

RIVERSIDE COUNTY AGRICULTURAL PRODUCTION REPORT 2001



**CALIFORNIA CITRUS
STATE HISTORIC PARK**



JAMES O. WALLACE
Agricultural Commissioner
Director of Weights & Measures

OFFICE OF THE
AGRICULTURAL COMMISSIONER

P.O. BOX 1089
RIVERSIDE CA 92502-1089
PHONE (909) 955-3000
FAX (909) 955-3012

WEIGHTS & MEASURES
P.O. BOX 1480
RIVERSIDE, CA 92502-
1480
PHONE (909) 955-3030
FAX (909) 276-4728

William J. Lyons, 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
Roy Wilson, District IV

Jim Venable, District III
Tom Mullen, District V

I am pleased to submit the 2001 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 \$1,124,908,400, which is an increase of \$76,346,800 over the 2000 gross value. The gross value for agricultural crops was \$757,324,900, an increase of \$75,756,100 from the previous year. The value of livestock and poultry production was \$367,583,500, an increase of \$590,700 over the 2000 value.

It must be emphasized that this report reflects 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 2001, has the financial impact of three times that amount. Therefore, \$1,124,908,400 becomes over \$3,374,725,000 revenue generated into the local economy.

I wish to express my sincere appreciation to the producers, processors and agencies who have provided the information necessary for the compilation of this report. I would also like to express my gratitude to all the members off my staff, particularly Dustin Wiley, for his dedicated contribution toward the preparation of this report.

Respectfully submitted,

James O. Wallace
Agricultural Commissioner
Director of Weights & Measures

The California Citrus State Historic Park is located on land considered the finest navel orange growing region in the world. California's multimillion dollar orange industry began in Riverside as an experiment with two trees in 1873. Below are some the sights to be found at the park.



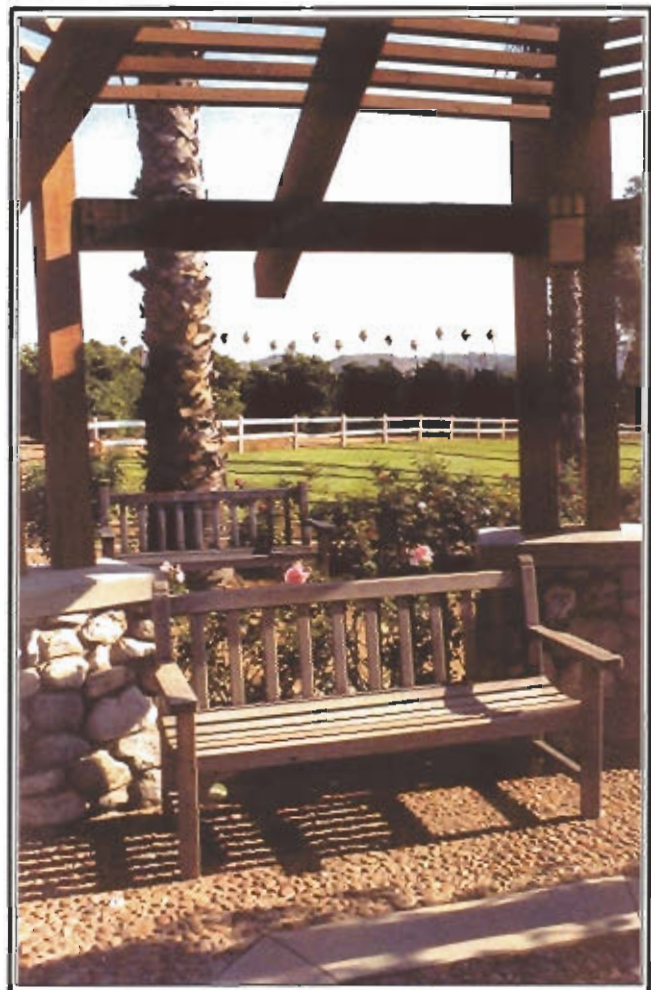


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CITRUS CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
Grapefruit-Ruby	2001	5,698	5,360	698	3,741,280	34 lbs	6.47	\$ 24,206,100
By-Products	2001			490	2,626,400		0.06	157,600
Grapefruit-Ruby	2000	6,167	5,801	732	4,246,332	34 lbs	6.23	26,454,600
By-Products	2000			241	1,398,041		0.32	447,400
Grapefruit-White	2001	1,746	1,528	377	576,056	34 lbs	5.12	2,949,400
By-Products	2001			403	615,784		0.45	277,100
Grapefruit-White	2000	1,652	1,434	612	877,608	34 lbs	6.34	5,564,000
By-Products	2000			434	622,356		0.64	398,300
Kumquats	2001	43	43	250	10,750	10 lbs	6.00	64,500
	2000	40	40	250	10,000	10 lbs	6.00	60,000
Lemons	2001	7,298	6,616	581	3,843,896	38 lbs	15.80	60,733,600
By-Products	2001			295	1,951,720		0.98	1,912,700
Lemons	2000	7,265	6,224	636	3,958,464	38 lbs	11.07	43,820,200
By-Products	2000			287	1,786,288		1.09	1,947,100
Limes	2001	47	47	538	25,286	40 lbs	10.00	252,900
	2000	59	56	536	30,016	40 lbs	10.00	300,200
Oranges-Navel	2001	5,919	3,793	548	2,078,564	37.5 lbs	7.71	16,025,700
By-Products	2001			293	1,111,349		0.25	277,800
Oranges-Navel	2000	5,946	3,820	603	2,303,460	37.5 lbs	5.84	13,452,200
By-Products	2000			187	714,340		0.31	221,400
Oranges-Valencia	2001	6,779	3,955	370	1,463,350	37.5 lbs	8.71	12,745,800
By-Products	2001			296	1,170,680		0.73	854,600
Oranges-Valencia	2000	6,732	2,764	532	1,470,448	37.5 lbs	7.48	10,999,000
By-Products	2000		3,858	143	551,694		1.22	673,100
Royal Mandarins	2001	480	480	450	216,000	37.5 lbs	8.00	1,728,000
By-Products	2001			90	43,200		1.88	78,200
Royal Mandarins	2000	525	500	445	222,500	37.5 lbs	7.73	1,719,900
By-Products	2000			88	44,000		1.88	82,700
Tangelos	2001	580	376	431	162,056	30 lbs	10.87	1,761,500
By-Products	2001			168	63,168		0.15	9,500
Tangelos	2000	551	507	260	131,820	30 lbs	13.29	1,751,900
By-Products	2000			87	44,109		1.99	87,800
Tangerines	2001	1,421	1,393	476	663,068	25 lbs	9.06	6,007,400
By-Products	2001			127	176,911		1.01	178,700
Tangerines	2000	1,716	1,543	488	752,984	25 lbs	8.49	6,392,800
By-Products	2000			103	158,929		1.26	200,300
TOTAL	2001	30,011	23,591					\$130,221,100
	2000	30,653	22,689					114,572,900

TREE AND VINE CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
Apples	2001	86	86	103	8,858	40 lbs	11.79	\$ 104,400
	2000	122	120	110	13,200		10.00	132,000
Avocados	2001	7,160	6,863	183	1,255,929	26 lbs	28.00	35,166,000
	2000	7,160	6,863	216	1,482,408		27.50	40,766,200
Cherries	2001	27	26	50	1,300	18 lbs	29.00	37,700
	2000	42	42	68	2,856		28.17	80,500
Dates	2001	5,507	3,507	4.04	14,168	tons	2,637.00	37,361,000
Culls	2001			0.44	1,543		66.24	102,200
Dates	2000	5,479	3,813	4.11	15,671	tons	2,280.00	35,729,900
Culls	2000			0.39	1,487		50.00	74,400
Grapes - Table								
Beauty Seedless	2001	226	226	657	148,482	18 lbs	15.98	2,372,700
	2000	185	149	772	115,028		15.41	1,772,600
Exotic	2001	33	33	630	20,790	18 lbs	7.04	146,400
	2000	55	27	969	26,163		7.10	185,800
Flame Seedless	2001	4,369	4,369	774	3,381,606	18 lbs	13.05	44,130,000
	2000	5,103	4,761	764	3,637,404		11.07	40,266,100
Perlette	2001	2,785	2,785	824	2,294,840	18 lbs	12.77	29,305,100
	2000	3,140	2,879	559	1,609,361		10.48	16,866,100
Thompson Seedless	2001	1,732	1,732	948	1,641,936	18 lbs	8.30	13,628,100
	2000	2,300	1,897	857	1,625,729		10.39	16,891,300
Other Varieties	2001	1,243	1,243	879	1,092,597	18 lbs	16.86	18,421,200
	2000	1,400	1,032	827	853,464		13.05	11,137,700
HARVESTED TABLE GRAPE ACREAGE SUPPLIED BY CALIFORNIA DESERT GRAPE ADMINISTRATIVE COMMITTEE								
Grape By-Products*	2001	Miscellaneous						
	2000			0.14	1,504	tons	1,025.00	1,541,600
Grapes - Wine	2001	2,402	2,302	4.50	10,359	tons	900.00	9,323,100
	2000	2,767	2,073	5.32	11,028		966.68	10,660,500
Miscellaneous**	2001	844	713	120	85,560	24 lbs	14.41	1,232,900
	2000	499	393	105	41,265		24.46	1,009,300
Peaches - Freestone	2001	81	65	192	12,480	22 lbs	12.74	159,000
	2000	86	81	230	18,630		7.50	139,700
Persimmons	2001	43	38	388	14,744	24 lbs	6.06	89,300
	2000	67	62	400	24,800		5.50	136,400
TOTAL	2001	26,538	23,988					\$191,579,100
	2000	28,405	24,192					177,390,100

* Raisins and Juice

** Apricots, Figs, Grape By-Products, Jojoba, Jujube, Longan, Lychee, Nectarines, Olives, Pears, Pecans, Pistachios, Plums, Pomegranates, and Walnuts.

VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Artichokes	2001	844	1028	867,632	23 lbs	6.93	\$ 6,012,700
	2000	880	761	669,680		7.39	4,948,900
Beans-Green	2001	416	292	121,472	28 lbs	16.57	2,012,800
	2000	538	363	195,294		16.57	3,236,000
Broccoli	2001	3,011	559	1,683,149	23 lbs	6.37	10,721,700
	2000	3,519	629	2,213,451		5.40	11,952,600
Cabbage	2001	271	589	159,619	50 lbs	4.91	783,700
	2000	417	479	199,743		6.02	1,202,500
Carrots	2001	3,952	724	2,861,248	48 lbs	5.94	16,995,800
	2000	3,498	944	3,302,112		5.90	19,482,500
Cauliflower	2001	844	871	735,124	23 lbs	7.07	5,197,300
	2000	996	817	813,732		7.02	5,712,400
Celery	2001	267	1,261	336,687	60 lbs	8.05	2,710,300
	2000	253	935	236,555		7.97	1,885,300
Corn-Sweet	2001	2,154	371	799,134	45 lbs	7.50	5,993,500
	2000	3,201	331	1,059,531		5.45	5,774,400
Eggplant	2001	165	1,141	188,265	20 lbs	7.23	1,361,200
	2000	266	1,193	317,338		6.10	1,935,800
Lettuce Head	2001	1,783	401	714,983	50 lbs	6.19	4,425,700
	2000	1,922	472	907,184		5.45	4,944,200
Head-Bulk For Shredding	2001	1,663	3.60	5,987	1000 lbs	87.60	524,500
	2000	1,761	3.14	5,529		91.47	505,700
Loose Leaf	2001	2,877	844	2,428,188	22 lbs	7.59	18,429,900
	2000	3,082	882	2,718,324		5.53	15,032,300
Romaine	2001	1,462	891	1,302,642	35 lbs	8.15	10,616,500
	2000	1,988	885	1,759,380		5.72	10,063,700

VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Melons							
Cantaloupe	2001	3,876	507	1,965,132	40 lbs	5.86	\$ 11,515,700
	2000	4,100	545	2,234,500		5.78	12,915,400
Honeydew	2001	1,138	636	723,768	29 lbs	4.38	3,170,100
	2000	1,039	679	705,481		4.51	3,181,700
Miscellaneous	2001	929	345	320,505	33 lbs	5.91	1,894,200
	2000	1,122	550	617,100		5.03	3,104,000
Watermelon	2001	1,914	26.9	51,487	tons	200.00	10,297,400
	2000	2,401	28.0	67,228		136.52	9,178,000
Miscellaneous*	2001	1170	280	327,600	28 lbs	15.96	5,228,500
	2000	1,134	265	300,510		18.58	5,583,500
Okra	2001	121	600	72,600	20 lbs	9.96	723,100
	2000	251	443	111,193		10.74	1,194,200
Onions							
Dehydrator	2001	Miscellaneous					
	2000	510	17	8,670	tons	82.00	710,900
Dry	2001	640	1,020	652,800	50 lbs	6.86	4,478,200
	2000	591	910	537,810		4.32	2,323,300
Oriental Vegetables	2001	2,885	720	2,077,200	28 lbs	6.24	12,961,700
	2000	1,797	751	1,349,547		11.15	15,047,400
Peppers							
Bell	2001	3,202	1,229	3,935,258	30 lbs	7.44	29,278,300
	2000	2,667	1,448	3,861,816		7.64	29,504,300
Chili	2001	15	906	13,590	10 lbs	8.64	117,400
	2000	25	1,115	27,875		6.85	190,900
Potatoes							
Fall	2001	1,860	226	420,360	100 lbs	8.66	3,640,300
	2000	2,696	183	493,368		9.00	4,440,300
Spring	2001	2,304	283	652,032	100 lbs	11.76	7,667,900
	2000	3,177	405	1,286,685		8.70	11,194,200
Pumpkins	2001	101	20.8	2,101	tons	105.18	221,000
	2000	140	14.0	1,960		179.00	350,800
Spinach	2001	1,054	945	996,030	30 lbs	12.27	12,221,300
	2000	853	963	821,439		7.12	5,848,600

VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Squash							
Summer (misc. var.)	2001	330	655	216,150	28 lbs	5.92	\$ 1,279,600
	2000	352	645	227,040		6.82	1,548,400
Winter (misc. var.)	2001	70	364	25,480	40 lbs	4.06	103,400
	2000	161	422	67,942		4.02	273,100
Strawberries	2001	24	471	11,304	12 lbs	10.00	113,000
	2000	10	720	7,200		10.00	72,000
Tomatoes	2001	396	2,023	801,108	20 lbs	7.60	6,088,400
	2000	58	1,200	69,600		5.50	382,800
TOTAL	2001	41,459					\$196,785,100
	2000	45,405					193,720,100

*Beets, Cilantro, Cucumbers, Endive, Escarole, Fennell, Gailon, Garlic, Herbs, Kale, Leeks, Parsley, Peas, Radishes, Spices, and Turnips.

FIELD AND SEED CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Beans-Dry	2001	420	14.30	6,006	100 lbs	29.00	\$ 174,200
	2000	585	12.57	7,353		21.58	158,700
Cotton							
Short Staple	2001	16,473	3.07	50,572	500 lbs	250.00	12,643,000
	2000	14,011	3.67	51,420		275.00	14,140,500
Seed	2001		1.22	20,097	tons	110.00	2,210,700
	2000		1.47	20,596		110.00	2,265,600
Grain							
Barley	2001	Miscellaneous					
	2000	Miscellaneous					
Oat	2001	None Reported					
	2000	401	3.10	1,243	tons	50.00	62,200
Wheat	2001	24,120	0.90	21,708	tons	111.24	2,414,800
	2000	6,532	2.49	16,265		121.93	1,983,200

FIELD AND SEED CROPS

	Year	Harvested Acreage	Production		Unit	Value		
			Per Acre	Total		Per Unit	Total	
Hay								
Alfalfa	2001	57,254	8.87	507,843	tons	96.45	\$ 48,981,500	
	2000	56,194	8.08	454,048		83.32	37,831,300	
Barley	2001	1,415	1.00	1,415	ton	80.00	113,200	
	2000	None Reported						
Bermuda Grass	2001	1,676	5.90	9,888	tons	76.00	751,500	
	2000	1,521	3.50	5,324		68.00	362,000	
Klein Grass	2001	2,439	8.90	21,707	tons	98.00	2,127,300	
	2000	1,591	7.25	11,535		73.00	842,100	
Oat	2001	3,557	2.62	9,319	tons	92.63	863,200	
	2000	2,736	2.21	6,047		87.32	528,000	
Sudan	2001	2,089	5.48	11,448	tons	86.31	988,100	
	2000	1,494	4.70	7,022		85.00	596,900	
Straw-Other	2001	4,012	1.90	7,622	tons	32.00	243,900	
	2000	1,665	1.50	2,498		20.00	50,000	
Miscellaneous*	2001	2,939	4.20	12,343	tons	78.82	972,900	
	2000	2,412	5.17	12,470		86.31	1,076,300	
Pasture-Irrigated	2001	16,397		16,397	acres	128.66	2,109,600	
	2000	15,312		15,312		114.31	1,750,300	
Rangeland	2001	45,000		45,000	acres	5.00	225,000	
	2000	45,480		45,480		5.00	227,400	
Silage and Green Chop								
Alfalfa	2001	2,614	30.00	78,420	tons	30.00	2,352,600	
	2000	3,735	30.00	112,050		19.74	2,211,900	
Corn	2001	1,315	30.00	39,450	tons	29.77	1,174,400	
	2000	1,740	29.88	51,991		25.38	1,319,500	
Forage	2001	4,055	10.00	40,550	tons	18.00	729,900	
	2000	7,337	10.00	73,370		14.00	1,027,200	
Sudan	2001	Miscellaneous						
	2000	Miscellaneous						
Seed								
Bermuda Grass	2001	1,270	513.00	651,510	lbs	1.75	1,140,100	
	2000	1,115	292.00	325,580		1.50	488,400	
TOTAL								
	2001	187,045					\$80,215,900	
	2000	163,861					66,921,500	

* Barley (Grain, Green Chop), Milo Maize (Grain), Oats (Green Chop), Onion Seed, Peanuts, Rye Grass (Hay), Safflower, Sudan (Green Chop), Timothy Grass (Hay), and Wheat (Green Chop).

LIVESTOCK AND POULTRY

Value	Year	Number	Total	Unit	Per	Total
		of Head	Liveweight		Unit	
Cattle and Calves	2001	40,000	200,000	cwt	54.00	\$ 10,800,000
	2000	70,000	455,000		49.00	22,295,000
Sheep and Lambs	2001	90,120	82,724	cwt	48.60	4,020,400
	2000	15,000	18,000		65.00	1,170,000
Chickens (Spent Hens)	2001	3,595,350	12,943,260	lbs	0.001	12,900
	2000	3,778,500	13,602,600		0.005	68,000
Other Livestock*	2001	484,038	31,500	cwt	50.24	1,582,600
	2000	530,000	34,238		7.00	239,700
Chickens	2001	6,537,000 (annual average)				
	2000	6,870,000(annual average)				
TOTAL	2001					\$ 16,415,900
	2000					23,772,700

*Ducks, Hogs, Rabbits, and Squab

LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Value	
				Per Unit	Total
Eggs*	2001	143,814,000	dozen	0.39	\$ 56,231,300
	2000	151,140,000		0.45	68,013,000
Milk**	2001	19,341,026	cwt	15.12	292,436,300
	2000	21,796,256		12.53	273,107,100
Other Products***	2001				2,500,000
	2000				2,100,000
TOTAL	2001				\$ 351,167,600
	2000				343,220,100

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

** Information Supplied by: California Agricultural Statistics Service.

*** Hides, Manure and Wool.

NURSERY STOCK PRODUCTION

	Year	Acres	Production	Unit	Valuation
Ornamental Nursery Stock	2001	2,450	15,693,753	various	\$ 94,015,800
	2000	2,400	36,000,000		75,400,000
Cut Flowers and Cut Greens	2001	345	2,070,000	cuttings	1,035,100
	2000	240	7,200,000		2,400,000
Christmas Trees (cut)	2001	85	15,500	each	415,400
	2000	120	22,000		550,000
Turf	2001	3,266	142,231,034	square feet	29,796,000
	2000	2,805	102,634,950		21,730,300
Farm Planting Stock	2001	184	356,775	various	13,109,000
	2000	120	1,080,000		7,440,000
TOTAL	2001	6,330			\$ 138,371,300
	2000	5,685			107,520,300

AQUACULTURE PRODUCTS

	Year	Production	Unit	Valuation
All Fish Includes Trout, Catfish, Tilapia	2001	6,871,214	lbs	\$ 15,412,400
	2000	6,990,630		17,174,700

APICULTURE

	Year	Production	Unit	Value	
				Per Unit	Total
Honey	2001	4,940,000	lbs	0.58	\$ 2,865,200
	2000	4,950,000		0.50	2,475,000
Beeswax	2001	123,500	lbs	1.25	154,400
	2000	123,000		1.25	153,800
Queen Cells	2001	200	queens	2.00	400
	2000	200		2.00	400
Fees Collected for Pollination	2001	40,000	colonies	43.00	1,720,000
	2000	40,000		41.00	1,640,000
Total Colonies	2001	45,000			
	2000	45,000			
TOTAL	2001				\$ 4,740,000
	2000				4,269,200

DISTRICT VALUATIONS - AGRICULTURAL CROPS

	1997	1998	1999	2000	2001
Riverside/Corona	\$ 29,046,200	\$ 38,383,900	\$ 31,464,000	\$ 31,203,800	\$ 49,707,800
San Jacinto/Temecula Valley	97,820,700	112,639,900	94,443,000	102,293,100	138,802,600
Coachella Valley	331,708,300	398,156,700	427,605,600	324,729,300	450,695,100
Palo Verde Valley	102,904,800	92,011,800	90,393,100	93,876,000	99,073,100

ACREAGE STATISTICS

	1997	1998	1999	2000	2001
Citrus	33,376	31,091	30,757	30,653	30,011
Trees and Vines	31,222	30,361	29,942	28,405	26,538
Vegetables, Melons, & Misc.	43,296	45,276	48,008	45,405	41,738
Field and Seed Crops	210,727	219,863	210,463*	163,861	187,045
Total Planted Acreage	318,621	326,591	319,170*	268,324	285,332

TOTAL VALUATION - F.O.B.

	1997	1998	1999	2000	2001
Citrus	\$86,567,200	\$110,869,900	\$118,236,100	\$114,572,900	\$130,221,100
Trees and Vines	219,949,200	248,126,600	224,383,600	177,390,100	191,579,100
Vegetables, Melons, & Misc.	164,748,200	204,511,200	238,001,400	193,720,100	196,785,100
Field and Seed Crops	90,647,300	77,180,200	64,554,300	66,921,500	80,215,900
Nursery	82,827,400	94,549,900	90,377,000	107,520,300	138,371,300
Apiculture	5,375,700	6,539,300	5,572,000	4,269,200	4,740,000
Aquaculture Products	12,535,300	10,431,000	16,006,800	17,174,700	15,412,400
Total Crop Valuation	\$662,650,300	\$752,208,100	\$757,131,200	\$681,568,800	\$757,324,900
Livestock & Poultry Valuation	425,269,700	447,298,600	440,230,900	366,992,800	367,583,500
GRAND TOTAL	\$1,087,920,000	\$1,199,506,700	\$1,197,362,100	\$1,048,561,600	\$1,124,908,400

* Revised

RIVERSIDE COUNTY LEADING AGRICULTURAL VALUATIONS

<u>2000</u>			<u>2001</u>		
1.	Milk	\$273,107,100	1.	Milk	\$292,436,300
2.	Nursery	107,520,300	2.	Nursery	138,371,300
3.	Grapes, Table	87,119,600	3.	Grapes, Table	108,003,500
4.	Eggs	68,013,000	4.	Lemons	62,646,300
5.	Lemons	43,820,200	5.	Eggs	56,231,300
6.	Avocados	40,766,200	6.	Hay, all	53,483,600
7.	Hay, all	40,210,300	7.	Dates	37,463,200
8.	Dates	35,804,300	8.	Avocados	35,166,000
9.	Grapefruit, Ruby & White	32,864,300	9.	Peppers, Bell	29,278,300
10.	Peppers, Bell	29,504,300	10.	Grapefruit, Ruby & White	27,590,200
11.	Cattle and Calves	22,295,000	11.	Lettuce, Loose Leaf	18,429,900
12.	Carrots	19,482,500	12.	Carrots	16,995,800
13.	Aquaculture Products	17,174,700	13.	Oranges, Navel	16,303,500
14.	Potatoes	15,634,500	14.	Aquaculture Products	15,412,400
15.	Oriental Vegetables	15,047,400	15.	Oranges, Valencia	13,600,400
16.	Lettuce, Loose Leaf	15,032,300	16.	Oriental Vegetables	12,961,700
17.	Cotton	14,140,500	17.	Cotton	12,643,000
18.	Oranges, Navel	13,452,200	18.	Spinach	12,221,300
19.	Cantaloupe	12,915,400	19.	Cantaloupe	11,515,700
20.	Broccoli	11,952,600	20.	Cattle and Calves	10,800,000

CALIFORNIA'S LEADING AGRICULTURAL COUNTIES BY TOTAL VALUE OF PRODUCTION

<u>1998</u>			<u>1999</u>			<u>2000</u>		
<u>RANK</u>	<u>COUNTY</u>	<u>VALUE</u>	<u>COUNTY</u>	<u>VALUE</u>	<u>COUNTY</u>	<u>VALUE</u>		
1	FRESNO	\$3,292,713,000	FRESNO	\$3,568,379,000	FRESNO	\$3,423,539,000		
2	TULARE	2,924,270,000	TULARE	3,078,087,000	TULARE	3,068,063,000		
3	MONTEREY	2,295,296,000	MONTEREY	2,369,154,000	MONTEREY	2,923,264,000		
4	KERN	2,068,351,000	KERN	2,129,928,000	KERN	2,209,928,000		
5	MERCED	1,449,763,000	MERCED	1,534,030,000	MERCED	1,538,545,000		
6	SAN JOAQUIN	1,311,116,000	SAN JOAQUIN	1,352,690,000	SAN JOAQUIN	1,348,724,000		
7	STANISLAUS	1,302,715,000	SAN DIEGO	1,242,548,000	SAN DIEGO	1,253,845,000		
8	RIVERSIDE	1,199,534,000	STANISLAUS	1,210,211,000	STANISLAUS	1,197,302,000		
9	SAN DIEGO	1,178,406,000	RIVERSIDE	1,197,389,000	RIVERSIDE	1,048,590,000		
10	IMPERIAL	1,083,232,000	VENTURA	1,059,123,000	VENTURA	1,047,128,000		

PHYTOSANITARY EXPORT CERTIFICATION

Export Countries

Australia	Dominican Republic	Italy	Saudi Arabia
Austria	Ecuador	Jamaica	Senegal
Bahrain	Egypt	Japan	Singapore
Belguim	El Salvador	Lebanon	South Africa
Belize	Eritrea	Malaysia	Spain
Bermuda	France	Mexico	Sri Lanka
Bolivia	French Polynesia	Netherlands	Surinam
Burkina Faso	Germany	New Zealand	Switzerland
Cameroon	Ghana	Nigeria	Taiwan
Canada	Grenada	Pakistan	Thailand
Chile	Guatemala	Panama	Trinidad and Tobago
Colombia	Honduras	People's Republic of China	Turkey
Costa Rica	Hong Kong	Peru	United Arab Emirates
Cyprus	India	Philippines	Uruguay
Czech Republic	Indonesia	Republic of Korea	United Kingdom
Denmark	Israel	Russian Federation	Venezuela

Commodities Certified

Alfalfa Hay	Cantaloupes	Date Palm Offshoots	Mangos
Alfalfa Hay Cubes	Carrots	Dates	Nursery Stock
Animal Feed	Cauliflower	Dried Flowers	Oat Hay
Avocados	Citrus Fruits	Figs	Peppers
Bell Peppers	Citrus Budwood	Grapes	Potatoes
Bermuda Grass Sod	Citrus Seed	Honeydews	Straw
Broccoli	Corn	Klein Grass Hay	Sudan Grass Hay
Cabbage	Cottonseed	Lettuce	Tomatoes
			Watermelon

SUSTAINABLE AGRICULTURE

ORGANIC FARMING

114 Organic Producers Registered in Riverside County

PEST DETECTION (Commercial and Urban)

	Visual
	Hours
Commercial Crops	274.00
Public Contact	146.80
Special Surveys:	
Karnal Bunt	0.00
Sting Nematode	0.00
Tristeza	0.00
Red Imported Fire Ant	9725.50
Certification Trapping	1365.80

Citrus Tristeza Indexing (Coachella Valley):

Commercial

Number of properties tested	63
Number of acres sampled	1,383
Number of samples tested biochemically	7,647
Number of "positive" <u>commercial</u> samples	0

Residential

Number of properties tested	0
Number of trees surveyed	0
Number of samples tested biochemically	0
Numer of "positive" <u>residential</u> samples	0

PEST DETECTION (Exotic Insects)

	Traps in Operation (Seasonal High)	Number of Servicings
Mediterranean Fruit Fly	1,427	26,454
Oriental Fruit Fly	1,213	21,450
Melon Fruit Fly	697	11,985
Gypsy Moth	557	3,946
Japanese Beetle	460	3,097
Mexican Fruit Fly	1,274	32,885
European Corn Borer	27	218
Khapra Beetle	75	78
Scientific Evaluation	251	3,509

PEST EXCLUSION

Incoming Plant Shipments

Total Units <u>Profiled</u>	Total Units <u>Inspected</u>	Shipments <u>Rejected</u>
2,492	1,666	86

PEST ABATEMENT

<u>Pest</u>	<u>Properties</u>
California Red Scale (citrus insect pest)	5
Citrus Tristeza Virus (a disease of citrus)	0
Sting Nematode (extensive host range)	8
Glassy-winged Sharpshooter	40

BIOLOGICAL CONTROL OF WEEDS

<u>Pest</u>	<u>Control Agent</u>
Yellow starthistle	<u>Bangasternus orientalis</u> <u>Eustenopus villosus</u>
Puncturevine	<u>Microlarinus lareynii</u> <u>Microlarinus lypriformis</u>

BIOLOGICAL CONTROL OF INSECTS AND SNAILS

<u>Pest</u>	<u>Control Agent</u>
Ash whitefly	<u>Encarsia artemopea</u>
Black scale	<u>Metaphycus elvolus</u>
Brown soft scale	<u>Metaphycus uteolus</u>
California red scale	<u>Aphytis melinus</u>
Citrus mealybug	<u>Cryptolaemus montrouzieri</u>
Citrus whitefly	<u>Encarsia sp.</u> <u>Serangium parcesetosum</u>
Cottonycushion scale	<u>Rodolia cardinalis</u> <u>Cryptochaetum iceryae</u>
Eucalyptus longhorned borer	<u>Avetianella longoi</u> <u>Jarra phoracantha</u> <u>Syngaster lepidus</u>
Mosquitoes	<u>Aedes vexans</u> <u>Culex quinquefasciatus</u> <u>Bacillus thur. israelensis</u> <u>Culex tarsalis</u> <u>Psorophora columbiae</u> <u>Gambusia affinis</u>
Persea mite	<u>Galendromus annectens</u> <u>Galendromus helveolus</u> <u>Galendromus pilosus</u>
Two-spotted spider mite	<u>Phytoseiulus persimilis</u> <u>Galendromus occidentalis</u>
Vine mealybug	<u>Cryptolaemus montrouzieri</u>
Western grapeleaf skeletonizer	<u>Ametadoria harrisinae</u> <u>Apanteles harrisinae</u>
Woolly whitefly	<u>Amitus spiniferus</u> <u>Cales noacki</u>
Brown garden snail	<u>Rumina decollata</u>

SUPPRESSION OF PLANT DISEASES

Curlytop virus reduced by controlling Beet leafhopper (insect) on Russian thistle (weed). Cultural and biological control of the Silverleaf whitefly (insect) to suppress plant disorders and fungi on numerous host crops planted throughout the desert regions of Riverside County.

OTHER

Enforcement of County Ordinances to control Lettuce Mosaic Virus disease, soil (dust) erosion and illegal soil grading, land application of agricultural manure & sewage sludge, and cotton plowdown.

STAFF MEMBERS

AGRICULTURAL COMMISSIONER/DIRECTOR OF WEIGHTS & MEASURES

James O. Wallace

ASSISTANT AGRICULTURAL COMMISSIONER

Calvin C. Kaminskas

DEPUTY AGRICULTURAL COMMISSIONERS / SEALERS

Bill Oesterlein Bill Tracy Dusty Wiley

SEALER OF WEIGHTS & MEASURES

John Snyder

SUPERVISING AGRICULTURAL & STANDARDS INVESTIGATORS

Don Domenigoni
Gursewak Sidhu

Bob Mulherin
Sue Weber

AGRICULTURAL & STANDARDS INVESTIGATORS

Rick Allert	Charles Hardesty	Victor Miranda
Carolyn Brown	Thomas Hought	Keith Selnick
Jennifer Chandler	Debbie Kotaka	Richard Shaffer
Dia Elseewi	Charles Kregl	Hugo Soto
Tom Finan	Michael Lahti	Michele Tracy
Julius Francisco	Stuart Lease	Lily Vargas
Erin Freeman	Arturo Lomeli	Tom Vizthum
Chad Godoy	Deborah May	Lena Wages
Dean Gottlieb	Dennis Miller	

WEIGHTS AND MEASURES INSPECTOR

Doug Simmons

AGRICULTURAL INSPECTORS

Raul Acosta	Hector Herrera	Mike Madiel
Steve Bennett	Grace Huff	Mike Pahls
Lois Berger	Oscar Iniquez	Laurie Patla
Michael Dishman	Jack Nelson	Booker Rogers
Laura Doughty	John Nelson	Alex Vasquez
Brad Eldridge	Steve Oliver	Frank Villegas
Raul Espinosa	Angel Orozco	Dennis Wahl
Wayne Faulkner	Geovany Ortiz	Alvin Watson
Linda Gaeta	Milton Ortiz	Gene White
Viviana Ortiz		

CLERICAL SUPPORT STAFF

Camille Alexen	Billie Seale
Adela Davis	Johanna Starks
Elisa Monteil	Patrice Wyatt
Cynthia Ramos	

Picturesque sites along the walking trail of the California Citrus State Historic Park.



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

9400

CALIFORNIA CITRUS
STATE HISTORIC PARK