

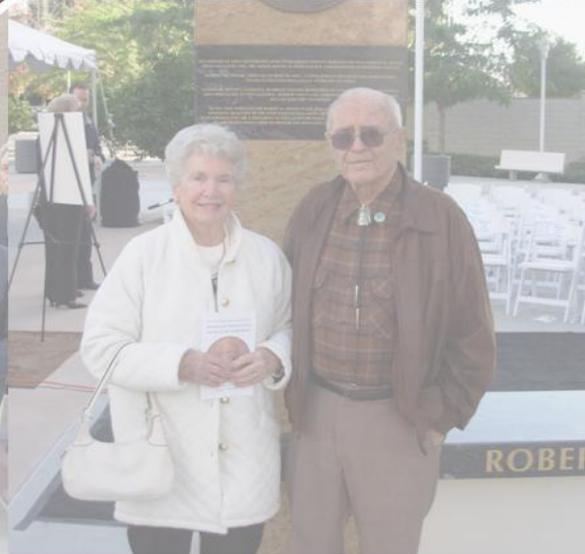
RIVERSIDE COUNTY

2006

AGRICULTURAL PRODUCTION REPORT

ROBERT M. HOWIE PLAZA

ROBERT M. HO



ROBERT



ROBERT M. HOWIE SPECIAL TRIBUTE EDITION





On the front cover: Our cover this year represents a special tribute to a special man and depicts the ceremony which recently honored Agricultural Commissioner Emeritus, Robert M. Howie.

Agriculture plays a vital role in Riverside County both economically and culturally. For twenty eight years, from 1954 to 1982, Robert M. Howie served as the Riverside County Agricultural Commissioner. During his tenure, Riverside County became one of the top agricultural producing counties in California and saw substantial production increases in citrus, dairy products, vegetables, grapes, eggs, and nursery stock.

In 1983, to honor Mr. Howie's 48 years of service and contributions to Riverside County agriculture, the Board of Supervisors dedicated the plaza area outside of the County Administrative Center (CAC) as the Robert M. Howie Citrus Plaza. The plaza consisted of several orange trees and a modest monument briefly describing his contributions to the County.

Due to the later construction/expansion of the CAC annex, the Plaza was relocated to the northwest corner of the CAC complex. Based on input from county staff, many interested supporters and stake holders within the agricultural community, a new monument for the Robert M. Howie Plaza was designed to recognize both the agricultural community and Mr. Howie. Nine Washington navel orange trees are currently in place. On December 12, 2006, the Robert M. Howie Plaza and Monument was officially re-dedicated.

The charts and graphs on pages 20-31 of this report highlight some of the changes that occurred during Mr. Howie's tenure. Also, highlighting the dedication ceremony and Mr. Howie's career, we have provided various pictures, as well as some excerpts, from the ceremony program.



JOHN SNYDER

Agricultural Commissioner
Sealer of Weights & Measures

AGRICULTURAL COMMISSIONER'S OFFICE

4080 LEMON STREET, ROOM 19
P.O. BOX 1089
RIVERSIDE, CA 92502-1089
PHONE (951) 955-3000
FAX (951) 955-3012
www.rivcoag.org

WEIGHTS & MEASURES DIVISION

2950 WASHINGTON STREET
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

John Tavaglione, Chairman, District II

Bob Buster, District I
Jeff Stone, District III

Roy Wilson, District IV
Marion Ashley, District V

I am pleased to submit the 2006 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 \$1,102,438,400, which is a decrease of \$66.2 Million (6.0%) from the 2005 gross value. The gross value for **Agricultural Crops** was \$867,535,600, a decrease of \$43.3 Million (5.0%) from the previous year. The gross value of **Livestock and Poultry** production was \$234,903,400, a decrease of \$22.9 Million (9.8%) from the 2005 value.

For the fourth year in a row, **Nursery Stock** ranked as the top valued crop in the county. **Nursery** production values increased \$41.8 Million (15.4%) from last year to 271.0 Million, while **Milk** production values decreased \$24.6 Million (15.7%) to 156.8 Million to remain in second place. Rounding out the top five crops in the County, **Table Grapes** increased \$5.4 Million (5.1%) to \$105.5 Million, **Bell Peppers** decreased \$10.8 Million (17.4%) to \$62.1 Million, and **Egg** values increased 9.6 Million (18.0%) to \$53.6 Million.

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 2006, has the financial impact of three and a half times that amount. Therefore, the total value of **\$1,102,438,400** represents a financial impact of more than **\$3,858,534,400** into the local and regional economy.

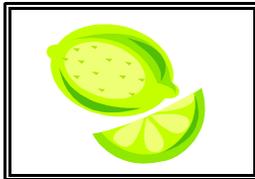
I wish to express my sincere appreciation to the producers, processors, and agencies that have generously provided the information necessary for the compilation of this report. I would also like to sincerely thank and recognize all of the members of my staff for their contributions toward the preparation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

TABLE OF CONTENTS

CITRUS CROPS	1
TREE AND VINE CROPS	2
VEGETABLE, MELON AND MISCELLANEOUS CROPS	3-4
FIELD AND SEED CROPS	5-6
LIVESTOCK AND POULTRY	7
LIVESTOCK AND POULTRY PRODUCTS	7
AQUACULTURE	7
NURSERY STOCK PRODUCTION	8
APICULTURE	8
SUMMARIES –DISTRICT VALUATIONS, ACREAGE STATISTICS, TOTAL VALUES	9
RIVERSIDE COUNTY LEADING AGRICULTURAL VALUATIONS	10
CALIFORNIA’S LEADING AGRICULTURAL COUNTIES	10
COUNTY AGRICULTURAL PRODUCTION VALUES 1991-2006	11
AGRICULTURAL PRODUCTION VALUATION 2002-2006	12
MAJOR CROP TRENDS 1997-2006	13
MILLION DOLLAR COMMODITIES	14
PHYTOSANITARY EXPORT CERTIFICATION SUMMARIES	15-16
SUSTAINABLE AGRICULTURE REPORTS	17-18
STAFF MEMBERS	19
ROBERT M. HOWIE TRIBUTE SECTION	20-31



CITRUS CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Value		
				Per Acre	Total	Unit	Per Unit	Total
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-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-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-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-White	2006	528	528	434	229,152	34 lbs	7.90	1,810,300
By-Products	2006			138	72,864		0.57	41,500
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
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
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
Miscellaneous*	2006	64	64	6.14	393	tons	450.00	176,800
By-Products	2006			0.00	0	tons	0.00	-
Miscellaneous*	2005	122	82	7.06	579	tons	398.00	230,400
By-Products	2005			1.22	100	tons	65.00	6,500
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-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-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
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
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
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
Tangelos	2006	392	392	325	127,400	30 lbs	10.57	1,346,600
By-Products	2006			107	41,944		1.80	75,500
Tangelos	2005	720	574	531	304,794	30 lbs	8.51	2,593,800
By-Products	2005			133	76,342		2.05	156,500
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
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
TOTAL	2006	18,568	18,346				\$	107,897,000
	2005	20,675	20,071					138,244,700

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



TREE AND VINE CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Value		
				Per Acre	Total	Unit	Per Unit	Total
Apples	2006	63	63	40	2,520	40 lbs	4.00	10,100
	2005	51	51	175	8,925	40 lbs	12.00	107,100
Apricots	2006	14	14	200	2,800	20 lbs	15.00	42,000
	2005	15	15	200	3,000	20 lbs	13.50	40,500
Avocados	2006	7,501	7,428	291	2,161,548	26 lbs	18.33	39,621,200
	2005	7,501	7,428	222	1,649,016	26 lbs	27.43	45,232,500
Cherries	2006	29	29	275	7,975	18 lbs	35.00	279,100
	2005	26	26	180	4,680	18 lbs	30.00	140,400
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
Dates	2005	7,306	6,220	5.36	33,339	tons	1,029.00	34,306,000
Culls	2005			0.54	3,359	tons	40.00	134,400
Grapes - Table* (Total)	2006	10,299	8,150	Listed by Variety below.				105,524,300
	2005	10,077	8,606					100,103,500
Beauty Seedless	2006	163	163	667	108,721	18 lbs	19.49	2,119,000
	2005	n/a	139	716	99,524	18 lbs	16.98	1,689,900
Exotic	2006	25	12	450	5,400	18 lbs	24.00	129,600
	2005	n/a	13	1,339	17,407	18 lbs	15.90	276,800
Flame Seedless	2006	4,011	3,900	661	2,577,900	18 lbs	19.70	50,784,600
	2005	n/a	4,040	829	3,349,160	18 lbs	14.69	49,199,200
Perlette	2006	937	937	519	486,303	18 lbs	19.18	9,327,300
	2005	n/a	1,525	590	899,750	18 lbs	11.32	10,185,200
Thompson Seedless	2006	1,239	1,239	523	647,997	18 lbs	17.89	11,592,700
	2005	n/a	1,426	1,043	1,487,318	18 lbs	12.32	18,323,800
Other Varieties	2006	3,985	1,899	734	1,393,866	18 lbs	22.65	31,571,100
	2005	n/a	1,463	963	1,408,869	18 lbs	14.50	20,428,600
Grapes - Wine	2006	1,548	1,500	2.40	3,600	tons	1,111.00	3,999,600
	2005	1,705	1,650	2.50	4,125	tons	963.00	3,972,400
Jojoba	2006	105	5	300	1,500	1 lbs	11.50	17,300
	2005	254	104	174	18,096	1 lbs	2.50	45,200
Miscellaneous**	2006	394	198	15.70	3,109	tons	858.00	2,667,200
	2005	1,565	1,407	7	9,455	tons	440.00	4,160,200
Peaches	2006	71	71	426	30,246	22 lbs	13.53	409,200
	2005	68	68	197	13,396	22 lbs	13.04	174,700
Pears	2006	21	21	90	1,890	22 lbs	16.00	30,200
	2005	18	18	90	1,620	22 lbs	13.00	21,100
Persimmons	2006	31	31	400	12,400	24 lbs	12.00	148,800
	2005	24	24	400	9,600	24 lbs	12.00	115,200
TOTAL	2006	27,501	22,920					\$ 191,321,200
	2005	28,610	25,617					188,553,200

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

** Includes: Figs, Mangoes, Plums, Walnuts, Other. No Harvest (Cherimoya, Guava, Longans, Lychees, Nectarines, Olives, Pomegranates).



VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Artichokes	2006	677	475	321,575	23 lbs	15.00	4,823,600
	2005	658	700	460,600	23 lbs	12.50	5,757,500
Beans-Green	2006	884	385	340,340	30 lbs	18.00	6,126,100
	2005	649	400	259,600	28 lbs	18.60	4,828,600
Broccoli	2006	3,380	483	1,632,540	23 lbs	7.67	12,521,600
	2005	3,691	612	2,258,892	23 lbs	6.88	15,541,200
Cabbage	2006	314	714	224,196	50 lbs	5.22	1,170,300
	2005	99	776	76,824	50 lbs	4.94	379,500
Carrots	2006	1,775	800	1,420,000	48 lbs	7.50	10,650,000
	2005	2,332	850	1,982,200	48 lbs	9.48	18,791,300
Cauliflower	2006	969	632	612,408	23 lbs	6.48	3,968,400
	2005	1,347	746	1,004,862	23 lbs	7.69	7,727,400
Celery	2006	307	1,025	314,675	60 lbs	8.25	2,596,100
	2005	365	1,005	366,825	60 lbs	6.25	2,292,700
Corn-Sweet	2006	2,334	345	805,230	45 lbs	8.11	6,530,400
	2005	2,249	431	969,319	45 lbs	9.59	9,295,800
Eggplant	2006	416	750	312,000	20 lbs	10.50	3,276,000
	2005	350	1,100	385,000	20 lbs	9.25	3,561,300
Lettuce Head	2006	1,959	644	1,261,596	50 lbs	7.29	9,197,000
	2005	655	429	280,668	50 lbs	7.47	2,096,600
Loose Leaf	2006	1,620	825	1,336,500	22 lbs	7.65	10,224,200
	2005	1,860	900	1,674,000	22 lbs	7.25	12,136,500
Romaine	2006	1,072	806	864,032	35 lbs	7.45	6,437,000
	2005	2,535	847	2,147,145	35 lbs	7.03	15,094,400
Melons							
Cantaloupe	2006	1,528	498	760,944	40 lbs	5.51	4,192,800
	2005	1,285	559	718,315	40 lbs	6.37	4,575,700
Honeydew	2006	449	488	219,112	29 lbs	5.49	1,202,900
	2005	952	1,401	1,333,752	29 lbs	7.34	9,789,700
Miscellaneous	2006	1,752	8.0	14,016	tons	448.00	6,279,200
	2005	1,060	12.0	12,932	tons	478.00	6,181,500
Watermelon	2006	1,338	19.6	26,225	tons	233.00	6,110,400
	2005	1,871	24.2	45,652	tons	262.00	11,960,900



VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Miscellaneous*	2006	2,515	10.09	25,376	tons	617.00	15,657,200
	2005	1,590	4.09	6,503	tons	706.00	4,591,200
Onions-Dry	2006	254	1,275	323,850	50 lbs	6.50	2,105,000
	2005	405	1,245	504,225	50 lbs	5.85	2,949,700
Oriental Vegetables	2006	1,153	771	888,963	28 lbs	13.16	11,698,800
	2005	1,831	801	1,466,631	28 lbs	14.96	21,940,800
Peppers Bell	2006	4,482	1,108	4,966,056	30 lbs	12.50	62,075,700
	2005	4,354	1,175	5,115,950	30 lbs	14.25	72,902,300
Potatoes Fall	2006	391	227	88,757	100 lbs	14.12	1,253,200
	2005	414	245	101,430	100 lbs	11.92	1,209,000
Spring	2006	2,330	191	445,030	100 lbs	18.78	8,357,700
	2005	2,332	171	398,772	100 lbs	15.82	6,308,600
Radishes	2006	301	850	255,850	35 lbs	4.85	1,240,900
	2005	348	1,020	354,960	35 lbs	3.50	1,242,400
Spices/Herbs	2006	511	1,200	613,200	28 lbs	4.25	2,606,100
	2005	814	1,025	834,350	28 lbs	3.75	3,128,800
Spinach	2006	616	1,035	637,560	30 lbs	8.75	5,578,700
	2005	886	1,035	917,010	30 lbs	10.00	9,170,100
Squash, All	2006	235	8.56	2,012	tons	508.00	1,021,900
	2005	217	6.32	1,371	tons	592.00	811,900
Strawberries	2006	362	1,117	404,354	12 lbs	10.79	4,363,000
	2005	328	1,840	603,520	12 lbs	10.20	6,155,900
Tomatoes	2006	133	1,118	148,694	20 lbs	16.00	2,379,100
	2005	138	374	51,612	25 lbs	11.59	598,200
TOTAL	2006	34,057				\$	213,643,300
	2005	35,615					261,019,500

* Includes: Asparagus, Beets, Blueberries, Chinese Broccoli, Chinese Cabbage, Cilantro, Cucumbers, Garlic, Melons - Crenshaw, Okra, Parsley, Peppers - Chili, Pumpkins, Other.



FIELD AND SEED CROPS

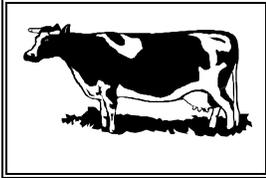
	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Cotton							
Short Staple	2006	13,110	3.63	47,589	500 lbs	250.00	11,897,300
	2005	15,087	2.99	45,110	500 lbs	250.00	11,277,500
Seed	2006		1.26	16,519	tons	135.00	2,230,000
	2005		1.00	15,087	tons	107.00	1,614,300
Lint	2006		1.89	24,778	tons	0.50	12,400
	2005		1.50	22,631	tons	0.50	11,300
Grain							
Oat	2006	None Harvested					
	2005	580	1.00	580	tons	132.00	76,600
Wheat	2006	9,350	0.54	5,049	tons	143.00	722,000
	2005	21,730	1.68	36,506	tons	136.00	4,964,900
Hay							
Alfalfa	2006	54,908	7.70	422,792	tons	103.00	43,547,500
	2005	50,191	8.50	426,624	tons	117.00	49,914,900
Barley	2006	75	1.50	113	tons	140.00	15,800
	2005	1,670	2.00	3,340	tons	110.00	367,400
Bermuda Grass	2006	1,704	6.85	11,672	tons	98.00	1,143,900
	2005	1,592	7.85	12,497	tons	100.00	1,249,700
Four Way	2006	Miscellaneous					
	2005	835	3.00	2,505	tons	110.00	275,600
Klein Grass	2006	1,806	10.20	18,421	tons	112.00	2,063,200
	2005	2,167	10.10	21,887	tons	95.00	2,079,200
Oat	2006	1,915	1.52	2,911	tons	136.00	395,900
	2005	1,469	2.25	3,305	tons	120.00	396,600
Sudan	2006	3,319	5.16	17,126	tons	119.00	2,038,000
	2005	1,587	4.67	7,411	tons	102.00	756,000
Wheat	2006	90	1.00	90	tons	85.00	7,700
	2005	200	1.00	200	tons	110.00	22,000
Miscellaneous*	2006	778	2.78	2,163	tons	175.00	378,500
	2005	841	4.33	3,642	tons	71.00	258,500
Pasture-Irrigated	2006	2,250		2,250	acres	120.00	270,000
	2005	3,097		3,097	acres	121.00	374,700
Rangeland	2006	30,000		30,000	acres	5.00	150,000
	2005	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	2006	942	50.00	47,100	tons	29.00	1,365,900
	2005	1,288	30.00	38,640	tons	30.00	1,159,200
Barley	2006	None Harvested					
	2005	75	3.90	293	tons	96.00	28,100
Corn	2006	666	24.00	15,984	tons	50.00	799,200
	2005	865	21.60	18,684	tons	38.00	710,000
Oat	2006	220	7.00	1,540	tons	34.00	52,400
	2005	391	4.40	1,720	tons	35.00	60,200
Sorghum	2006	630	23.40	14,742	tons	42.00	619,200
	2005	Miscellaneous					
Sudan	2006	None Reported					
	2005	Miscellaneous					
Wheat	2006	3,410	7.90	26,939	tons	33.00	889,000
	2005	5,203	9.50	49,429	tons	28.00	1,384,000
Seed							
Bermuda Grass	2006	Miscellaneous					
	2005	None Reported					
Sugar Beets	2006	138	1.00	138	tons	100.00	13,800
	2005	80	40.0	3,200	tons	98.5	315,200
TOTAL	2006	125,311				\$	68,611,700
	2005	138,948					77,445,900

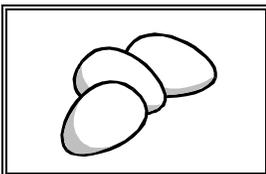
* Includes: Grain - Barley, Hay - Timothy Grass, Hay - Four Way, Hay - Straw, Seed - Bermuda Grass.



LIVESTOCK AND POULTRY

	Year	Number of Head	Total Liveweight	Unit	Value	
					Per Unit	Total
Cattle and Calves	2006	46,600	253,000	cwt	73.50	18,595,500
	2005	54,100	293,300	cwt	80.00	23,464,000
Sheep and Lambs	2006	23,900	15,700	cwt	86.00	1,350,200
	2005	29,100	48,400	cwt	84.00	4,065,600
Other Livestock*	2006			various		4,473,000
	2005			various		4,872,900
TOTAL	2006				\$	24,418,700
	2005					32,402,500

* Includes Baby Chicks, Ducks, Pheasants.

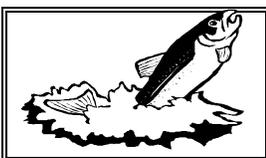


LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Value	
				Per Unit	Total
Eggs	2006	116,417,050	dozen	0.46	53,551,800
	2005	118,624,000	dozen	0.37	43,890,900
Milk*	2006	13,188,342	cwt	11.89	156,809,400
	2005	12,714,381	cwt	14.27	181,434,200
Other Products**	2006				123,500
	2005				124,500
TOTAL	2006			\$	210,484,700
	2005				225,449,600

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

**Includes Wool.



AQUACULTURE

	Year	Production	Unit	Value	
				Per Unit	Total
Catfish	2006	189,000	lbs	1.86	351,500
	2005	760,000	lbs	1.95	1,482,000
Miscellaneous*	2006	10,180,000	various		7,163,000
	2005	9,785,200	various		8,265,000
Tilapia	2006	2,010,150	lbs	1.99	4,000,200
	2005	1,837,700	lbs	1.97	3,620,300
Total	2006			\$	11,514,700
	2005				13,367,300

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



NURSERY STOCK PRODUCTION

	Year	Acres	Production	Unit	Valuation
Ornamental Nursery Stock	2006	4,846	49,613,830	various	209,700,500
	2005	3,708	37,868,641	various	158,380,000
Cut Flowers and Cut Greens	2006	284	5,167,750	cuttings	3,537,800
	2005	440	7,177,760	cuttings	6,428,400
Ground Cover, Liners, Transplants	2006		Orn. Nursery Stock		
	2005	40	737,371	flats	5,828,600
Christmas Trees (cut)	2006	38	4,800	each	174,100
	2005	51	7,600	each	276,800
Turf	2006	5,420	218,093,024	square feet	49,281,400
	2005	3,724	170,594,215	square feet	36,614,700
Farm Planting Stock	2006	194	878,000	various	8,299,000
	2005	175	1,876,212	various	21,681,700
TOTAL	2006	10,782			\$270,992,800
	2005	8,138			229,210,200



APICULTURE

	Year	Production	Unit	Value <u>Per</u>	<u>Total</u>
Honey	2006	1,387,440	lbs	0.88	1,220,900
	2005	1,693,800	lbs	0.74	1,253,400
Beeswax	2006	33,840	lbs	1.92	65,000
	2005	35,600	lbs	1.47	52,300
Queen Cells	2006	400	each	15.00	6,000
	2005		None Reported		
Fees Collected for Pollination	2006	22,400	colonies	101.00	2,262,400
	2005	26,020	colonies	55.00	1,431,100
Total Colonies	2006	28,200			
	2005	29,510			
TOTAL	2006				\$ 3,554,300
	2005				2,736,800

DISTRICT VALUATIONS - AGRICULTURAL CROPS

District	2002	2003	2004	2005	2006
Riverside/Corona	84,200,000	97,390,900	103,967,000	114,774,700	97,897,700
San Jacinto/Temecula Valley	145,426,200	164,934,800	182,021,700	174,613,400	184,517,700
Coachella Valley	425,631,400	405,575,900	416,373,900	503,523,700	483,174,000
Palo Verde Valley	93,716,800	91,978,200	96,535,100	99,360,000	90,534,900
Total Crop Valuation (\$)	748,974,400	759,879,800	798,897,700	892,271,800	856,124,300

ACREAGE STATISTICS

Crop	2002	2003	2004	2005	2006
Citrus	29,818	23,462	20,867	20,675	18,568
Tree and Vine	28,451	25,175	28,356	28,610	27,501
Vegetable, Melons, Misc.	35,360	35,216	26,075	35,615	34,057
Field and Seed	147,665	176,578	152,884	138,948	125,311
Total Planted Acreage	241,294	260,431	228,182	223,848	205,437

TOTAL VALUATION - F.O.B.

Crop	2002	2003	2004	2005	2006
Citrus	95,402,300	84,900,100	123,574,100	138,244,700	107,897,000
Tree and Vine	183,138,900	216,566,200	211,936,500	188,553,200	191,321,200
Vegetable, Melons, Misc.	215,412,800	179,001,900	174,866,300	261,019,500	213,643,300
Field and Seed	71,960,400	73,692,000	75,219,000	77,687,300	68,611,700
Nursery	183,073,600	205,846,300	211,271,200	229,210,200	270,992,800
Apiculture	2,803,800	3,520,600	2,951,300	2,736,800	3,554,300
Aquaculture	15,757,600	15,931,600	15,579,100	13,367,300	11,514,700
Total Crop (\$)	767,549,400	779,458,700	815,397,500	910,819,000	867,535,000
 Livestock and Poultry (\$)	 295,928,700	 287,908,600	 316,207,700	 257,852,100	 234,903,400
GRAND TOTAL (\$)	1,063,478,100	1,067,367,300	1,131,605,200	1,168,671,100	1,102,438,400

RIVERSIDE COUNTY LEADING AGRICULTURAL VALUATIONS

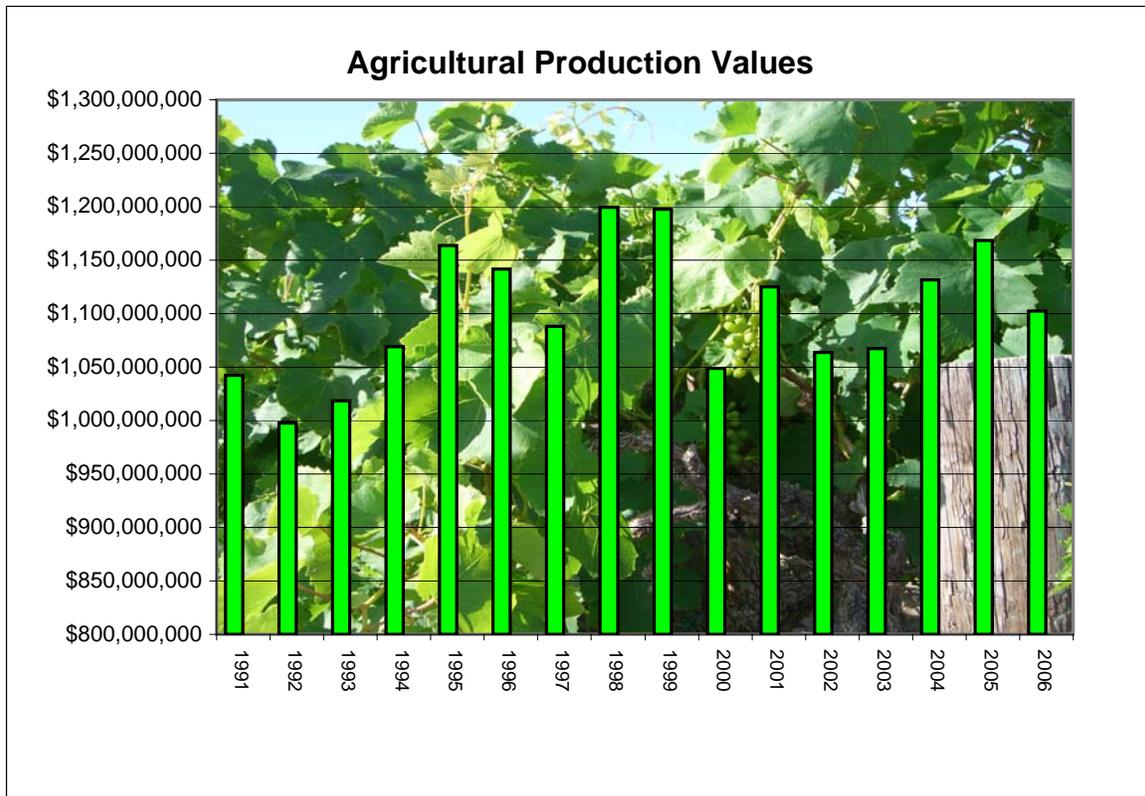
<u>2005</u>			<u>2006</u>		
1	Nursery Stock	\$ 229,210,200	1	Nursery Stock	\$ 270,992,800
2	Milk	181,434,200	2	Milk	156,809,400
3	Grapes, Table	100,103,500	3	Grapes, Table	105,524,300
4	Peppers, Bell	72,902,300	4	Peppers, Bell	62,075,700
5	Grapefruit	65,718,500	5	Eggs	53,551,800
6	Hay	55,061,400	6	Hay	49,212,000
7	Avocados	45,232,500	7	Grapefruit	41,501,100
8	Eggs	43,890,900	8	Lemons	39,679,400
9	Lemons	43,087,000	9	Avocados	39,621,200
10	Dates	34,440,400	10	Dates	38,572,200
11	Cattle/Calves	23,464,000	11	Cattle/Calves	18,595,500
12	Oriental Vegetables	21,980,800	12	Tangerines	16,467,200
13	Carrots	18,791,300	13	Vegetable, miscellaneous	15,657,200
14	Broccoli	15,541,200	14	Cotton	14,139,700
15	Lettuce, Romaine	15,094,400	15	Broccoli	12,521,600
16	Aquaculture	13,367,300	16	Oriental Vegetables	11,698,800
17	Cotton	13,144,500	17	Aquaculture	11,514,700
18	Lettuce, Loose Leaf	12,136,500	18	Carrots	10,650,000
19	Watermelons	11,960,900	19	Lettuce, Loose Leaf	10,224,200
20	Tangerines	11,099,500	20	Potatoes	9,610,900

CALIFORNIA'S LEADING AGRICULTURAL COUNTIES BY TOTAL VALUE OF PRODUCTION

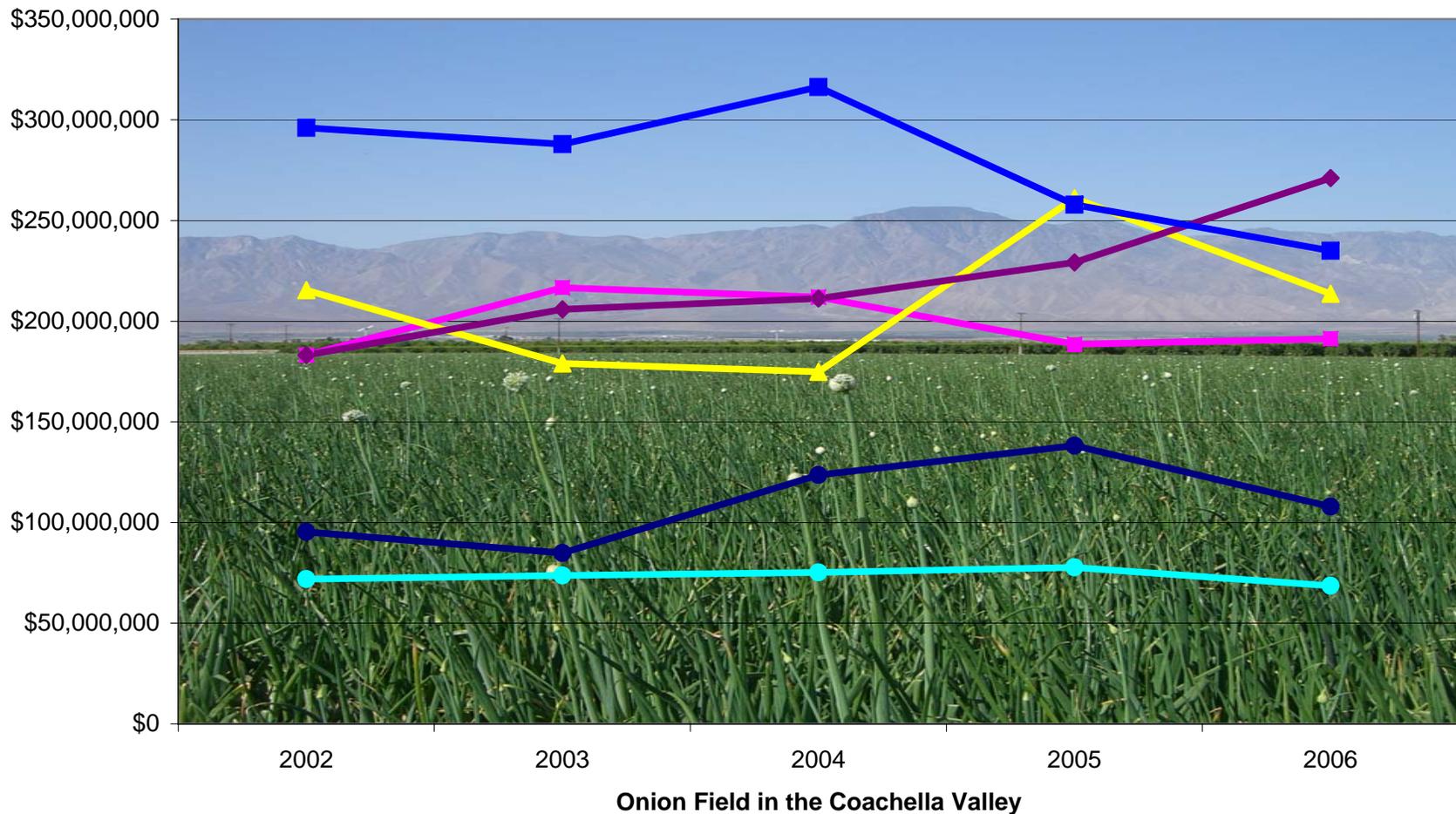
<u>RANK</u>	<u>COUNTY</u>	<u>2003</u>		<u>2004</u>		<u>2005</u>	
		<u>VALUE (\$)</u>	<u>COUNTY</u>	<u>VALUE (\$)</u>	<u>COUNTY</u>	<u>VALUE (\$)</u>	<u>COUNTY</u>
1	Fresno	4,052,767,000	Fresno	4,688,550,000	Fresno	4,640,166,000	
2	Tulare	3,294,660,000	Tulare	4,037,351,000	Tulare	4,360,854,000	
3	Monterey	3,288,468,000	Monterey	3,397,907,000	Kern	3,546,925,000	
4	Kern	2,477,526,000	Kern	3,142,481,000	Monterey	3,273,000,000	
5	Merced	1,918,230,000	Merced	2,365,494,000	Merced	2,388,058,000	
6	San Joaquin	1,494,693,000	Stanislaus	1,978,434,000	Stanislaus	1,977,596,000	
7	Stanislaus	1,454,928,000	San Joaquin	1,613,037,000	San Joaquin	1,743,294,000	
8	San Diego	1,351,059,000	San Diego	1,461,873,000	San Diego	1,531,307,000	
9	Kings	1,136,966,000	Ventura	1,387,004,000	Kings	1,407,091,000	
10	Ventura	1,117,567,000	Kings	1,196,890,000	Imperial	1,286,066,000	
11	Imperial	1,073,472,000	Imperial	1,187,254,000	Ventura	1,253,048,000	
12	Riverside	1,067,367,000	Riverside	1,131,605,000	Riverside	1,168,537,000	

RIVERSIDE COUNTY AGRICULTURAL PRODUCTION VALUES 1991-2006

<u>YEAR</u>	<u>VALUE</u>	<u>STATE RANKING</u>
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	12
2006	\$1,102,438,400	

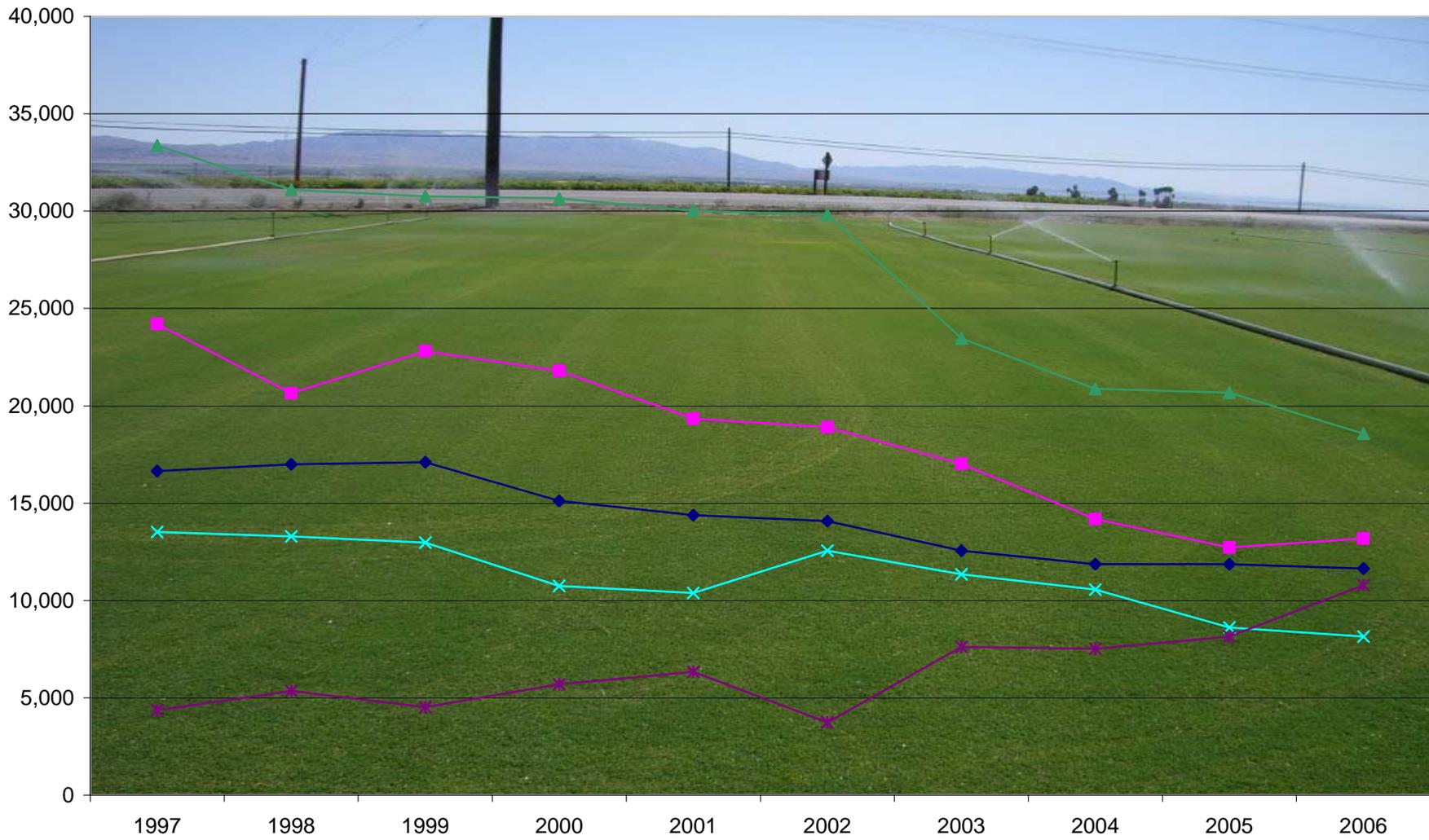


Agricultural Production Valuation by Crop Type 2002-2006



● Citrus
 ■ Tree and Vine
 ▲ Vegetable, Melons, Misc.
 ● Field and Seed
 ◆ Nursery
 ■ Livestock and Poultry (\$)

Major Crop Trends 1997-2006



Turf Farm in the Coachella Valley

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

2006 Million Dollar Commodities

<u>2006 Rank</u>	<u>2005 Rank</u>	<u>Commodity</u>	<u>Value</u>
1	1	Nursery Stock	\$270,992,800
2	2	Milk	156,809,400
3	3	Grapes, Table	105,524,300
4	4	Peppers, Bell	62,075,700
5	8	Eggs	53,551,800
6	6	Hay	49,212,000
7	5	Grapefruit	41,501,100
8	9	Lemons	39,679,400
9	7	Avocados	39,621,200
10	10	Dates	38,572,200
11	11	Cattle/Calves	18,595,500
12	20	Tangerines	16,467,200
13	34	Vegetable, miscellaneous	15,657,200
14	17	Cotton	14,139,700
15	14	Broccoli	12,521,600
16	12	Oriental Vegetables	11,698,800
17	16	Aquaculture	11,514,700
18	13	Carrots	10,650,000
19	18	Lettuce, Loose Leaf	10,224,200
20	26	Potatoes	9,610,900
21	45	Lettuce, Head	9,197,000
22	23	Corn, Sweet	6,530,400
23	15	Lettuce, Romaine	6,437,000
24	28	Melons, miscellaneous	6,279,200
25	33	Beans, Green	6,126,100
26	19	Watermelons	6,110,400
27	21	Oranges, Navel	5,981,500
28	24	Spinach	5,578,700
29	30	Artichokes	4,823,600
30	32	Other Livestock	4,473,000
31	29	Strawberries	4,363,000
32	35	Melons, Cantaloupe	4,192,800
33	27	Oranges, Valencia	4,091,000
34	38	Grapes, Wine	3,999,600
35	25	Cauliflower	3,968,400
36	40	Forage/Fodder	3,725,700
37	43	Apiculture	3,554,300
38	39	Eggplant	3,276,000
39	36	Tree/Vine, miscellaneous	2,667,200
40	41	Spices/Herbs	2,606,100
41	44	Celery	2,596,100
42	n/a	Tomatoes	2,379,100
43	42	Onions, Dry	2,105,000
44	37	Sheep/Lambs	1,350,200
45	46	Radishes	1,240,900
46	22	Melons, Honeydew	1,202,900
47	n/a	Cabbage	1,170,300
48	n/a	Squash, all	1,021,900

PHYTOSANITARY EXPORT CERTIFICATION – 2006

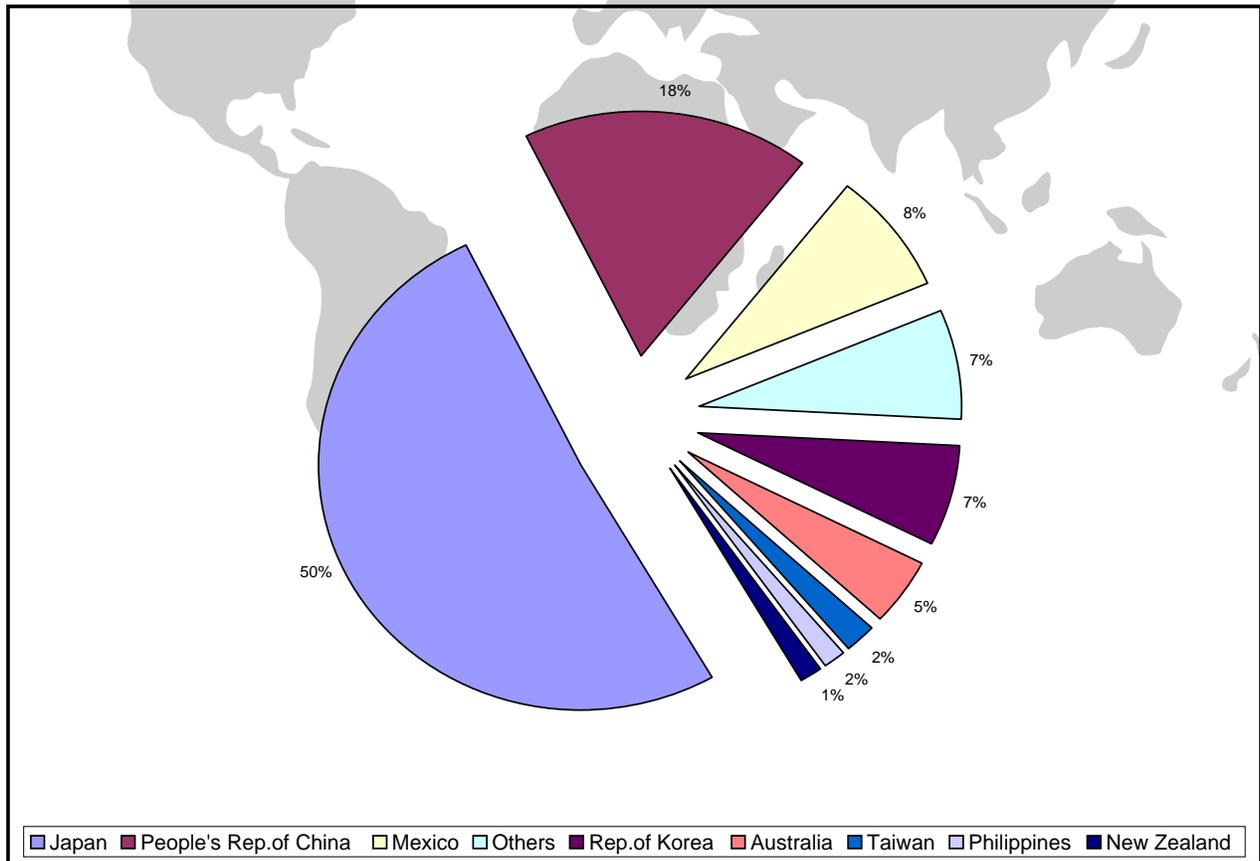
Export Countries

Argentina
Australia
Austria
Bahamas
Bahrain
Bangladesh
Belgium
Bermuda
Burundi
Canada
Columbia
Costa Rica
Croatia

Dominican Republic
Fiji
France
French Polynesia
Germany
Greece
Guatemala
Hong Kong
India
Indonesia
Italy
Jamaica
Japan

Jordan
Lebanon
Malaysia
Mexico
Netherlands
New Zealand
Nicaragua
Panama
People's Rep.of China
Peru
Philippines
Republic of Korea
Singapore

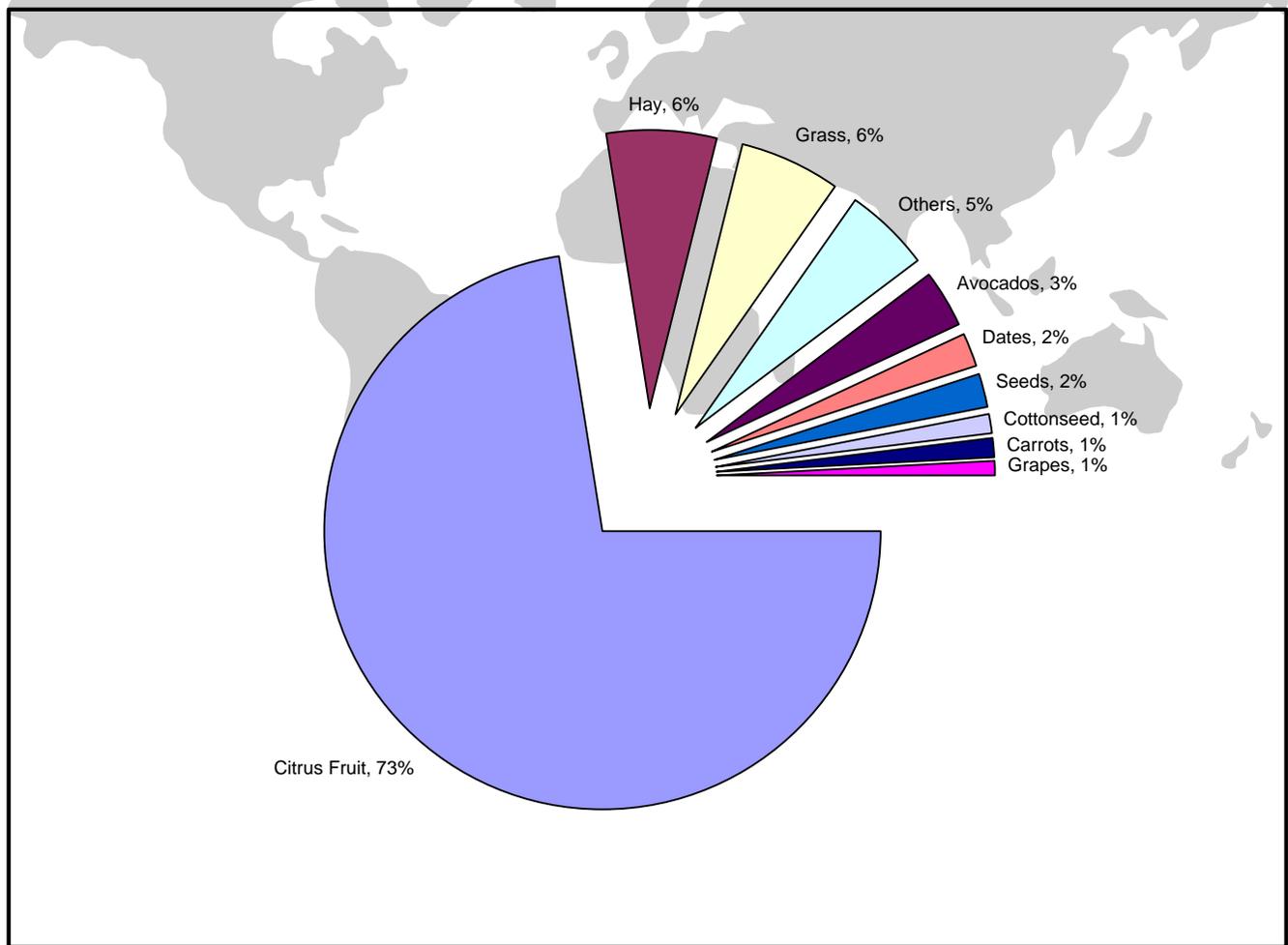
Slovakia
Spain
Sri Lanka
Sweden
Switzerland
Taiwan
Thailand
Turkey
United Arab Emirates
United Kingdom
Uruguay
Vietnam



PHYTOSANITARY EXPORT CERTIFICATION – 2006

Commodities Certified

- | | | | |
|-----------------|-----------------|--------------------|-------------------|
| Artichokes | Citrus Leaves | Lettuce | Spearmint |
| Avocado Budwood | Citrus Seeds | Mangos | Straw |
| Avocados | Cottonseed | Melons | Thyme |
| Basil | Cucumbers | Mixed Fruit | Vegetables, mixed |
| Bean Seed | Dates | Nursery Stock | Watermelons |
| Broccoli | Dill | Okra | |
| Cantaloupes | Grapes | Peppers | |
| Carrots | Grass | Pepper Seeds | Corn, processed |
| Celery | Grass Seed | Pollen | Millet, processed |
| Citrus Budwood | Hay | Safflower Seeds | Rice, processed |
| Citrus Fruit | Honeydew Melons | Seeds, unspecified | |



SUSTAINABLE AGRICULTURE - 2006

ORGANIC FARMING

95 Organic producers registered in Riverside County.

PEST DETECTION (Commercial and Urban)

<u>Activity</u>	<u>Hours</u>
Commercial Crops	160.5
Public Contact	336.5
Special Surveys:	
Tristeza (Residential)	0
Citrus Leaf Miner	0
Other	71.5
Red Imported Fire Ant	81.0
Citrus Tristeza Indexing (Coachella Valley)	<u>Numbers</u>
Commercial	
Properties tested	8
Acres sampled	167
Samples tested biochemically	996
"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	153
Gypsy Moth	56
Khapra Beetle	75
Medfly (Grapes, Citrus)	0

PEST EXCLUSION (Incoming plant shipments)

<u>Units profiled</u>	<u>Units inspected</u>	<u>Rejections</u>
3853	1510	91

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	1

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)

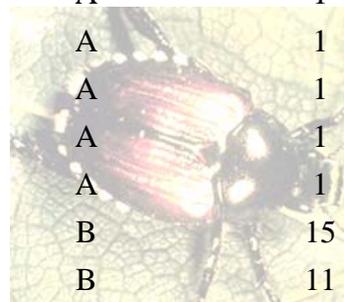
OTHER

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

SUSTAINABLE AGRICULTURE – 2006 - (Continued)

PEST INTERCEPTIONS

Scientific Name	Common Name (If any)	Pest Rating	# of Interceptions
<i>Pseudaulacaspis cockerellii</i>	Magnolia White Scale	A	6
<i>Howardia biclavis</i>	Mining Scale	A	2
<i>Clavaspis herclueana</i>	Herclueana Scale	A	1
<i>Howardia biclavis</i>	An Armored Scale	A	1
<i>Lymantria dispar</i>	Gypsy Moth	A	1
<i>Pinnaspis sp.</i>	An Armored Scale	A	1
<i>Pseudaulacaspis pentagona</i>	White peach scale	A	1
<i>Homalodisca coagulata</i>	Glassy-Winged Sharpshooter	B	15
<i>Aonidiella aurantii</i>	California Red Scale	B	11
<i>Cyperus esculentus</i>	Yellow Nutsedge	B	3
<i>Phyllocnistis citrella</i>	Citrus Leafminer	B	2
<i>Rhyacionia frustrana</i>	Nantucket Pine Tip Moth	B	2
<i>Chrysopharta m-fuscum</i>	Eucalyptus Leaf Beetle	B	1
<i>Homalodisca vitripennis</i>	A Sharpshooter	B	1
<i>Theba pisana</i>	White Garden Snail	B	1
<i>Rhizoecus floridanus</i>	Soil Mealybug	Q	15
<i>Rhizoecus hibisci</i>	Root Mealybug	Q	12
<i>Rhizoecus sp.</i>	A Mealybug	Q	5
<i>Pheidole megacephala</i>	Big Headed Ant	Q	2
<i>Acutaspis sp.</i>	An Armored Scale	Q	1
<i>Aulacaspis yasumatsui</i>	Cycad Aulacaspis Scale	Q	1
<i>Chrysopharta sp.</i>	A Leaf Beetle	Q	1
<i>Diaspis sp.</i>	An Armored Scale	Q	1
<i>Dichromothrips sp.</i>	A Thrip	Q	1
<i>Melampsora sp.</i>	Foilage Rust	Q	1
<i>Palmicultor sp.</i>	A Mealybug	Q	1
<i>Rhizoecus americanus</i>	Root Mealybug	Q	1
<i>Sitobion luteum</i>	Yellow Orchid Aphid	Q	1
<i>Technomyrmex albipes</i>	White Footed Ant	Q	1



STAFF MEMBERS – 2006

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

Ron Bray	Bill Oesterlein
Angela Godwin	Bill Tracy
Robert Mulherin	

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	Kenny Heralal	Debbie May
Lucy Candelario	Tom Hought	Dennis Miller
Jennifer Chandler	Delia Jiminez-Cioc	Victor Miranda
Ven Chien	Carol Kreger	Richard Shaffer
Megan Conley	Charles Kregl	Hugo Soto
Kevin Doi	Mike Lahti	Michele Tracy
Dia Elseewi	Brian Larson	Lily Vargas
Tom Finan	Jeremy Larson	Tom Vizthum
Julius Francisco	Arturo Lomeli	

Weights and Measures Inspectors

Steve Bennett
Doug Simmons

Agricultural Inspector

Mike Dishman

Clerical Support Staff

Camille Alexen	Cynthia Ramos
Debbie Boyer	Veronica Sanchez
Emerson Leavitt	Billie Seale
Elisa Monteil	Johanna Starks

ROBERT M. HOWIE TRIBUTE SECTION

Riverside County Administrative Center

ROBERT M. HOWIE PLAZA

DEDICATION CEREMONY



Tuesday, December 12, 2006

8:30 a.m.—9:00 a.m.

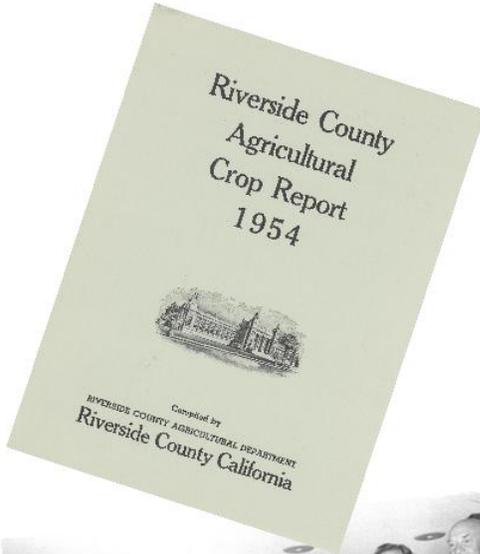
REPRODUCED FROM DEDICATION CEREMONY PROGRAM

“CULTIVATORS OF THE EARTH ARE THE MOST VALUABLE CITIZENS. THEY ARE THE MOST VIGOROUS, THE MOST INDEPENDENT, THE MOST VIRTUOUS, AND THEY ARE TIED TO THEIR COUNTRY AND WEDDED TO ITS LIBERTY AND INTERESTS BY THE MOST LASTING BANDS.”

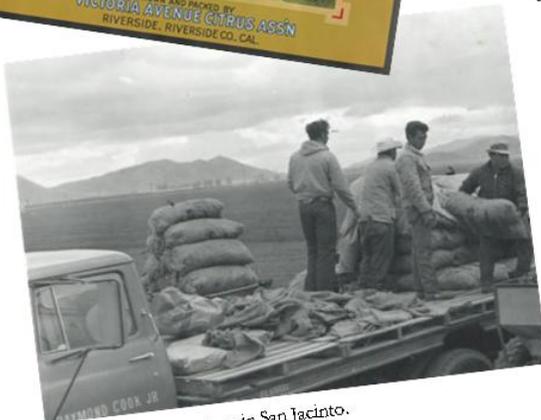
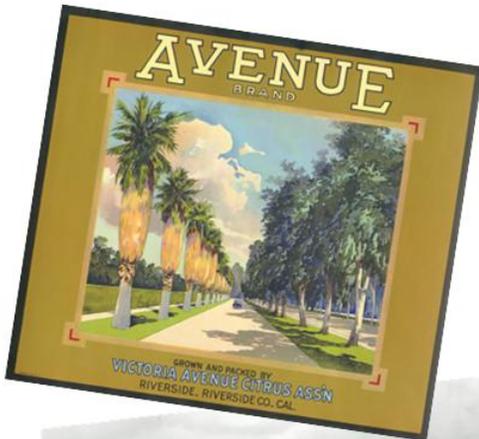
- THOMAS JEFFERSON



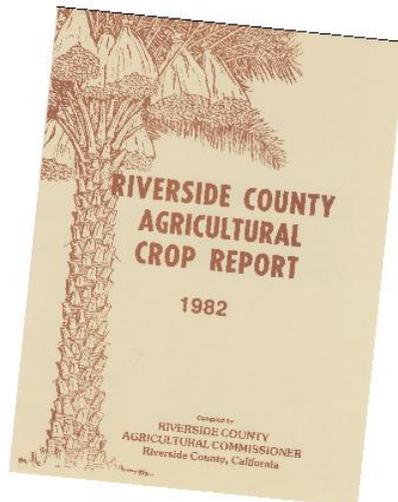
Agricultural Commissioner Robert Howie assists tomato growers with the development of a new field fumigation technique to combat soil pests.



Mr. Howie meets with members of a Russian Trade Delegation and Coachella Valley date growers in 1962.



Workers plant potatoes in San Jacinto.



REPRODUCED FROM DEDICATION CEREMONY PROGRAM

MONUMENT FRONT SIDE TEXT

NO INDIVIDUAL HAS CONTRIBUTED MORE TO RIVERSIDE COUNTY AGRICULTURE THAN ROBERT M. HOWIE. FROM 1954 UNTIL 1982, MR. HOWIE SERVED AS AGRICULTURAL COMMISSIONER OF RIVERSIDE COUNTY.

DURING HIS TENURE, CROP VALUES ROSE BY 650%, CITRUS ACREAGE DOUBLED AND AGRICULTURAL VALUES IN THE COACHELLA VALLEY INCREASED TEN-FOLD.

UNDER MR. HOWIE'S GUIDANCE, RIVERSIDE COUNTY RESPONDED TO CHALLENGES WITH INNOVATION. NEW APPROACHES TO PEST CONTROL, WORKER SAFETY AND MARKETING WERE DEVELOPED HERE AND BECAME INDUSTRY STANDARDS.

AS YOU PASS THROUGH THE ROBERT M. HOWIE PLAZA, TAKE A MOMENT TO EXPERIENCE THE LIFE-AFFIRMING QUALITIES OF THE NINE WASHINGTON NAVEL ORANGE TREES. THESE TREES REPRESENT OUR HERITAGE AND ARE A TESTAMENT TO THIS LAND'S RICHNESS. THEY WERE PLANTED IN APPRECIATION OF THE PEOPLE WHO LABOR TO PROVIDE THE BOUNTIFUL HARVEST THAT SUSTAINS US ALL.

MONUMENT REVERSE SIDE TEXT

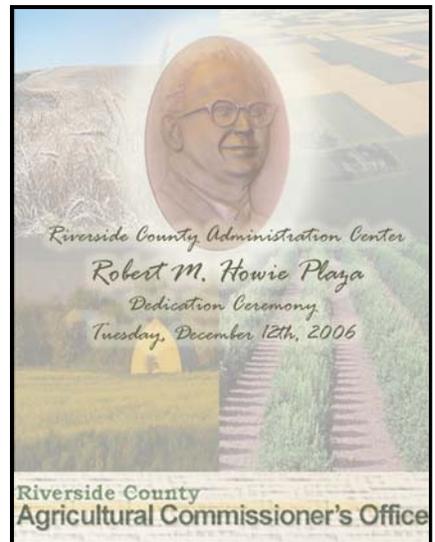
"CULTIVATORS OF THE EARTH ARE THE MOST VALUABLE CITIZENS. THEY ARE THE MOST VIGOROUS, THE MOST INDEPENDENT, THE MOST VIRTUOUS, AND THEY ARE TIED TO THEIR COUNTRY AND WEDDED TO ITS LIBERTY AND INTERESTS BY THE MOST LASTING BANDS."

-THOMAS JEFFERSON

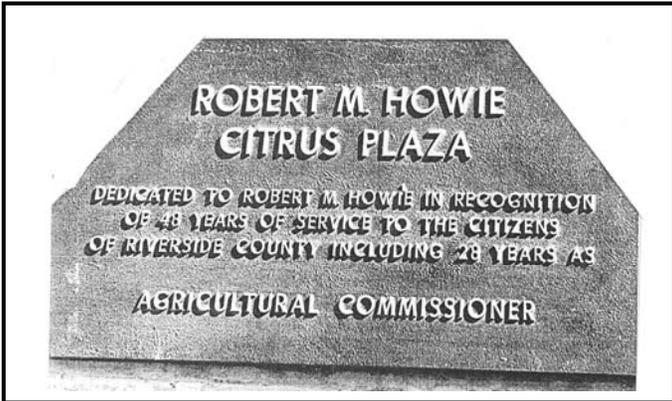
AGRICULTURAL SUCCESS BEGAN IN THIS AREA WITH THE RAISING OF GRAIN AND CATTLE IN THE LATE 1700's. TWO WASHINGTON NAVEL ORANGE TREES PLANTED IN 1873 TRANSFORMED THIS REGION INTO A CITRUS EMPIRE. DURING 2005, RIVERSIDE COUNTY AGRICULTURALISTS PRODUCED 128 DIFFERENT COMMODITIES AND EXPORTED FARM PRODUCTS TO 53 COUNTRIES WORLDWIDE. THE ECONOMY, LIFESTYLE AND CULTURE OF RIVERSIDE COUNTY ARE DEEPLY ROOTED IN AGRICULTURE.

THIS MONUMENT IS DEDICATED TO THE VIRTUOUS, VIGOROUS AND INDEPENDENT PEOPLE WHO CULTIVATE THE EARTH IN RIVERSIDE COUNTY, AND TO ROBERT M. HOWIE, WHO DEDICATED HIS LIFE TO PROTECTING AND PROMOTING AGRICULTURE.

DECEMBER 12, 2006



Clockwise from Top Left: Bob Howie, former Agricultural Commissioner (1954-1982); John Snyder, current Agricultural Commissioner (2003); Leon Spaugy and Jim Wallace, former Agricultural Commissioners (1982-1988 and 1988-2003), and the poster from the ceremony.



Clockwise from Top Left: Bob Howie, wife Betty, and daughter Marty, at original dedication in 1983; Bob Howie and Betty Tavaglione; Bob Howie with Marty and son Richard; Original plaque honoring Bob Howie in the plaza area of the County Administrative Center.



Clockwise from Top Left: Bob Howie with Supervisors Ashley, Tavaglione, and Buster; John Snyder addressing the assembly; Bob Howie talking with Lee and Linden Anderson; Supervisor Buster addressing the crowd; Crowd assembled to honor Mr. Howie.



Agriculture chief ¹⁹⁶⁷ gets Jaycee award

Robert M. Howie, Riverside County agricultural commissioner, today received the Jaycees' annual Good Government Award.

The award, given to a city or county employe who has made an outstanding contribution to local government administration, was presented at a Youth in Government Day luncheon sponsored by the Jaycees.

HOWIE, 54, has been head of the county agriculture department since 1954. The department promotes the agricultural industry in the county as well as protecting it from fraudulent products and services and protecting the public from fraud and deception in the sale of agricultural products.

He became an employe of the department in 1934, shortly after graduating from the University of California at Davis, as an inspector in the Coachella Valley.

He was born in Riverside and graduated from Poly High School.

Howie was a member of two delegations of U.S. farm officials which made tours of the Soviet Union in 1962 and 1963 under an agricultural exchange program.

HE IS A former president of the state agricultural commissioners' organization, the downtown Riverside Kiwanis Club and the County Employees Assn.

Recipients of the award are nominated by city councilmen



ROBERT HOWIE

YOUTHFUL VETERAN

2 Decades of Experience Aid Agricultural Commissioner

Robert M. Howie, Riverside County's new agricultural commissioner, is only 40 but he's a 20 year veteran with the County Agricultural Department.

He has dealt with the department's procedures and problems from one end of the county to the other as inspector, district inspector, deputy agricultural commissioner and chief deputy agricultural commissioner.

He begins his duties as department "head man" with a wide friendship among the county's farmers and a broad knowledge of their problems in growing the county's diversified crops.

Attended School Here
"Bob" Howie's years in Riverside County go back beyond his working life, however. He was born in Compton but part of his schooling was at Palm Avenue Grammar School here. And he graduated from Riverside Polytechnic High School in 1930.

His first job after graduating from the University of California

College of Agriculture at Davis was with the Victoria Avenue Citrus Association. In May, 1934, he was hired by A. E. Bottel, Riverside County agricultural commissioner, as a fruit and vegetable inspector in Coachella Valley.

In PV Two Years

Slightly more than a year later, he was appointed district agricultural inspector for Palo Verde Valley, a position he held for two years.

From 1937 to 1941 he held the same position in the San Geronimo Pass and Palm Springs district.

On Nov. 1, 1941, the late Commissioner W. H. Wright appointed him deputy agricultural commissioner, and a year and a month later, he became chief deputy agricultural commissioner.

Howie is grateful for his association with Wright, who was highly praised for his able administration of the department for 15 years.

"I know that I have a bit pair of shoes to fill," Howie says.

As to appointments in the department, he says: "Mr. Wright had spent 15 years building a good staff and I don't intend to disrupt it."

As for future policy: "We will carry on Mr. Wright's long-standing policy of performing the functions of the department, as required by law, and rendering any other service within our province that will benefit Riverside County's multimillion dollar agricultural industry."

Other positions and honors have come to Howie through the years.

Other Offices

In 1946 he was elected president of the Riverside County Employees Association. He was past president of the Southern California Deputy Agricultural Commissioners Association. He was past president of the Southern California Weed Conference.

During his years in Palo Verde Valley he became charter member and president of the Elythe 20-30 Club.

Howie married the former Betty Attridge, daughter of Mr. Attridge.



ROBERT M. HOWIE

Mrs. George Attridge of Riverside, in 1937. They have two children, Dick, 11, and Martha, 5. The family lives at 4442 Linwood Place. Howie's mother, Mrs. Cliff Pond, also lives here.

16 RIVERSIDE, CALIFORNIA WEDNESDAY, FEBRUARY 2, 1954 DAILY PRESS

Longtime county agricultural chief knows this is year to ask new term

By JOHN SCHWADA
Press-Enterprise Staff Writer

It has slipped Robert Howie's mind in the past to reapply for yet another four-year term as county agricultural commissioner.

Not that it mattered. The Board of Supervisors went ahead and reappointed him anyway.

This year, however, Howie recalled that his current term was about to expire, and he wrote Robert Fitch, county administrative officer, asking for another term.

"This year when I read about Ray Sullivan (county counsel) being reappointed," said Howie, "I remembered that, by golly, his reappointment came just little ahead of mine, so I got my letter in (asking for another term)."

Today, on Fitch's recommendation, the supervisors are expected to reappoint Howie to his seventh four-year term.

Howie has been county agricultural commissioner since 1954. He first joined the department in 1941 as a deputy agricultural commissioner. According to Howie, only one other person in the state has served longer than himself as a county government department head.

As agricultural commissioner, Howie's staff of 41 is responsible for enforcing state agricultural laws which deal with the detection and eradication of farm pests, the maintenance of minimum shipping standards for agri-

(See DIRECTOR, Page 2)

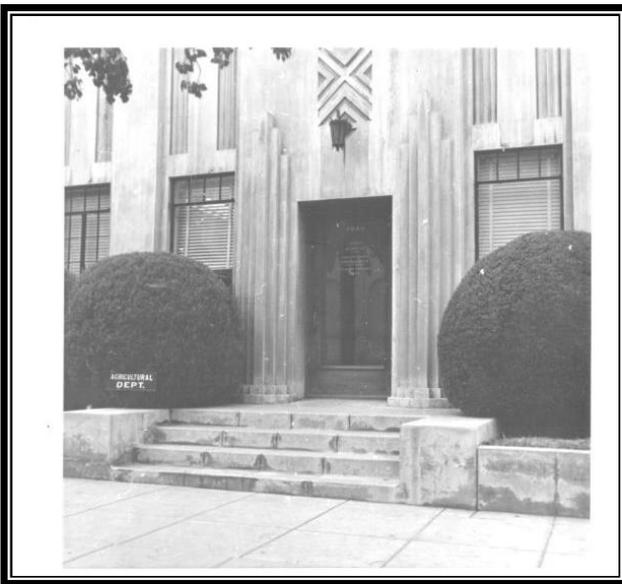
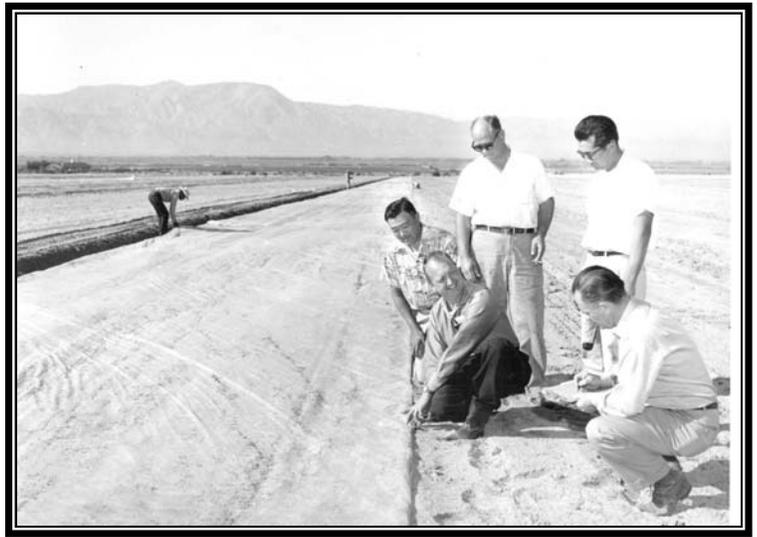


Staff photo by Bob Ringquist

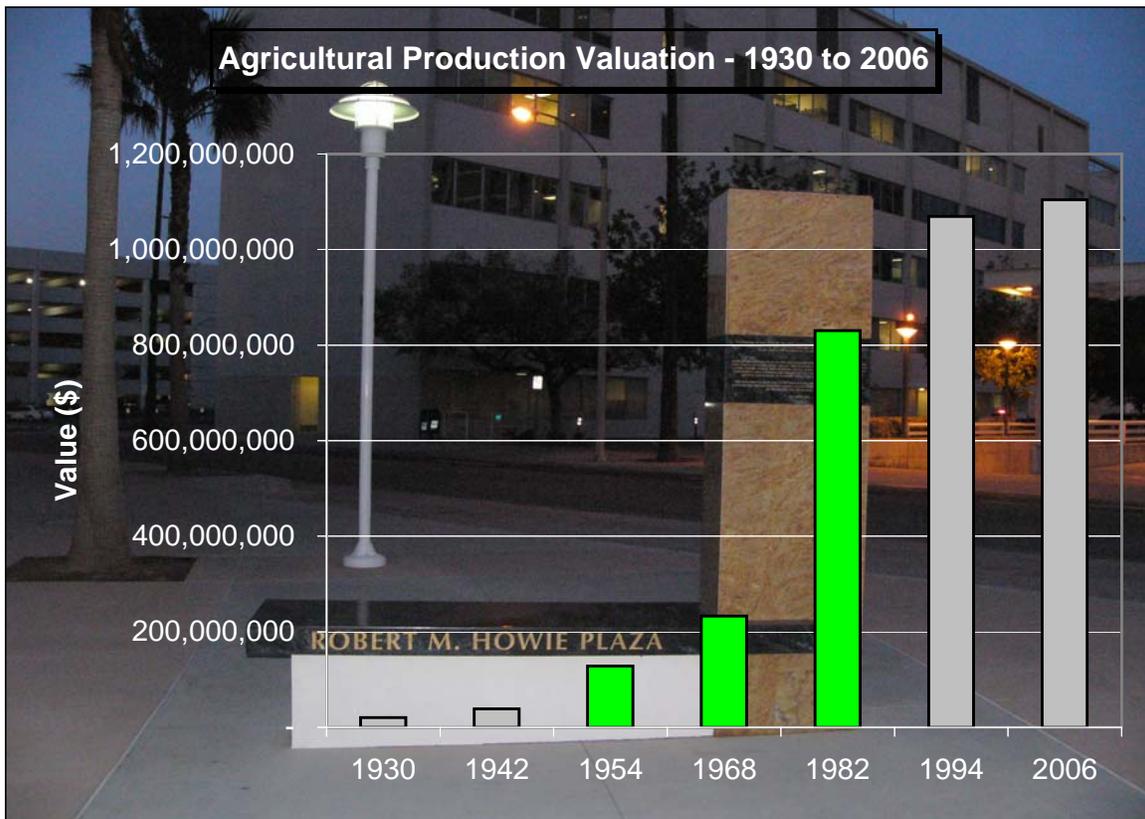
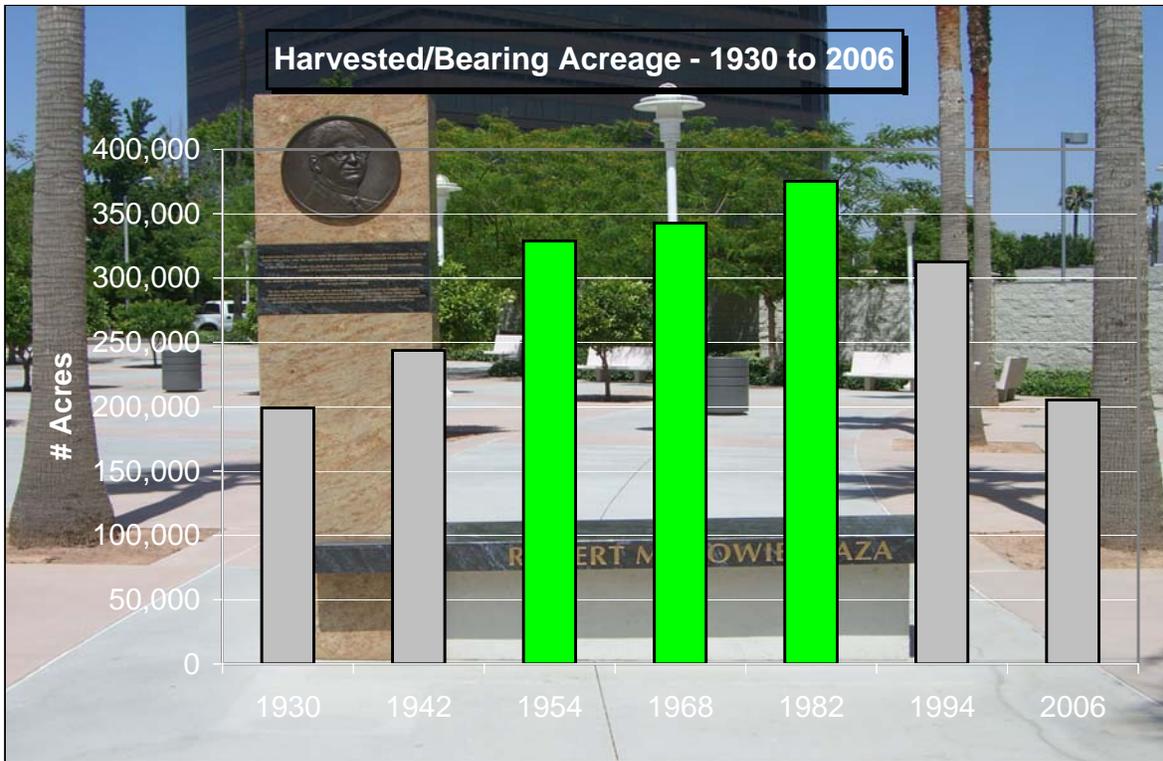
Robert M. Howie

Agricultural commissioner asks new term

Clockwise from Top Left: Mr. Howie received the Jaycees' annual Good Government Award (1967); Robert Howie's initial appointment as Agricultural Commissioner (Daily Press, 1954); News article detailing the seventh 4 year appointment as Agricultural Commissioner for Mr Howie (Press-Enterprise, 1978).



Clockwise from Top Left: 1934 photo of employees (Bob Howie, lower left); Bob Howie (lower right) observing fumigation techniques in the Coachella Valley (1950); Bob Howie's office (1960); Bob Howie and Dave Kelley, with award from Farm Bureau named after Mr. Howie; Early Agricultural Commissioner's office on Orange Street; Bob Howie's office (1970).



Robert M. Howie, Agricultural Commissioner

Historical Crop Acreage and Valuation - 1930 to 2006

<u>Crop</u>		<u>Year</u>						
		<u>1930</u>	<u>1942</u>	<u>1954</u>	<u>1968</u>	<u>1982</u>	<u>1994</u>	<u>2006</u>
Citrus	Acres	21,111	25,480	22,097	37,578	40,779	31,078	18,568
	Value	11,733,400	10,274,300	21,387,500	32,610,200	103,793,900	107,022,600	107,897,000
Tree/Vine	Acres	25,147	23,065	22,549	19,332	26,175	30,347	27,501
	Value	2,223,000	5,114,800	12,716,600	24,649,900	145,740,300	214,397,400	191,321,200
Vegetables	Acres	12,811	19,394	46,338	42,938	50,274	38,121	34,057
	Value	2,400,100	6,046,600	27,463,300	39,497,300	135,383,600	141,751,000	213,643,300
Field/Seed	Acres	139,977	172,597	230,231	229,866	246,998	201,369	125,311
	Value	4,171,200	6,833,300	20,288,000	23,052,300	69,525,300	82,186,100	68,611,700
Apiary	Value	-	124,800	236,400	395,800	3,008,600	5,815,100	3,554,300
Nursery	Value	-	206,000	2,082,100	3,510,900	23,166,700	79,537,200	270,992,800
Livestock/Poultry	Value	-	9,990,000	44,313,400	109,792,200	349,392,700	423,781,200	234,903,400
Aquaculture	Value	-	-	-	-	777,500	14,995,400	13,367,300
TOTALS	Acres	199,046	240,536	321,215	329,714	364,226	300,915	205,437
	Value	\$ 20,527,700	\$ 38,589,800	\$ 128,487,300	\$ 233,508,600	\$ 830,788,600	\$ 1,069,486,000	\$ 1,104,291,000

Robert M. Howie - Agricultural Commissioner

Leading Crop Valuations - 1930 to 2006

<u>1930</u>			<u>1942</u>		
<u>Rank</u>	<u>Crop</u>	<u>Value (\$)</u>	<u>Crop</u>	<u>Value (\$)</u>	
1	Oranges, Navel	6,637,507	Oranges, Navel	5,099,650	
2	Alfalfa, all	2,289,100	Alfalfa, all	3,117,773	
3	Oranges, Valencia	2,277,439	Cattle/Calves	2,430,510	
4	Lemons	1,489,179	Grain, all	2,109,770	
5	Potatoes	1,313,240	Eggs	2,106,000	
6	Pomelos	890,828	Oranges, Valencia	1,918,892	
7	Cotton, all	771,200	Butterfat	1,879,200	
8	Grain, all	613,920	Dates	1,712,865	
9	Dates	596,209	Lemons	1,442,097	
10	Watermelons	404,925	Potatoes	1,187,139	

<u>1994</u>		<u>2006</u>	
<u>Crop</u>	<u>Value (\$)</u>	<u>Crop</u>	<u>Value (\$)</u>
Milk	288,279,600	Nursery	270,992,800
Grapes, table	118,753,600	Milk	156,809,400
Nursery	79,537,200	Grapes, table	105,524,300
Eggs	74,557,500	Peppers, Bell	62,075,700
Dates	58,089,300	Eggs	53,551,800
Hay, all	56,327,100	Hay	49,212,000
Cattle/Calves	55,114,400	Grapefruit	41,501,100
Lemons	33,075,600	Lemons	39,679,400
Grapefruit	30,910,300	Avocados	39,621,200
Avocados	29,712,100	Dates	38,572,200

<u>1954</u>			<u>1968</u>			<u>1982</u>		
<u>Rank</u>	<u>Crop</u>	<u>Value (\$)</u>	<u>Crop</u>	<u>Value (\$)</u>	<u>Crop</u>	<u>Value (\$)</u>	<u>Crop</u>	<u>Value (\$)</u>
1	Oranges, Navel	10,919,430	Grapes, Tabel	13,487,766	Cattle/Calves	210,013,500		
2	Potatoes	8,651,250	Grapefruit	10,649,859	Poultry	88,864,900		
3	Cotton, all	8,185,690	Oranges, Navel	9,283,094	Grapes, Table	87,572,600		
4	Grapes, Table	5,677,280	Carrots	8,274,284	Grapefruit	36,075,500		
5	Grain, all	4,062,100	Dates	8,072,427	Dates	35,112,500		
6	Lemons	3,978,100	Lettuce	6,750,480	Lettuce, Head	28,322,700		
7	Dates	3,847,500	Cotton	6,572,505	Alfalfa	26,276,300		
8	Alfalfa, Hay	3,646,740	Alfalfa, Hay	6,451,863	Beef	25,881,200		
9	Grapefruit	3,422,000	Lemons	5,863,784	Cotton	23,341,500		
10	Tomatoes	3,213,960	Potatoes	5,633,506	Oranges, Valer	23,303,000		

 Robert M. Howie, Agricultural Commissioner



Robert M. Howie - Milestones



1934 – Robert M. Howie is hired as an agricultural inspector with the Riverside County Agricultural Commissioner’s Office in the Blythe district.

1954 – Mr. Howie is appointed Agricultural Commissioner by the Riverside County Board of Supervisors.

1962 – Mr. Howie participates in a month long fact finding, agricultural trade development and goodwill tour of Eastern Europe and the Soviet Union.

1972 – The Agricultural Commissioner’s Office becomes responsible for the enforcement of statewide regulations to protect employees, fieldworkers, and the environment from exposure to pesticides.

1973 – The United Farm Workers’ Union organizes protests, strikes, and boycotts of lettuce and grapes in the Coachella Valley.

1975 – Citrus acreage in Riverside County peaks at 54,372 bearing acres.

1982 – Mr. Howie retires from the Office of the Agricultural Commissioner, stating, “It has been a great privilege for me to have been associated with and served the agricultural industry of Riverside County for over 48 years.”

1954 to 1982 – As Agricultural Commissioner, Mr. Howie witnessed the following:

- Total crop valuation increased by 650 %.
- Citrus acreage increased by over 200 %.
- Total agricultural income in the Coachella Valley increased by 900 %.
- Nursery stock valuation through out the County increased by 1,100 %.

1983 – The Riverside County Farm Bureau established the Robert M. Howie Award, presented annually to individuals that have provided outstanding service to agriculture in the County. The award was created to remind others of the dedication that Mr. Howie demonstrated and to recognize and encourage that kind of dedication in others.

1983 – The original Robert M. Howie Citrus Plaza was dedicated on the southwest side of the County Administrative Center (CAC).

2001 – Construction begins on the Annex to the CAC. The Marker (Plaque) for the Howie Citrus Plaza is removed to make way for the new building.

2006 – The Robert M. Howie Plaza and Monument were re-dedicated in the area adjacent to the County Administrative Center Annex, amongst nine Navel orange trees planted several years earlier.

RIVERSIDE COUNTY AGRICULTURAL
COMMISSIONER'S OFFICE
PO BOX 1089
RIVERSIDE, CA 92502-1089

