



This year's front and back covers feature agricultural images of Riverside County captured by Ansel Adams within the Fiat Lux Project.

Ansel Adams (1902-1984) is best known for his images of the American West. His sharp focus produced grand interpretations of nature's spectacles that were defined by their clarity of focus, rich tonal range, and mythic sense of landscape. In March of 1963, Ansel Adams and Nancy Newhall accepted a commission from Clark Kerr, then President of the University of California, to produce a book to commemorate the centennial celebration of the University. Adams and Newhall agreed on the spot, and four years later, Fiat Lux: The University of California (McGraw Hill Book Company, 1967) was published. Fiat Lux is a vast pool of photographic imagination and expression. Framed by the 1960s, Fiat Lux captures university campuses, its people, and UC properties statewide.

Photographs from the collection reflected in this report include the following:

Front Cover: Date Palm and Citrus tree orchard near Palm Desert, January 1966.

Inside Front Cover (above): Grapefruit harvest near Palm Desert, January 1966.

Inside Back Cover: Date Palm grove during irrigation in the Coachella Valley, January 1966.

Back Cover: Stone Fruit orchard near the Banning Heights, March 1966.

Photographs used with permission from: Contemporary Prints from original Negatives by Ansel Adams, UCR/California Museum of Photography, Sweeney/Rubin Ansel Adams FIAT LUX Collection, University of California, Riverside.



JOHN SNYDER

Agricultural Commissioner
Sealer of Weights & Measures

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and
The Honorable Board of Supervisors of Riverside County
Bob Buster, Chairman, District I
John Tavaglione, District II
Jeff Stone, District III
John Benoit, District IV
Marion Ashley, District V

I am pleased to submit the 2010 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 \$1,093,646,500, which is an increase of \$77.9 Million (7.7%) from the 2009 gross value. The gross value for **Agricultural Crops** was \$857,720,200, an increase of \$56.6 Million (7.1%) from the previous year. The gross value of **Livestock and Poultry** production was \$235,926,300, an increase of \$21.3 Million (9.9%) from the 2009 value.

For the seventh year in a row, **Nursery Stock** ranked as the top valued crop in the county even though **Nursery** production values decreased another \$37.2 Million (18.0%) from last year to 169.3 Million, while **Milk** production values increased \$25.9 Million (21.7%) to 145.6 Million to remain in second place. Rounding out the top five crops in the County, **Table Grapes** decreased \$25.1 Million (21.4%) to \$92.2 Million, **Bell Pepper** values increased 21.9 Million (32.2%) to \$89.9 Million and **Egg** values decreased 4.8 Million (6.2%) to 71.3 Million.

A number of issues contributed to the mixed results for 2010. The housing economy continues to take a heavy toll on nursery stock sales. A herd retirement program for the dairy industry resulted in fewer cows and less production, resulting in an increase in the price paid for milk. Egg prices and production settled back into a more normal level resulting in a small change in value. With many of the fish farms in the desert unable to keep up with escalating water and electric rates, some acreage has been converted over to more profitable oriental vegetable crops. With a mild spring and summer by desert standards, the Coachella Valley experienced a very favorable growing season for a variety of vegetables, resulting in more acres being planted and harvested. Better citrus prices and yields enabled citrus values to increase as well. The diversity of crops grown in the county during 2010 continued to echo a common theme for years prior...while some values go down, other values go up and they tend to balance each other out, year after year.

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 2010, has the financial impact of three and a half times that amount. Therefore, the total value of **\$1,093,646,500** represents a financial impact of more than **\$3,827,762,700** 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.

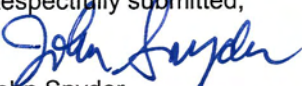
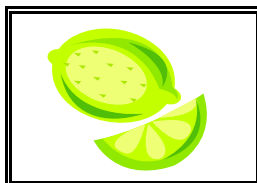
Respectfully submitted,

John Snyder
Agricultural Commissioner
Sealer of Weights & Measures

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CITRUS CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
Grapefruit-Red	2010	2,858	2,777	1,056	2,932,512	34 lbs	7.75	22,727,000
By-Products	2010			109	302,693		1.40	423,800
Grapefruit-Red	2009	3,196	3,196	727	2,323,492	34 lbs	7.16	16,636,200
By-Products	2009			132	421,872		1.02	430,300
Grapefruit-Ruby	2010	1,895	1,895	722	1,368,190	34 lbs	8.22	11,246,500
By-Products	2010			254	481,330		0.75	361,000
Grapefruit-Ruby	2009	1,690	1,607	744	1,195,608	34 lbs	6.61	7,903,000
By-Products	2009			133	213,731		1.08	230,800
Grapefruit-Other*	2010	229	229	822	188,238	34 lbs	7.82	1,472,000
By-Products	2010			187	42,823		1.08	46,200
Grapefruit-Other*	2009	225	225	812	182,700	34 lbs	7.61	1,390,300
By-Products	2009			214	48,150		0.99	47,700
Lemons	2010	5,935	5,846	748	4,372,808	38 lbs	15.77	68,959,200
By-Products	2010			117	683,982		1.75	1,197,000
Lemons	2009	5,832	5,817	805	4,682,685	38 lbs	11.10	51,977,800
By-Products	2009			108	628,236		1.56	980,000
Miscellaneous**	2010	293	152	3.40	517	tons	1,051.00	543,200
Miscellaneous**	2009	278	101	5.96	602	tons	778.00	468,300
Oranges-Navel	2010	1,233	1,233	553	681,849	37.5 lbs	10.90	7,432,200
By-Products	2010			248	305,784		0.75	229,300
Oranges-Navel	2009	1,233	1,233	552	680,616	37.5 lbs	7.94	5,404,100
By-Products	2009			192	236,736		0.66	156,200
Oranges-Valencia	2010	2,201	2,201	283	622,883	37.5 lbs	10.24	6,378,300
By-Products	2010			172	378,572		3.27	1,237,900
Oranges-Valencia	2009	2,442	2,410	233	561,530	37.5 lbs	6.93	3,891,400
By-Products	2009			242	583,220		1.97	1,148,900
Royal Mandarins	2010	110	90	410	36,900	37.5 lbs	18.00	664,200
By-Products	2010			100	9,000		2.00	18,000
Royal Mandarins	2009	132	40	400	16,000	37.5 lbs	18.00	288,000
By-Products	2009			175	7,000		2.24	15,700
Tangelos	2010	490	470	503	236,410	30 lbs	11.06	2,614,700
By-Products	2010			147	69,090		1.14	78,800
Tangelos	2009	469	439	518	227,402	30 lbs	11.72	2,665,200
By-Products	2009			81	35,559		1.83	65,100
Tangerines	2010	1,861	1,810	430	778,300	25 lbs	18.73	14,577,600
By-Products	2010			130	235,300		1.25	294,100
Tangerines	2009	1,858	1,758	410	720,780	25 lbs	10.61	7,647,500
By-Products	2009			139	244,362		1.25	305,500
TOTAL	2010	17,105	16,703					140,501,000
	2009	17,355	16,826					101,652,000

* Includes: White, Star.

** Includes: Kumquats, Limes, Oranges-Blood, Tangerine/Mandarin-Gold Nugget, Minneola, Murcott.



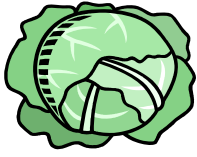
TREE AND VINE CROPS

	Year	Planted Acreage	Harvested Acreage	Production			Value	
				Per Acre	Total	Unit	Per Unit	Total
Apples	2010	19	19	50	950	40 lbs	10.00	9,500
	2009	31	31	15	465	40 lbs	7.00	3,300
Apricots	2010	13	13	250	3,250	25 lbs	20.00	65,000
	2009	14	14	100	1,400	25 lbs	18.00	25,200
Avocados	2010	6,344	6,170	217	1,338,890	26 lbs	17.59	23,551,100
	2009	7,733	6,933	170	1,178,610	26 lbs	25.18	29,677,400
Cherries	2010	28	28	250	7,000	18 lbs	20.00	140,000
	2009	23	23	Frost damage				
Dates	2010	9,328	6,473	3.28	21,231	tons	1,707.00	36,242,100
Culls	2010			0.46	2,978	tons	99.00	294,800
Dates	2009	8,974	5,700	3.37	19,209	tons	1,721.00	33,058,700
Culls	2009			0.29	1,653	tons	69.00	114,100
Grapes - Table*	2010	8,635	7,679	Listed by Variety below.				92,186,700
(Total)	2009	8,514	7,797					117,315,400
Beauty Seedless	2010	134	134	781	104,654	18 lbs	16.49	1,725,700
	2009	154	154	606	93,324	18 lbs	24.28	2,265,900
Exotic	2010	26	26	517	13,442	18 lbs	14.00	188,200
	2009	176	176	1,155	203,280	18 lbs	16.40	3,333,800
Flame Seedless	2010	4,268	4,088	809	3,307,192	18 lbs	14.22	47,028,300
	2009	4,119	3,972	819	3,253,068	18 lbs	19.26	62,654,100
Perlette	2010	219	219	735	160,965	18 lbs	18.26	2,939,200
	2009	303	303	449	136,047	18 lbs	21.33	2,901,900
Thompson Seedless	2010	349	349	789	275,361	18 lbs	14.14	3,893,600
	2009	468	468	629	294,372	18 lbs	17.03	5,013,200
Other Varieties	2010	3,639	2,863	849	2,430,687	18 lbs	14.98	36,411,700
	2009	3,294	2,724	739	2,013,036	18 lbs	20.44	41,146,500
Grapes - Wine	2010	2,103	2,103	3.19	6,709	tons	1,094.00	7,339,200
	2009	1,948	1,891	3.45	6,524	tons	1,086.00	7,085,000
Miscellaneous**/**	2010	1,160	377	11.50	4,336	tons	897.00	3,888,900
	2009	605	504	4.15	2,092	tons	1,784.00	3,731,400
Peaches	2010	105	105	544	57,120	22 lbs	21.30	1,216,700
	2009	113	113	329	37,177	22 lbs	16.80	624,600
Pears	2010			Miscellaneous				
	2009	15	15	Frost Damage				
Persimmons	2010	10	10	500	5,000	24 lbs	12.00	60,000
	2009	9	9	440	3,960	24 lbs	12.00	47,500
TOTAL	2010	27,745	22,977					164,994,000
	2009	27,979	23,030					191,682,600

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

** Includes: Cherimoya, Figs, Guava, Jojoba, Mangoes, Nectarines, Pears, Plums, Pomegranates, Raisins, Other.

*** No Data: Jujube, Lychee, Olives, Walnuts.



VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Artichokes	2010	599	640	383,360	23 lbs	13.13	5,033,500
	2009	759	577	437,943	23 lbs	12.15	5,321,000
Beans-Green	2010	1,071	365	390,915	30 lbs	19.16	7,489,900
	2009	1,025	378	387,450	30 lbs	19.41	7,520,400
Broccoli	2010	2,488	533	1,326,104	23 lbs	8.62	11,431,000
	2009	3,164	523	1,654,772	23 lbs	7.88	13,039,600
Cabbage	2010	75	690	51,750	50 lbs	7.59	392,800
	2009	119	546	64,974	50 lbs	8.15	529,500
Carrots	2010	1,882	42	79,044	tons	155.00	12,251,800
	2009	2,146	48	103,008	tons	134.00	13,803,100
Cauliflower	2010	1,284	635	815,340	23 lbs	9.59	7,819,100
	2009	1,644	731	1,201,764	23 lbs	9.55	11,476,800
Celery	2010	391	1,094	427,754	60 lbs	13.10	5,603,600
	2009	412	1,165	479,980	60 lbs	12.23	5,870,200
Corn-Sweet	2010	3,238	351	1,136,538	45 lbs	9.90	11,251,700
	2009	2,630	356	936,280	45 lbs	11.42	10,692,300
Eggplant	2010	372	953	354,516	20 lbs	9.17	3,250,900
	2009	353	1,152	406,656	20 lbs	8.43	3,428,100
Lettuce Head	2010	1,263	392	495,096	50 lbs	7.51	3,718,200
	2009	999	574	573,426	50 lbs	9.50	5,447,500
Loose Leaf	2010	1,049	933	978,717	22 lbs	10.28	10,061,200
	2009	302	1,891	571,082	22 lbs	5.66	3,232,300
Romaine	2010	2,383	851	2,027,933	35 lbs	11.25	22,814,200
	2009	968	754	729,872	35 lbs	10.90	7,955,600
Melons							
Cantaloupe	2010	725	673	487,925	40 lbs	5.36	2,615,300
	2009	756	572	432,432	40 lbs	6.26	2,707,000
Crenshaw	2010	57	572	32,604	29 lbs	7.68	250,400
	2009	73	353	25,769	29 lbs	7.21	185,800
Honeydew	2010	1,048	652	683,296	29 lbs	5.14	3,512,100
	2009	972	798	775,656	29 lbs	4.33	3,358,600
Mixed	2010	526	616	324,016	33 lbs	7.19	2,329,700
	2009	415	638	264,770	33 lbs	7.05	1,866,600



VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Melons							
Watermelon	2010	1,588	29	46,052	tons	270.00	12,434,000
	2009	1,358	34	45,900	tons	268.00	12,301,300
Miscellaneous*							
	2010	4,379	6.3	27,588	tons	682.00	18,814,800
	2009	2,032	12.0	24,384	tons	475.00	11,582,400
Onions-Dry							
	2010	211	806	170,066	50 lbs	6.50	1,105,400
	2009		Miscellaneous				
Oriental Vegetables							
	2010	2,788	8.7	24,256	tons	899.00	21,805,800
	2009	729	8.8	6,422	tons	766.00	4,919,600
Peppers							
Bell	2010	5,037	1,389	6,996,393	30 lbs	12.85	89,903,700
	2009	4,270	1,187	5,068,490	30 lbs	13.42	68,019,100
Potatoes							
Fall	2010	996	149	148,404	100 lbs	18.32	2,718,800
	2009	1,746	130	226,980	100 lbs	11.87	2,694,300
Spring	2010	2,347	258	605,526	100 lbs	17.07	10,336,300
	2009	1,768	196	346,528	100 lbs	15.88	5,502,900
Radishes							
	2010	335	978	327,630	35 lbs	4.59	1,503,800
	2009	61	784	47,824	35 lbs	5.85	279,800
Spices/Herbs							
	2010	1,576	1,464	2,307,264	various	3.88	8,952,200
	2009	798	1,066	850,668	various	5.22	4,440,500
Spinach							
	2010	189	976	184,464	30 lbs	10.88	2,007,000
	2009	767	1,069	819,923	30 lbs	9.41	7,715,500
Squash, All							
	2010	221	4.7	1,039	tons	879.00	913,000
	2009	125	5.6	704	tons	807.00	567,900
Strawberries							
	2010	327	3,119	1,019,913	various	10.02	10,219,500
	2009	249	2,500	622,500	various	5.65	3,517,100
Tomatoes							
	2010	125	1,800	225,000	20 lbs	6.50	1,462,500
	2009	214	3,237	692,718	11 lbs	4.47	3,096,400
TOTAL							
	2010	38,570					292,002,200
	2009	30,902					221,286,700

* Includes: Anise, Arugula, Asparagus, Blueberries, Broccoli-Chinese, Cabbage-Chinese, Cabbage-Napa, Carrots-processing, Celery-Chinese, Chard, Chives, Cilantro, Cucumbers, Daikon, Dandelion, Dill, Endive, Escarole, Fennel, Garlic, Greens-Collard, Greens-mixed, Kale, Kohlrabi, Leeks, Mustard, Okra, Parsley, Pumpkins, Rutabaga, Spinach-Chinese, Tomatoes-Cherry, Turnips, Watermelons-mini, Other.



FIELD AND SEED CROPS

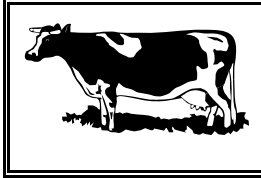
	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Cotton							
Short Staple	2010	9,129	4.00	36,516	500 lbs	450.00	16,432,200
	2009	7,000	5.00	35,000	500 lbs	250.00	8,750,000
Seed	2010		2.90	26,474	tons	190.00	5,030,100
	2009		1.80	12,600	tons	150.00	1,890,000
Grain							
Barley	2010	214	4.00	856	tons	160.00	137,000
	2009	367	4.00	1,468	tons	200	293,600
Oats	2010	525	0.30	158	tons	360.00	56,700
	2009	27	0.14	4	tons	320.00	1,200
Wheat	2010	19,149	0.98	18,766	tons	182.00	3,415,400
	2009	13,393	1.07	14,331	tons	194.00	2,780,100
Hay							
Alfalfa	2010	44,740	9.70	433,978	tons	109.00	47,303,600
	2009	48,267	8.50	410,270	tons	110.00	45,129,600
Barley	2010		None				
	2009		None				
Bermuda Grass	2010	1,837	7.80	14,329	tons	117.00	1,676,400
	2009	2,050	5.10	10,455	tons	112.00	1,171,000
Four Way	2010	273	2.60	710	tons	128.00	90,900
	2009	376	3.50	1,316	tons	125.00	164,500
Klein Grass	2010		Miscellaneous				
	2009	2,607	8.50	22,160	tons	105.00	2,326,700
Oats	2010	2,146	1.70	3,648	tons	160.00	583,700
	2009	2,843	2.60	7,392	tons	105.00	776,100
Sudan	2010	1,640	4.60	7,544	tons	138.00	1,041,100
	2009	2,204	5.10	11,240	tons	123.00	1,382,600
Teff Grass	2010		Miscellaneous				
	2009	327	7.50	2,453	tons	150.00	367,900
Wheat	2010		None				
	2009		None				
Miscellaneous*	2010	515	2.90	1,494	tons	112.00	167,300
	2009		None				
Pasture-Irrigated	2010	2,708		2,708	acres	118.00	319,500
	2009	2,744		2,744	acres	118.00	323,800
Rangeland	2010	25,000		25,000	acres	2.00	50,000
	2009	25,000		25,000	acres	2.00	50,000



FIELD AND SEED CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Silage and Green Chop							
Alfalfa	2010	880	45.00	39,600	tons	34.00	1,346,400
	2009	1,028	48.00	49,344	tons	30.00	1,480,300
Barley	2010		None				
	2009	318	4.20	1,336	tons	24.50	32,700
Corn	2010	685	27.00	18,495	tons	44.00	813,800
	2009	913	22.20	20,269	tons	45.00	912,100
Oats	2010	858	5.00	4,290	tons	35.00	150,200
	2009	729	5.40	3,937	tons	18.50	72,800
Sorghum	2010	820	10.00	8,200	tons	39.50	323,900
	2009	1,226	14.50	17,777	tons	40.00	711,100
Sudan	2010	200	18.00	3,600	tons	24.00	86,400
	2009	85	18.20	1,547	tons	24.00	37,100
Triticale	2010	1,882	15.00	28,230	tons	45.00	1,270,400
	2009	2,363	9.50	22,449	tons	30.00	673,500
Wheat	2010	4,542	6.50	29,523	tons	35.00	1,033,300
	2009	3,273	2.85	9,328	tons	40.00	373,100
TOTAL	2010	117,743					81,328,300
	2009	117,140					69,699,800

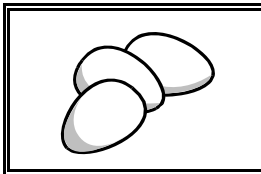
* Includes: Hay - Klein Grass, Hay - Teff Grass, Safflower.



LIVESTOCK AND POULTRY

	Year	Number of Head	Total Liveweight	Unit	Value	
					Per Unit	Total
Cattle and Calves	2010	35,665	188,832	cwt	80.69	15,236,900
	2009	38,783	205,260	cwt	66.96	13,744,200
Sheep and Lambs	2010	9,924	12,193	cwt	120.00	1,463,200
	2009	30,274	14,769	cwt	109.00	1,609,800
Other Livestock*	2010			various		1,300,000
	2009			various		2,750,000
TOTAL	2010					\$18,000,100
	2009					18,104,000

* Includes Baby Chicks, Chickens, Ducks, Pheasants.



LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Value	
				Per Unit	Total
Eggs	2010	101,890,400	dozen	0.70	71,323,300
	2009	104,214,000	dozen	0.73	76,076,200
Milk*	2010	9,682,030	cwt	15.04	145,617,700
	2009	10,158,947	cwt	11.78	119,672,400
Other Products**	2010				985,200
	2009				820,200
TOTAL	2010				\$217,926,200
	2009				196,568,800

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

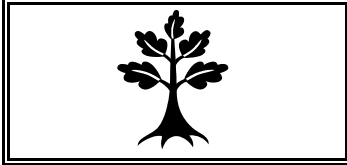
**Includes Wool, Manure.



AQUACULTURE

	Year	Production	Unit	Value	
				Per Unit	Total
Catfish	2010	240,000	lbs	2.20	528,000
	2009	209,107	lbs	2.50	522,800
Miscellaneous*	2010		various		447,500
	2009		various		854,000
Tilapia	2010	1,547,520	lbs	2.55	3,946,200
	2009	1,597,978	lbs	2.42	3,867,100
Total	2010				\$4,921,700
	2009				5,243,900

* Includes Goldfish, Koi, Tropical Fish, Bass.



NURSERY STOCK PRODUCTION

	Year	Acres	Production	Unit	Valuation
Ornamental Nursery Stock	2010	5,122	40,468,595	various	131,470,900
	2009	4,789	47,839,166	various	162,801,100
Cut Flowers	2010	219	3,082,103	cuttings	2,841,300
	2009	287	640,790	cuttings	2,449,400
Cut Greens	2010	4	1,215,000	cuttings	293,100
	2009	See Cut Flowers			
Christmas Trees (cut)	2010	15	1,500	each	62,500
	2009	30	3,000	each	125,000
Turf	2010	3,281	120,804,974	square feet	29,391,600
	2009	3,431	139,186,360	square feet	33,784,300
Farm Planting Stock	2010	109	324,340	various	5,281,900
	2009	153	738,142	various	7,340,100
TOTAL	2010	8,750			\$169,341,300
	2009	8,690			206,499,900



APICULTURE

	Year	Production	Unit	Value	
				Per	Total
				Unit	
Honey	2010	1,292,000	lbs	1.35	1,744,200
	2009	590,990	lbs	1.31	774,200
Beeswax	2010	22,160	lbs	2.03	45,000
	2009	11,500	lbs	2.28	26,200
Queen Cells	2010	0	each		-
	2009	600	each	16.00	9,600
Fees Collected for Pollination	2010	23,110	colonies	123.00	2,842,500
	2009	31,400	colonies	134.00	4,207,600
Total Colonies	2010	38,000			
	2009	52,300			
TOTAL	2010				\$4,631,700
	2009				5,017,600

DISTRICT VALUATIONS - AGRICULTURAL CROPS

District	2006	2007	2008	2009	2010
Riverside/Corona	97,897,700	118,897,000	100,431,600	82,565,100	79,207,200
San Jacinto/Temecula Valley	184,517,700	194,148,400	165,022,400	130,157,200	137,756,700
Coachella Valley	483,174,000	486,898,900	503,782,700	484,825,900	533,846,400
Palo Verde Valley	90,534,900	112,961,900	165,870,000	92,796,900	98,597,300
Total Crop Valuation	856,124,300	912,906,200	935,106,700	790,345,100	849,407,600

ACREAGE STATISTICS

Crop	2006	2007	2008	2009	2010
Citrus	18,568	19,401	17,691	17,355	17,105
Tree and Vine	27,501	28,417	28,408	27,979	27,745
Vegetable, Melons, Misc.	34,057	37,278	38,142	30,902	38,570
Field and Seed	125,311	118,373	153,784	117,140	117,743
Nursery	10,782	10,581	7,987	8,690	8,750
Total Planted Acreage	216,219	214,050	246,012	202,066	209,913

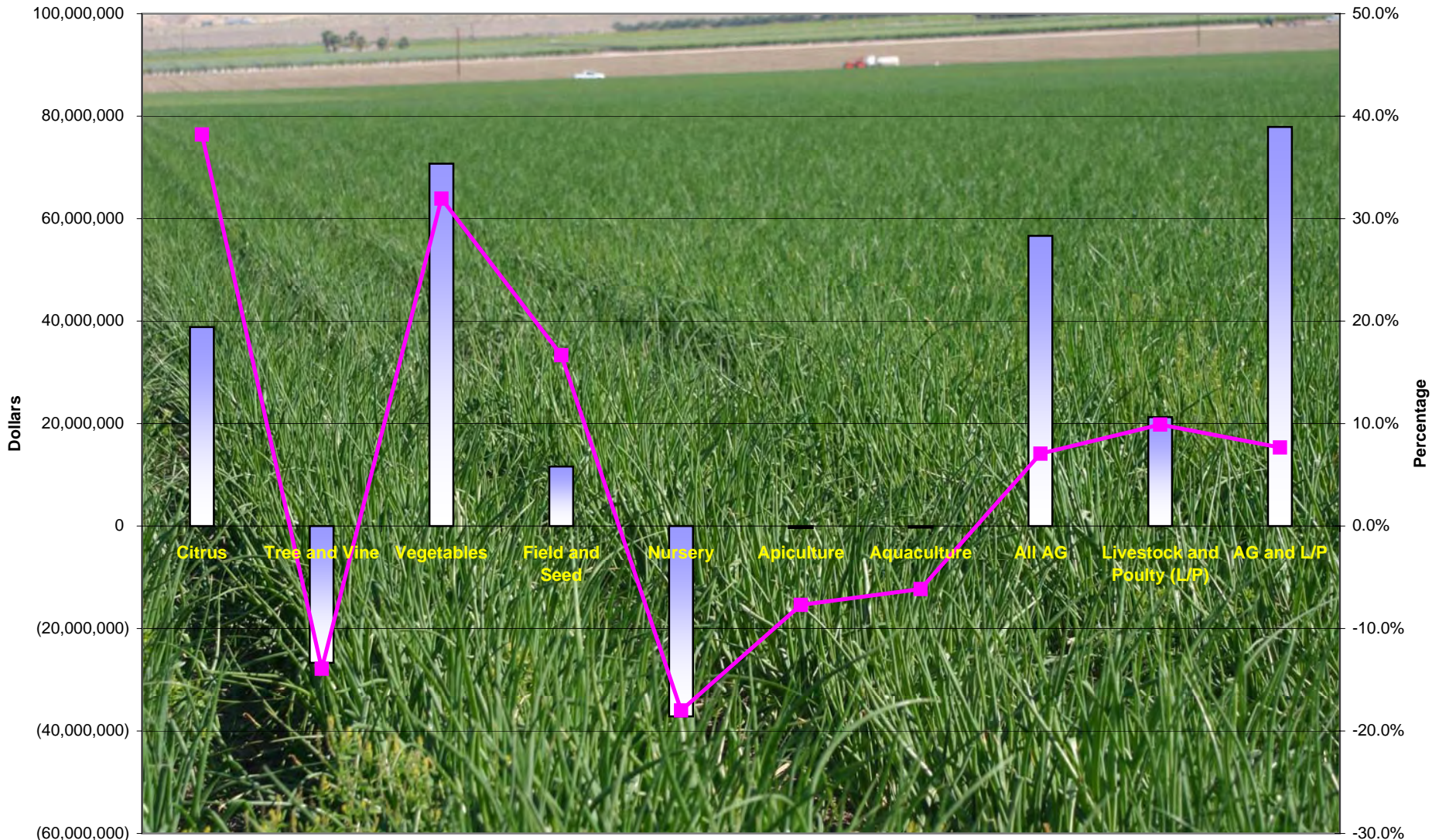
TOTAL VALUATION - F.O.B.

Crop	2006	2007	2008	2009	2010
Citrus	107,897,000	121,387,100	135,759,800	101,652,000	140,501,000
Tree and Vine	191,321,200	189,286,500	173,678,000	191,682,600	164,994,000
Vegetable, Melons, Misc.	213,643,300	234,854,700	266,414,900	221,286,700	292,002,200
Field and Seed	68,611,700	94,492,000	123,545,400	69,699,800	81,328,300
Nursery	270,992,800	272,326,200	230,416,200	206,499,900	169,341,300
Total Crop	<u>867,535,000</u>	<u>926,124,600</u>	<u>947,529,000</u>	<u>801,082,500</u>	<u>857,720,200</u>
Livestock and Poultry	234,903,400	338,938,600	321,060,900	214,672,800	235,926,300
GRAND TOTAL	<u>1,102,438,400</u>	<u>1,265,063,200</u>	<u>1,268,589,900</u>	<u>1,015,755,300</u>	<u>1,093,646,500</u>

Production Valuation Changes 2009 to 2010

<u>Crop</u>	<u>Value</u>		<u>Value Change (\$)</u>	<u>Value Change (%)</u>
	<u>2010</u>	<u>2009</u>		
Citrus	140,501,000	101,652,000	38,849,000	38.2%
Tree and Vine	164,994,000	191,682,600	(26,688,600)	-13.9%
Vegetables	292,002,200	221,286,700	70,715,500	32.0%
Field and Seed	81,328,300	69,699,800	11,628,500	16.7%
Nursery	169,341,300	206,499,900	(37,158,600)	-18.0%
Apiculture	4,631,700	5,017,600	(385,900)	-7.7%
Aquaculture	4,921,700	5,243,900	(322,200)	-6.1%
All AG	857,720,200	801,082,500	56,637,700	7.1%
Livestock and Poultry (L/P)	235,926,300	214,672,800	21,253,500	9.9%
AG and L/P	1,093,646,500	1,015,755,300	77,891,200	7.7%

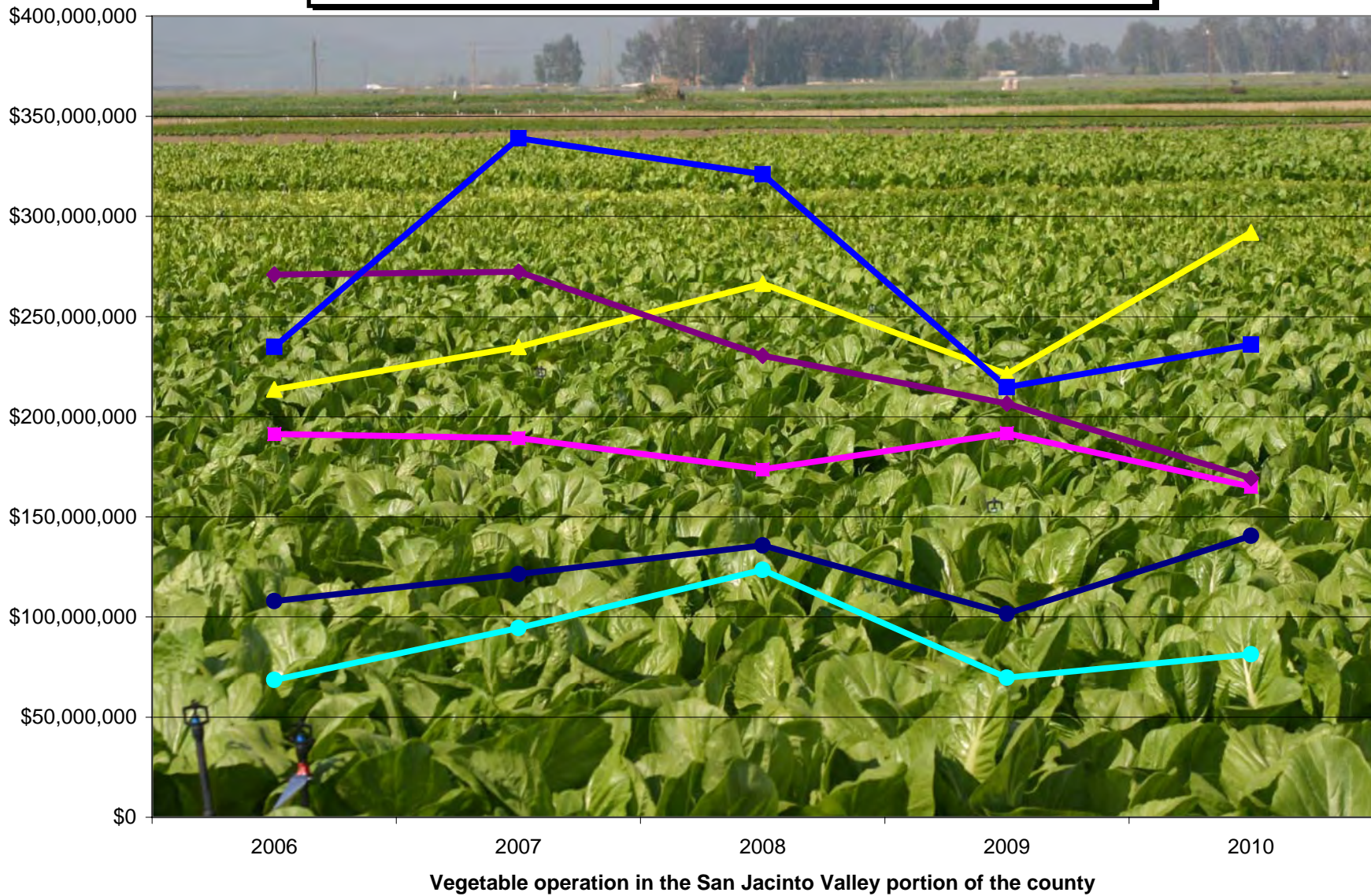
Production Valuation Changes - Major Crops - 2009 to 2010



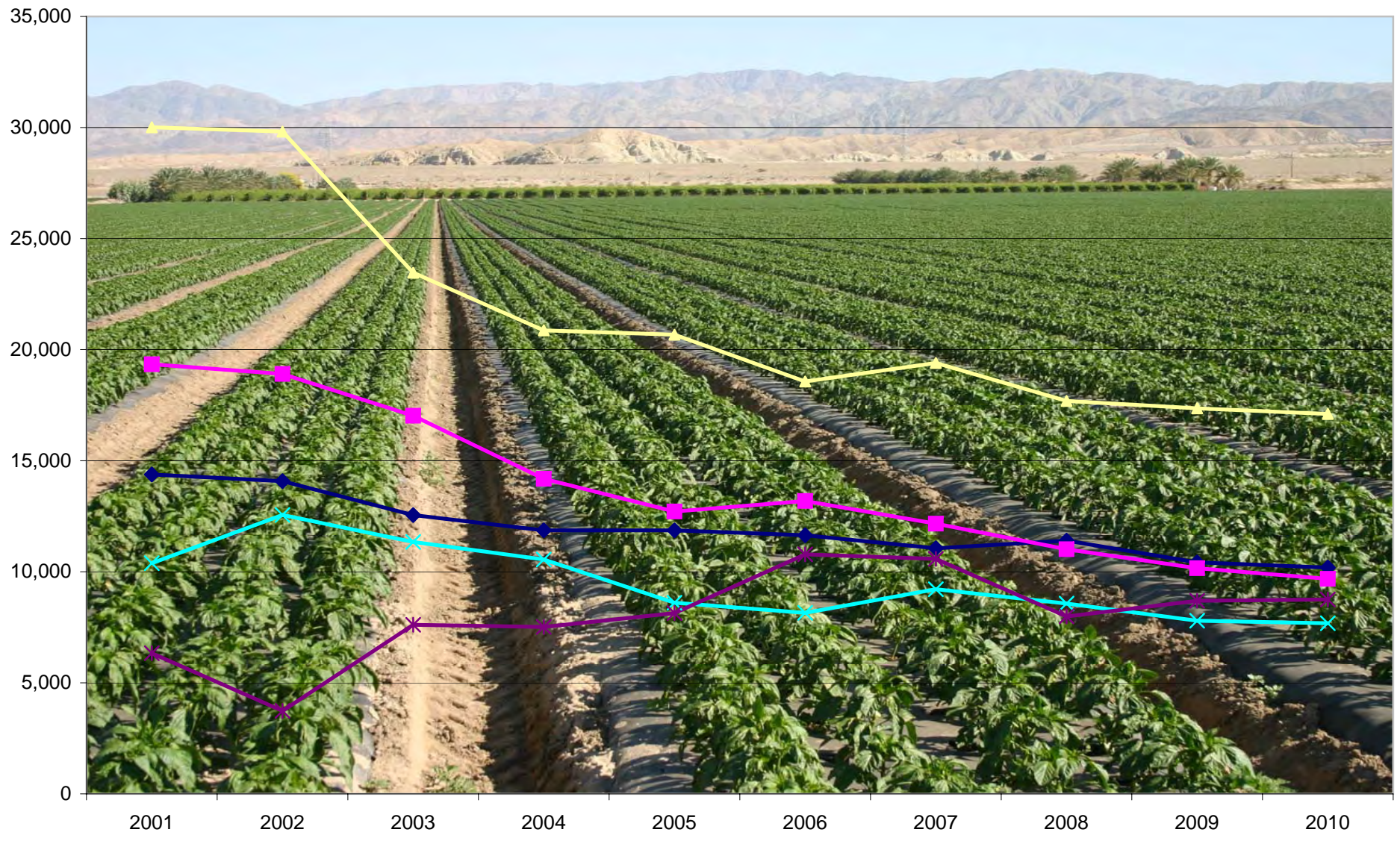
Onion field in the Coachella Valley

Value Change (\$)
 Value Change (%)

Agricultural Production Valuations by Crop Type 2006-2010



Major Crop Trends 2001-2010



Bell Pepper field in the Coachella Valley

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

RIVERSIDE COUNTY LEADING AGRICULTURAL VALUATIONS

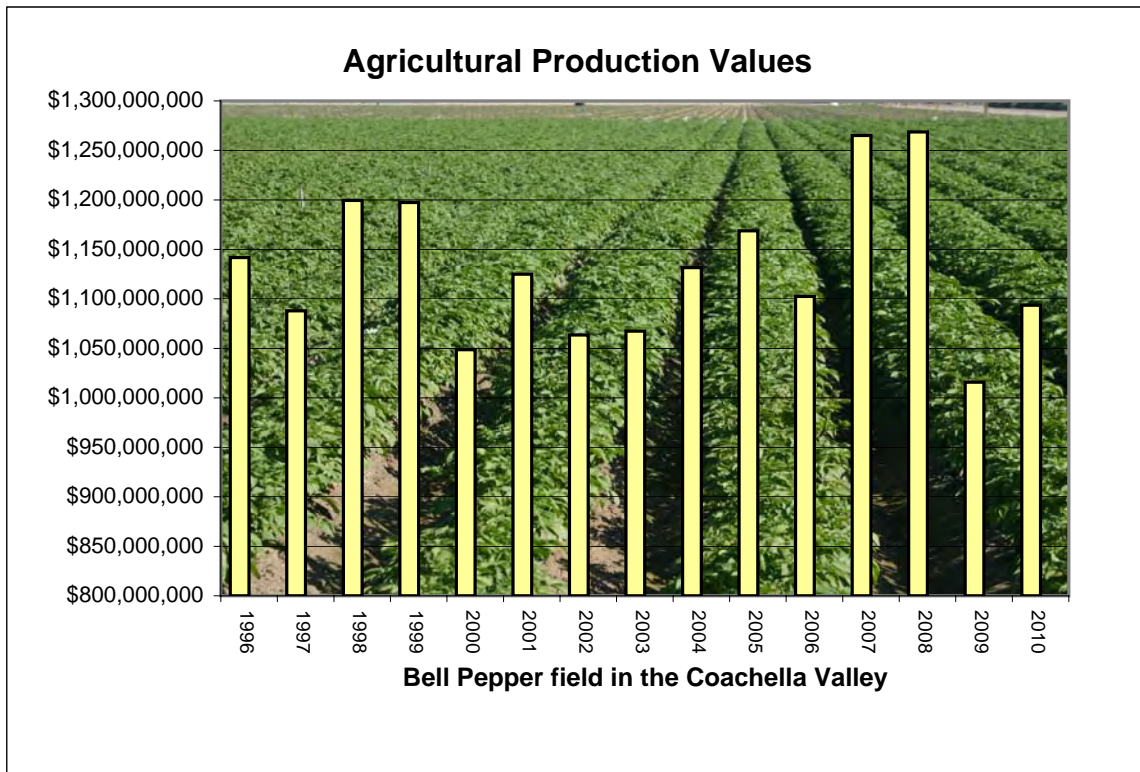
		<u>2009</u>			<u>2010</u>
1	Nursery Stock	\$206,499,900	1	Nursery Stock	\$169,341,300
2	Milk	119,672,400	2	Milk	145,617,700
3	Grapes, Table	117,315,400	3	Grapes, Table	92,186,700
4	Eggs	76,076,200	4	Peppers, bell	89,903,700
5	Peppers, Bell	68,019,100	5	Eggs	71,323,300
6	Lemons	52,957,800	6	Lemons	70,156,200
7	Hay	51,318,400	7	Hay	50,695,700
8	Dates	33,172,800	8	Dates	36,536,900
9	Avocados	29,677,400	9	Grapefruit	36,276,500
10	Grapefruit	26,638,300	10	Avocados	23,551,100
11	Carrots	13,803,100	11	Lettuce, Romaine	22,814,200
12	Cattle/Calves	13,744,200	12	Oriental Vegetables	21,805,800
13	Broccoli	13,039,600	13	Cotton	21,462,300
14	Watermelons	12,301,300	14	Vegetable, miscellaneous	18,814,800
15	Vegetable, miscellaneous	11,582,400	15	Tangerines/Mandarins	18,247,400
16	Cauliflower	11,476,800	16	Cattle/Calves	15,236,900
17	Tangerines/Mandarins	10,987,000	17	Potatoes	13,055,100
18	Corn, Sweet	10,692,300	18	Watermelons	12,434,000
19	Cotton	10,640,000	19	Carrots	12,251,800
20	Potatoes	8,197,200	20	Broccoli	11,431,000

CALIFORNIA'S LEADING AGRICULTURAL COUNTIES BY TOTAL VALUE OF PRODUCTION

<u>RANK</u>	<u>COUNTY</u>	<u>2007</u> <u>VALUE (\$)</u>	<u>COUNTY</u>	<u>2008</u> <u>VALUE (\$)</u>	<u>COUNTY</u>	<u>2009</u> <u>VALUE (\$)</u>
1	Fresno	5,345,352,000	Fresno	5,669,527,000	Fresno	5,372,009,000
2	Tulare	4,873,743,000	Tulare	5,017,955,000	Tulare	4,046,355,000
3	Kern	4,092,107,000	Kern	4,032,830,000	Monterey	4,033,718,000
4	Monterey	3,823,287,000	Monterey	3,829,123,000	Kern	3,606,356,000
5	Merced	3,001,667,000	Merced	2,972,698,000	Merced	2,460,474,000
6	Stanislaus	2,412,339,000	Stanislaus	2,463,787,000	Stanislaus	2,310,071,000
7	San Joaquin	2,005,185,000	San Joaquin	2,129,812,000	San Joaquin	2,000,474,000
8	Kings	1,761,852,000	Kings	1,760,168,000	Ventura	1,621,575,000
9	Ventura	1,547,263,000	Imperial	1,684,522,000	San Diego	1,548,124,000
10	San Diego	1,536,260,000	Ventura	1,611,091,000	Imperial	1,452,970,000
11	Imperial	1,369,147,000	San Diego	1,552,102,000	Kings	1,304,783,000
12	Riverside	1,265,063,000	Madera	1,310,789,000	Santa Barbara	1,241,400,000
13	Madera	1,219,297,000	Riverside	1,268,590,000	Riverside	1,015,755,000

RIVERSIDE COUNTY AGRICULTURAL PRODUCTION VALUES 1996-2010

<u>YEAR</u>	<u>VALUE</u>	<u>STATE RANKING</u>
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	\$1,265,063,200	12
2008	\$1,268,589,900	13
2009	\$1,015,755,300	13
2010	\$1,093,646,500	



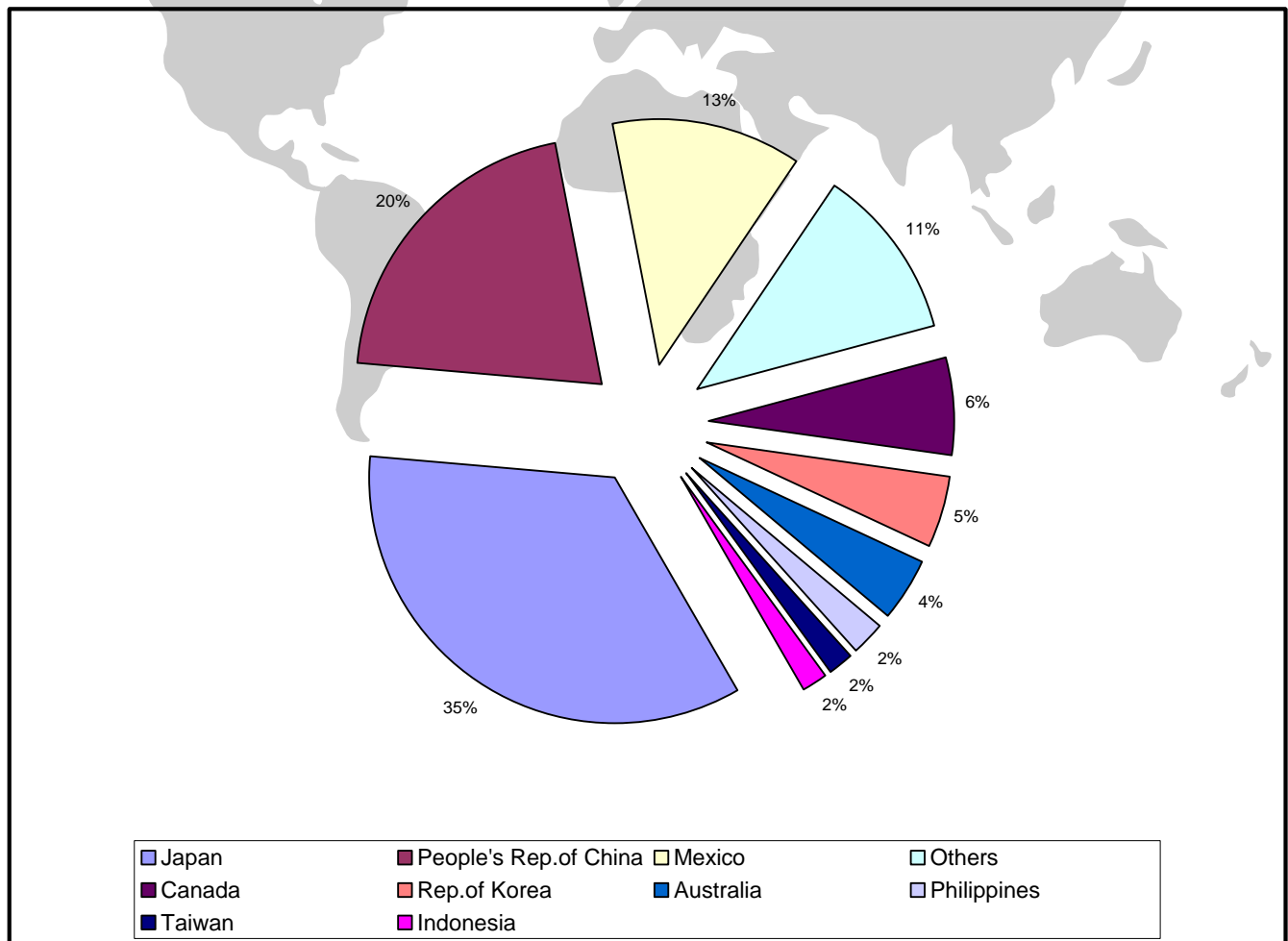
2010 Million Dollar Commodities

<u>2010 Rank</u>	<u>Commodity</u>	<u>2009 Rank</u>	<u>2010 Value</u>
1	Nursery Stock	1	\$169,341,300
2	Milk	2	145,617,700
3	Grapes, Table	3	92,186,700
4	Peppers, Bell	5	89,903,700
5	Eggs	4	71,323,300
6	Lemons	6	70,156,200
7	Hay	7	50,695,700
8	Dates	8	36,536,900
9	Grapefruit	10	36,276,500
10	Avocados	9	23,551,100
11	Lettuce, Romaine	21	22,814,200
12	Oriental Vegetables	32	21,805,800
13	Cotton	19	21,462,300
14	Vegetable, miscellaneous	15	18,814,800
15	Tangerines/Mandarins	17	18,247,400
16	Cattle/Calves	12	15,236,900
17	Potatoes	20	13,055,100
18	Watermelons	14	12,434,000
19	Carrots	11	12,251,800
20	Broccoli	13	11,431,000
21	Corn, Sweet	18	11,251,700
22	Strawberries	36	10,219,500
23	Lettuce, Loose Leaf	39	10,061,200
24	Spices/Herbs	33	8,952,200
25	Cauliflower	16	7,819,100
26	Oranges, Navel	26	7,661,800
27	Oranges, Valencia	31	7,616,200
28	Beans, Green	23	7,489,900
29	Grapes, Wine	24	7,339,200
30	Celery	25	5,603,600
31	Artichokes	28	5,033,500
32	Silage/Green Chop	34	5,024,400
33	Aquaculture	29	4,921,700
34	Apiculture	30	4,631,700
35	Tree/Vine, miscellaneous	35	3,888,900
36	Lettuce, Head	27	3,718,200
37	Grain	41	3,609,100
38	Melons, Honeydew	38	3,512,100
39	Eggplant	37	3,250,900
40	Melons, Cantaloupe	43	2,615,300
41	Melons, mixed	44	2,329,700
42	Spinach	22	2,007,000
43	Radishes	n/a	1,503,800
44	Sheep/Lambs	45	1,463,200
45	Tomatoes	40	1,462,500
46	Other Livestock	42	1,300,000
47	Peaches	n/a	1,216,700
48	Onions, Dry	n/a	1,105,400

PHYTOSANITARY EXPORT CERTIFICATION – 2010

All Export Countries

Angola	Dominican Republic	Japan	Qatar
Argentina	Ecuador	Kenya	Republic of Korea
Australia	El Salvador	Lebanon	Russian Federation
Bahamas	France	Malaysia	Saudi Arabia
Bahrain	French Polynesia	Mexico	Singapore
Bangladesh	Germany	Morocco	Spain
Barbados	Guatemala	Netherlands	Sri Lanka
Belize	Honduras	New Caledonia	Switzerland
Bermuda	Hong Kong	New Zealand	Taiwan
Brazil	India	Nicaragua	Thailand
Cambodia	Indonesia	Pakistan	Uganda
Canada	Ireland	Panama	United Arab Emirates
Chile	Israel	People's Rep. of China	United Kingdom
Columbia	Italy	Peru	Vietnam
Costa Rica	Jamaica	Philippines	Zambia



PHYTOSANITARY EXPORT CERTIFICATION – 2010

All Commodities Certified

Vegetables	Herbs	Fruits
Anise	Basil	Avocados
Artichokes	Chives	Blueberries
Beans	Cilantro	Cherries
Beets	Dill	Citrus
Bok Choy	Mint	Dates
Broccoli	Oregano	Grapes, Table
Cabbage, Napa	Rosemary	Mangoes
Cardon	Sage	Melons
Cauliflower	Savory	Prunes
Celery	Thyme	Watermelons
Chard		
Seeds	Nursery Stock	Straw
Broccoli	Apple Cuttings	Bermuda Grass
Cauliflower	Assorted Plants	Fescue
Citrus	Citrus Bud Stems	Rye Grass
Cotton	Date Palm Shoots	
Flax		
Okra		
Sunflower		
Tomato		
	Grain	Pellets
	Corn	Alfalfa
	Wheat	

SUSTAINABLE AGRICULTURE - 2010

ORGANIC FARMING

115 Organic producers registered in Riverside County.

PEST DETECTION (Commercial and Urban)

<u>Activity</u>	<u>Hours</u>
Commercial Crops	638.0
Public Contact	71.5
Special Surveys:	
EGVM	929.5
Other	57.0
Red Imported Fire Ant	14.0

<u>Citrus Tristeza Indexing (Coachella Valley)</u>	<u>Numbers</u>
Commercial	
Properties tested	2
Acres sampled	54.5
Samples tested biochemically	201
“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	101
Gypsy Moth	114
Khapra Beetle	26
Asian Citrus Psyllid	1267
Light Brown Apple Moth	480
EGVM	4,856

PEST EXCLUSION (Incoming plant shipments)

<u>Units profiled</u>	<u>Units inspected</u>	<u>Rejections</u>
7,331	2,128	55

PEST ABATEMENT/ HOLD NOTICES

<u>Pest</u>	<u>Properties</u>
California Red Scale	3
Sting Nematode	7
Citrus Tristeza Virus	0
Glassy-Winged Sharpshooter	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)
	<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.

2010 Pest Interceptions

Scientific Name	Common Name (If any)	Pest Rating	# of Interceptions
<i>Solenopsis invicta</i>	Red Imported Fire Ant	A	4
<i>Homalodisca vitripennis</i>	Glassy-Winged Sharpshooter	B	4
<i>Bagrada hilaris</i>	Bagrada Bug	B	3
<i>Aonidiella aurantii</i>	California Red Scale	B	2
<i>Ferrisia virgata</i>	A Striped Mealybug	B	1
<i>Antonina pretiosa</i>	A Mealybug	B	1



2010 Pest Interceptions

<i>Genus unidentified</i>	Unidentifiable	Q	7
<i>Heterogaster urticae</i>	Nettle Ground Bug	Q	4
Virus	Tomato Yellow Leaf Curl	Q	3
<i>Technomyrmex albipes</i>	White Footed Ant	Q	2
<i>Miscanthicoccus miscanthi</i>	Grass Mealybug	Q	2
<i>Sipha maydis</i>	Cereal Aphid	Q	1
<i>Pseudococcus sp.</i>	A Mealybug	Q	1
<i>Planococcus sp.</i>	A Mealybug	Q	1
<i>Eupteryx decemnotata</i>	Ligurian Leafhopper	Q	1
<i>Agallia sp.</i>	A Leafhopper	Q	1

“A” is an organism of known economic importance subject to state (or agricultural commissioner) enforcement action.

“B” is an organism of known economic importance subject to enforcement action at the discretion of the agricultural commissioner.

“Q” is an organism suspected to be of economic importance but its status is uncertain because of incomplete or inadequate information.

Pest Interceptions – Summary 2006 thru 2010

Year	Total	A	B	Q
2010	38	4	11	23
2009	72	13	21	38
2008	131	58	39	34
2007	72	7	22	43
2006	93	13	36	44

STAFF MEMBERS – 2010

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Executive Assistant

Patrice Wyatt

Assistant Agricultural Commissioner/Sealer of Weights and Measures

G. Dustin Wiley

Deputy Agricultural Commissioner/Sealers

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Suzanne Nickau
Keith Selnick

Agricultural & Standards Investigators

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Megan Barron
Dennis Blackman
Lucy Candelario
Jennifer Chandler
Ven Chien
Courtney Cooper
Andrea Dillon

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Brian Larson
Jeremy Larson
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Harry Loukatos
Victor Miranda
Diana Nguyen
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