - 2005

ORGANIC FARMING

80 Organic producers registered in Riverside County.

PEST DETECTION (Commercial and Urban)

<u>Activity</u>	<u>Hours</u>
Commercial Crops	232.0
Public Contact	128.5
Special Surveys:	
Tristeza (Residential)	0
Citrus Leaf Miner	0
Scientific Evaluation Trapping	596.6
Red Imported Fire Ant	0
Citrus Tristeza Indexing (Coachella Valley)	<u>Numbers</u>
Commercial	
Properties tested	7
Acres sampled	188.7
Samples tested biochemically	947
“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	199
Gypsy Moth	74
Khapra Beetle	67
Medfly (Grapes, Citrus)	1,713

PEST EXCLUSION (Incoming plant shipments)

<u>Units profiled</u>	<u>Units inspected</u>	<u>Rejections</u>
1,210	1,054	24

PEST ABATEMENT

<u>Pest</u>	<u>Properties</u>
California Red Scale	1
Sting Nematode	8
Citrus Tristeza Virus	0
Glassy-Winged Sharpshooter	0
Abandoned 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) <i>Cryptochaetum iceryae</i> (fly)
Eucalyptus	<i>Avetianella longoi</i> (wasp)
Long-horned Borer	<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)
Red Gum Lerp	<i>Psyllaephagus bliteus</i> (wasp)
Pysllid	
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.

STAFF MEMBERS – 2005

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 Commissioners/Sealers

Angela Godwin

Bill Oesterlein

Robert Mulherin

Bill Tracy

Supervising Agricultural & Standards Investigators

Don Domenigoni

Erin Freeman

Keith Selnick

Sue Weber

Agricultural & Standards Investigators

Rick Allert
Lucy Candelario
Jennifer Chandler
Delia Cioc
Dia Elseewi
Tom Finan
Julius Francisco
Dean Gottlieb

Gabriel Gowman
Charles Hardesty
Tom Hought
Charles Kregl
Michael Lahti
Arturo Lomeli
Harry Loukatos
Debbie May

Dennis Miller
Victor Miranda
Richard Shaffer
Hugo Soto
Michele Tracy
Lily Vargas
Tom Vizthum
Lena Wages

Weights and Measures Inspectors

Doug Simmons

Steve Bennett

Agricultural Inspector

Mike Dishman

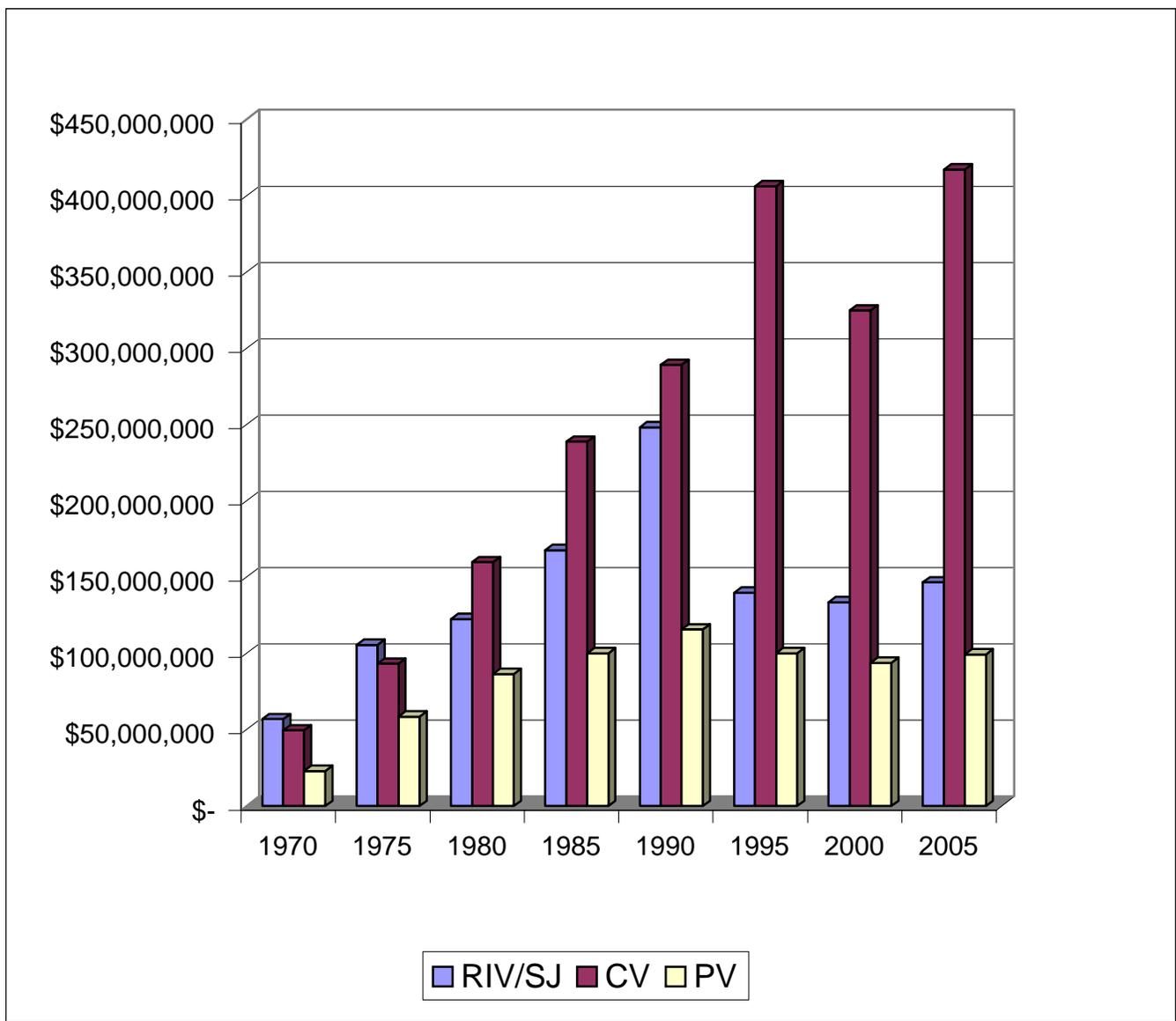
Clerical Support Staff

Camille Alexen
Debbie Boyer
Elisa Monteil

Cynthia Ramos
Billie Seale
Johanna Starks

DISTRICT CROP PRODUCTION VALUES - 1970 TO 2005

Year	Riverside/San Jacinto (Riv/SJ)	Coachella Valley (CV)	Palo Verde Valley (PV)	County Total (a)	County All (b)
1970	\$ 56,898,030	\$ 49,555,071	\$ 22,876,954	\$ 129,330,055	\$ 260,471,925
1975	105,709,700	93,263,200	58,513,400	257,486,300	459,154,000
1980	122,613,400	159,772,000	86,597,700	368,983,100	693,526,500
1985	167,614,000	238,821,600	99,997,300	506,432,900	944,119,800
1990	248,104,700	289,156,800	115,665,200	652,926,700	1,137,174,000
1995	139,762,100	406,149,700	100,175,000	646,086,800	1,163,430,300
2000	133,496,900	324,729,300	93,876,000	552,102,200	1,048,561,600
2005	146,551,200	417,150,300	99,360,000	663,061,500	1,168,671,100



(a) Crop production only (Citrus, Tree/Vine, Vegetable, Field/Seed, Rangeland/Pasture).

(b) All production, including Nursery, Apiary, Aquaculture, Livestock, Poultry.



Rich crop diversity in the Coachella Valley

Young **Bell Pepper** plants (attached to wood stakes) in the foreground. **Date Palm** orchards, **Citrus** orchards, and **Table Grape** vineyards are in the background. Snow covered Mt. San Jacinto (left) and Mt. San Gorgonio (right) are in the far background.

In 2005, these four crops alone accounted for more than half of all the agricultural production value (\$ 271 Million) in the Coachella Valley and almost a quarter of the entire production value for the county.

The Coachella Valley is located in the lower Colorado desert region of Southern California, in the middle of Riverside County. It is bordered by the San Jacinto, Santa Rosa, and San Bernardino mountains and is part of the Whitewash watershed that drains into the Salton Sea. The highest peaks in the surrounding mountains are Mt. San Jacinto (10,804') and Mt. San Gorgonio (11,499'). Elevations on the Valley floor range from 1600' above sea level at the northern end of the Valley to 250' below sea level near the Salton Sea.

Rainfall is extremely limited with average annual precipitation rates of 2-4 inches. Annual temperature variations in the Valley are extreme with occasional winter lows in the mid 20's (F), and occasional summer highs in the mid 120's (F). The Valley offers a 300 day frost free growing season. The primary sources of water in the Valley are groundwater and Colorado River water delivered via the All American Canal.

Crop Diversity in the Coachella Valley



Pictures: (Left to Right) Chard, Dry Onions, Bell Peppers, Bell Peppers, Table Grapes, Lettuce.

RIVERSIDE COUNTY AGRICULTURAL
COMMISSIONER'S OFFICE
4080 LEMON STREET, ROOM 19
PO BOX 1089
RIVERSIDE, CA 92502-1089