

RIVERSIDE COUNTY

AGRICULTURAL PRODUCTION REPORT

2014



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It is with great pleasure that I present the 2014 Riverside County Agricultural Production Report. This report is produced in accordance with Section 2279 of the California Food and Agricultural Code, and summarizes the acreage, production and value of Riverside County's agricultural commodities.

This year's report represents a total gross valuation of **\$1,362,016,000**, an increase of \$34.2 million (2.6%) over the previous year. This increase, this establishes a new record for Riverside County.

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. Growers do not have control over most input costs, such as fuel, fertilizers and packaging, nor can they significantly affect market prices.

Crop values vary from year to year based on production, market fluctuations and weather. In 2014, our major commodity groups experienced some significant ups and downs. Citrus, for example, was up 20% due in large part to improved yields and favorable prices in our lemon crop. Nursery production, on the other hand, fell nearly 10% as growers adapted to landscape market changes brought on by the on-going drought.

A key factor in Riverside County's agricultural strength is in the diversity of crops produced. This is especially important as producers contend with fluctuating climate and weather patterns. Our 2014 report includes more than 120 different commodities, thirty-eight of which have a gross value in excess of \$1,000,000. Despite the multitude of challenges faced by agriculturalists in 2014, Riverside County exported high-quality food and fiber to more than 50 countries worldwide.

This report is our yearly opportunity to recognize the growers, shippers, ranchers and other businesses instrumental to and supportive of agriculture in Riverside County. As such, I would like to extend my thanks to the industry for their continued efforts in providing the vital information that enables the compilation of this report.

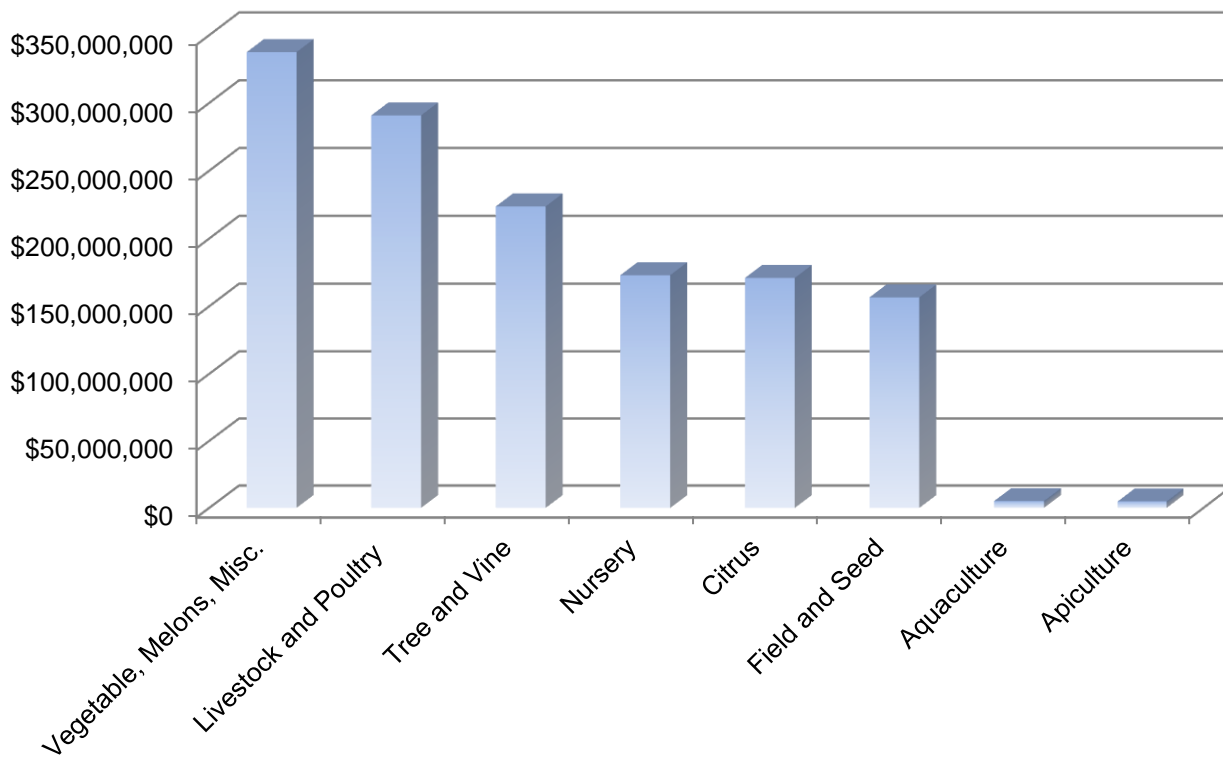
Respectfully submitted,

John Snyder
Agricultural Commissioner
Sealer of Weights and Measures

FIVE YEAR COMPARISON

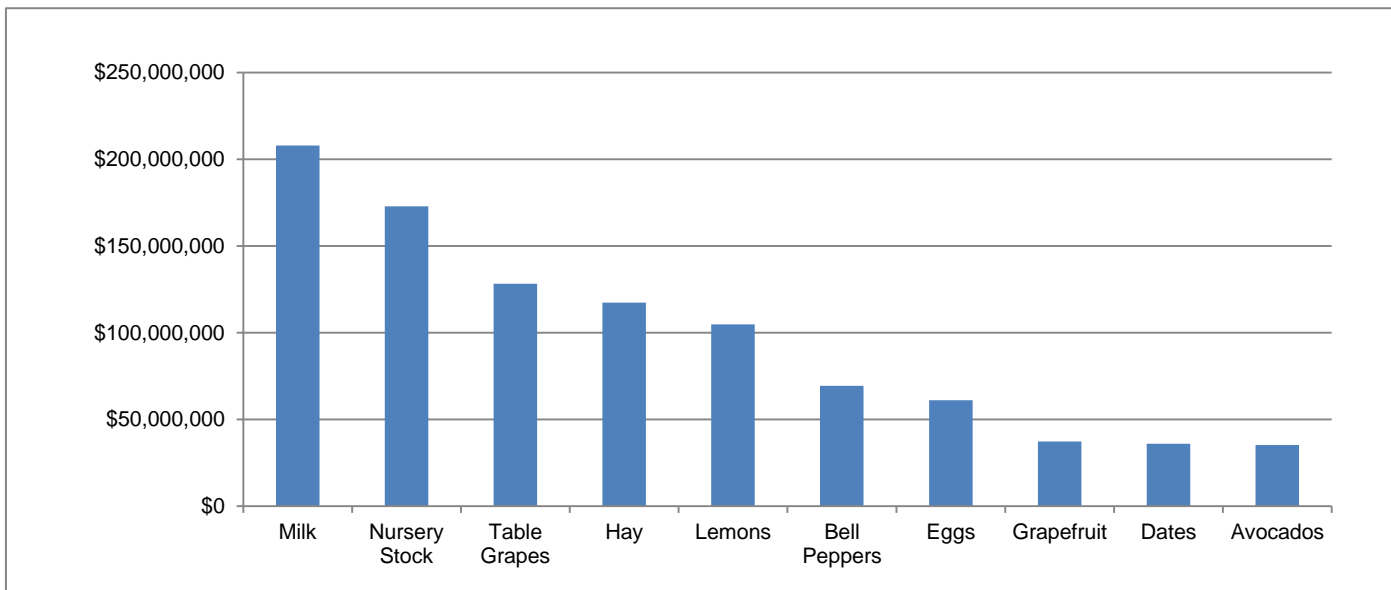
Commodity Group	2010	2011	2012	2013	2014
Citrus	\$140,500,922	\$119,942,513	\$125,711,000	\$142,404,000	\$170,891,000
Tree and Vine	\$164,993,960	\$232,649,262	\$217,214,000	\$232,536,000	\$223,593,000
Vegetable, Melons, Misc.	\$292,002,337	\$278,628,295	\$286,234,000	\$340,407,000	\$337,404,000
Field and Seed	\$81,328,229	\$149,198,052	\$147,352,000	\$154,582,000	\$156,575,000
Nursery	\$169,341,300	\$200,154,964	\$190,878,000	\$191,215,000	\$172,910,000
Apiculture	\$4,631,700	\$4,844,400	\$4,983,000	\$4,715,000	\$4,819,000
Aquaculture	\$4,921,700	\$4,808,250	\$4,205,000	\$2,262,000	\$5,078,000
Livestock and Poultry	\$235,926,225	\$292,030,380	\$276,553,000	\$259,683,000	\$290,746,000
GRAND TOTAL	\$1,093,646,373	\$1,282,256,116	\$1,253,130,000	\$1,327,804,000	\$1,362,016,000

2014 COMMODITY GROUP VALUES



TEN LEADING CROPS FOR 2014

Rank	Crop	Value
1st	Milk	\$207,889,000
2nd	Nursery Stock	172,910,000
3rd	Table Grapes	128,272,000
4th	Hay	117,470,000
5th	Lemons	104,779,000
6th	Bell Peppers	69,347,000
7th	Eggs	61,096,000
8th	Grapefruit	37,300,000
9th	Dates	36,031,000
10th	Avocados	35,343,000



OTHER MILLION DOLLAR CROPS

Crop	Value	Crop	Value	Crop	Value
Strawberries	27,672,000	Spices / Herbs	10,462,000	Navel Orange	4,260,000
Oriental Vegetables	27,384,000	Loose Leaf Lettuc	10,460,000	Eggplant	4,191,000
Potatoes	24,538,000	Celery	9,531,000	Tomatoes	3,993,000
Carrots	23,170,000	Green Beans	9,604,000	Tilapia	3,905,000
Cotton	18,087,000	Cauliflower	8,198,000	Honeydew Melon	3,586,000
Cattle / Calves	17,898,000	Wheat - Grain	6,871,000	Tangelos	2,981,000
Watermelon	16,555,000	Artichoke	6,518,000	Valencia Orange	2,910,000
Mandarins / Tangerines	15,312,000	Head Lettuce	6,499,000	Squash	2,936,000
Romaine Lettuce	15,120,000	Sweet Corn	5,962,000	Radishes	2,469,000
Wine Grapes	13,635,000	Cantaloupe	5,144,000	Dry Onions	1,713,000
Silage	13,112,000	Apiculture	4,819,000	Peaches	1,690,000
Spinach	12,118,000	Okra	4,640,000	Sheep / Lambs	1,644,000
Broccoli	10,744,000	Mixed Melon	4,285,000		

PRODUCTION VALUATION CHANGES 2013 TO 2014

<u>Crop</u>	<u>2014</u>	<u>2013</u>	<u>Value Change (\$)</u>	<u>Percentage Change</u>
Citrus	170,891,000	142,404,000	28,487,000	20.0%
Tree and Vine	223,593,000	232,536,000	(8,943,000)	-3.8%
Vegetables	337,404,000	340,407,000	(3,003,000)	-0.9%
Field and Seed	156,575,000	154,582,000	1,993,000	1.3%
Nursery	172,910,000	191,215,000	(18,305,000)	-9.6%
Apiculture	4,819,000	4,715,000	104,000	2.2%
Aquaculture	5,078,000	2,262,000	2,816,000	124.5%
All Agriculture	1,071,270,000	1,068,121,000	3,149,000	0.3%
Livestock and Poultry	290,746,000	259,683,000	31,063,000	12.0%
Grand Total	1,362,016,000	1,327,804,000	34,212,000	2.6%



CITRUS CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
Grapefruit-Red	2014	1,531	1,531	14.79	22,600	tons	562.96	12,723,000
By-Products	2014			2.66	4,070	tons	59.92	244,000
Grapefruit-Red	2013	1,594	1,594	14.82	23,600	tons	535.30	12,633,000
By-Products	2013			2.77	4,420	tons	59.56	263,000
Grapefruit-Ruby	2014	3,118	3,118	14.68	45,800	tons	502.88	23,032,000
By-Products	2014			2.51	7,830	tons	62.60	490,000
Grapefruit-Ruby	2013	3,183	3,183	15.28	48,600	tons	481.10	23,381,000
By-Products	2013			2.67	8,500	tons	62.66	533,000
Grapefruit-Other	2014	135	135	13.83	1,870	tons	427.41	799,000
By-Products	2014			2.20	297	tons	40.13	11,900
Grapefruit-Other	2013	130	130	13.88	1,800	tons	408.61	735,000
By-Products	2013			2.37	308	tons	45.78	14,100
Lemons	2014	6,349	6,249	15.15	94,700	tons	1,090.32	103,253,000
By-Products	2014			2.45	15,300	tons	99.74	1,526,000
Lemons	2013	5,753	5,623	14.88	83,700	tons	911.90	76,326,000
By-Products	2013			2.51	14,100	tons	96.37	1,359,000
Miscellaneous*	2014	333	333	9.01	3,000	tons	961.13	2,883,000
Miscellaneous*	2013	54	54	3.85	208	tons	1,938.27	403,000
Oranges-Navel	2014	1,453	1,414	9.87	14,000	tons	318.95	4,465,000
By-Products	2014			4.15	5,870	tons	44.39	261,000
Oranges-Navel	2013	1,309	1,309	11.48	15,000	tons	349.17	5,238,000
By-Products	2013			4.83	6,320	tons	49.41	312,000
Oranges-Valencia	2014	1,311	1,303	8.20	10,700	tons	254.34	2,721,000
By-Products	2014			2.12	2,760	tons	68.62	189,000
Oranges-Valencia	2013	1,321	1,314	9.04	11,900	tons	311.46	3,706,000
By-Products	2013			2.28	3,000	tons	68.06	204,000
Mandarins / Tangerines	2014	1,636	1,636	8.71	14,200	tons	1,053.81	14,964,000
By-Products	2014			2.69	4,400	tons	79.10	348,000
Mandarins / Tangerines	2013	2,024	2,004	5.77	11,600	tons	1,318.53	15,295,000
By-Products	2013			1.84	3,690	tons	104.18	384,000
Tangelos	2014	482	482	6.81	3,280	tons	869.74	2,853,000
By-Products	2014			2.50	1,210	tons	106.12	128,000
Tangelos	2013	361	283	6.47	1,830	tons	841.50	1,540,000
By-Products	2013			2.43	688	tons	113.33	77,900
TOTAL	2014	16,348	16,201					170,891,000
	2013	15,729	15,494					142,404,000

* Includes: Kumquats, Limes, Blood Oranges.

TREE AND VINE CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
Apples	2014	11	11	3.26	36	tons	1,033.71	37,200
	2013	31	31	2.88	89	tons	1,033.05	91,900
Apricots	2014	17	17	2.25	38	tons	907.55	34,500
	2013	17	17	2.26	38	tons	1,105.00	42,000
Avocados	2014	6,078	5,673	3.30	18,700	tons	1,889.98	35,343,000
	2013	6,483	6,463	3.74	24,200	tons	1,702.75	41,207,000
Cherries	2014	20	50	2.31	116	tons	2,509.09	291,000
	2013	28	28	1.97	55	tons	1,999.23	110,000
Dates	2014	8,465	7,765	2.30	17,900	tons	2,000.00	35,800,000
Culls	2014			0.35	2,720	tons	85.00	231,000
Dates	2013	8,660	7,600	3.15	23,900	tons	1,900.00	45,410,000
Culls	2013			0.25	1,900	tons	80.00	152,000
Grapes - Table*	2014	8,168	7,761	Listed by Variety below.				128,272,000
(Total)	2013	8,293	7,832					125,450,000
Beauty Seedless	2014	43	43	6.30	271	tons	2,444.44	662,000
	2013	49	49	6.30	309	tons	2,573.33	795,000
Exotic	2014	30	30	6.84	205	tons	2,111.11	433,000
	2013	30	30	6.67	200	tons	2,000.00	400,000
Flame Seedless	2014	3,765	3,460	9.58	33,100	tons	2,033.33	67,303,000
	2013	3,900	3,519	9.58	33,700	tons	2,016.67	67,962,000
Perlette	2014	78	78	7.38	576	tons	2,666.67	1,536,000
	2013	81	81	7.20	583	tons	2,555.56	1,490,000
Thompson Seedless	2014	70	70	6.57	460	tons	2,666.67	1,227,000
	2013	69	69	6.54	451	tons	2,650.00	1,195,000
Other Varieties	2014	4,182	4,080	6.30	25,700	tons	2,222.22	57,111,000
	2013	4,164	4,084	6.19	25,300	tons	2,118.89	53,608,000
Grapes - Wine	2014	2,719	2,719	3.92	10,700	tons	1,274.32	13,635,000
	2013	2,671	2,671	4.01	10,700	tons	1,274.21	13,634,000
Miscellaneous**	2014	608	608	8.89	5,410	tons	1,499.56	8,113,000
	2013	454	418	7.56	3,160	tons	1,286.13	4,064,000
Peaches	2014	147	118	7.63	900	tons	1,878.05	1,690,000
	2013	174	147	7.71	1,133	tons	2,019.54	2,289,000
Pomegranates	2014	26	26	7.01	182	tons	804.00	146,000
	2013	15	15	9.00	135	tons	637.32	86,000
TOTAL	2014	26,259	24,748					223,593,000
	2013	26,826	25,222					232,536,000

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

** Includes: Cherimoya, Figs, Jujube, Mangoes, Nectarines, Olive, Pear, Plums, Persimmons, Walnut.

VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Artichokes	2014	642	8.05	5,170	tons	1,260.82	6,518,000
	2013	583	7.56	4,410	tons	1,270.58	5,603,000
Beans-Green	2014	1,186	6.30	7,470	tons	1,285.71	9,604,000
	2013	1,078	6.88	7,420	tons	1,283.16	9,521,000
Broccoli	2014	1,967	6.71	13,200	tons	813.91	10,744,000
	2013	2,199	6.64	14,600	tons	751.67	10,974,000
Cabbage	2014	33	14.85	490	tons	383.28	188,000
	2013	97	18.53	1,800	tons	364.99	657,000
Carrots	2014	4,332	30.68	133,000	tons	174.21	23,170,000
	2013	3,151	37.65	119,000	tons	128.92	15,341,000
Cauliflower	2014	1,014	8.09	8,200	tons	999.81	8,198,000
	2013	1,128	9.17	10,300	tons	804.18	8,283,000
Celery	2014	809	31.63	25,600	tons	372.29	9,531,000
	2013	619	36.08	22,300	tons	426.31	9,507,000
Corn-Sweet	2014	1,258	9.01	11,300	tons	527.60	5,962,000
	2013	2,095	9.55	20,000	tons	463.03	9,261,000
Eggplant	2014	260	17.47	4,540	tons	923.16	4,191,000
	2013	406	16.32	6,630	tons	719.45	4,770,000
Lettuce							
Head	2014	968	13.38	13,000	tons	499.92	6,499,000
	2013	1,220	11.43	13,900	tons	411.19	5,716,000
Loose Leaf	2014	1,206	11.00	13,300	tons	786.47	10,460,000
	2013	1,839	10.93	20,100	tons	706.84	14,207,000
Romaine	2014	1,800	14.00	25,200	tons	600.00	15,120,000
	2013	2,134	13.32	28,400	tons	588.14	16,703,000
Melons							
Cantaloupe	2014	1,086	11.70	12,700	tons	405.00	5,144,000
	2013	957	10.80	10,300	tons	337.50	3,476,000
Honeydew	2014	766	11.75	9,000	tons	398.49	3,586,000
	2013	1,133	10.80	12,200	tons	329.66	4,022,000
Mixed*	2014	788	16.88	13,300	tons	322.20	4,285,000
	2013	466	16.16	7,530	tons	392.86	2,958,000

* Includes: Casaba, Persian, Santa Claus, and Juan Canary.

VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Melons							
Watermelon	2014	1,469	27.43	40,300	tons	410.80	16,555,000
	2013	1,544	27.24	42,100	tons	429.82	18,095,000
Miscellaneous**	2014	1,429	13.21	18,900	tons	549.07	10,377,000
	2013	2,352	8.77	20,600	tons	627.01	12,916,000
Okra	2014	1,118	4.15	4,640	tons	1,000.00	4,640,000
	2013			Miscellaneous			
Onion - Dry	2014	124	38.55	4,780	tons	358.35	1,713,000
	2013	138	37.75	5,210	tons	348.22	1,814,000
Oriental Vegetables	2014	3,014	11.03	33,200	tons	824.83	27,384,000
	2013	3,366	10.67	35,900	tons	833.10	29,908,000
Peppers							
Bell	2014	4,595	17.41	80,000	tons	866.84	69,347,000
	2013	4,668	17.82	83,200	tons	974.00	81,037,000
Potatoes							
Fall	2014	774	22.00	17,000	tons	200.35	3,406,000
	2013	690	14.11	9,740	tons	244.40	2,380,000
Spring	2014	3,296	22.99	75,800	tons	278.78	21,132,000
	2013	6,045	10.62	64,200	tons	229.52	14,735,000
Radishes	2014	353	19.73	6,960	tons	354.73	2,469,000
	2013	350	17.58	6,150	tons	328.59	2,021,000
Spices/Herbs	2014	1,162	7.26	8,440	tons	1,239.55	10,462,000
	2013	1,050	6.51	6,840	tons	1,008.82	6,900,000
Spinach	2014	1,432	7.35	10,500	tons	1,154.12	12,118,000
	2013	1,355	12.44	16,900	tons	838.03	14,163,000
Squash, All	2014	404	10.49	4,240	tons	692.43	2,936,000
	2013	387	10.67	4,130	tons	615.26	2,541,000
Strawberries	2014	657	22.12	14,500	tons	1,908.42	27,672,000
	2013	592	21.70	12,800	tons	2,158.07	27,623,000
Tomatoes	2014	262	19.01	4,980	tons	801.76	3,993,000
	2013	286	19.88	5,690	tons	923.69	5,256,000
TOTAL	2014	38,204					337,404,000
	2013	41,939					340,407,000

** Includes: Amaranth, Arugula, Beets, Blueberries, Chinese Broccoli, Chinese Cabbage, Chives, Cilantro, Fennel, Garlic, Leeks, Butter Lettuce, Mint, Mushroom, Mustard, Okra, Parsley, Radishes, Snow Peas, Chili Peppers, Pumpkins, Strawberry.



FIELD AND SEED CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Cotton							
Short Staple	2014	9,040	1.09	9,850	tons	1,477.00	14,548,000
	2013	15,031	1.16	17,400	tons	1,508.82	26,253,000
Seed	2014		1.55	14,000	tons	258.00	3,612,000
	2013		1.76	26,500	tons	260.00	6,890,000
Grain							
Barley	2014	410	1.65	677	tons	525.00	355,000
	2013	503	1.71	860	tons	123.45	106,000
Oats	2014	2,050	0.58	1,190	tons	241.00	287,000
	2013	2,398	0.58	1,390	tons	238.00	331,000
Wheat	2014	10,615	2.37	25,200	tons	272.64	6,871,000
	2013	10,128	2.59	26,200	tons	290.83	7,620,000
Hay							
Alfalfa	2014	57,692	8.07	466,000	tons	232.61	108,396,000
	2013	55,948	8.56	479,000	tons	191.59	91,772,000
Bermuda Grass	2014	1,646	8.30	13,700	tons	198.73	2,723,000
	2013	1,991	8.45	16,800	tons	167.00	2,806,000
Klein Grass	2014	2,121	9.25	19,600	tons	198.73	3,895,000
	2013	2,327	9.70	22,600	tons	191.00	4,317,000
Oats	2014	1,289	1.63	2,100	tons	199.50	419,000
	2013	1,731	1.96	3,390	tons	161.31	547,000
Sudan	2014	1,981	5.43	10,800	tons	188.65	2,037,000
	2013	1,551	5.44	8,440	tons	176.03	1,486,000
Miscellaneous*	2014	527	1.41	740	tons	44.55	33,000
	2013	1,432	1.63	2,330		50.96	119,000

* Includes: Grain - Barley, Hay - Teff Grass, Safflower. * Includes: Grain - Barley, Hay - Teff Grass, Safflower.

FIELD AND SEED CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Pasture-Irrigated	2014	2,474			acres	137.30	340,000
	2013	3,153			acres	129.85	409,000
Rangeland	2014	10,000			acres	2.00	20,000
	2013	15,000			acres	2.00	30,000
Silage and Green Chop							
Alfalfa	2014	2,871	15.72	45,100	tons	64.33	2,901,000
	2013	3,257	15.00	48,900	tons	56.90	2,782,000
Corn	2014	2,388	31.15	74,400	tons	51.52	3,833,000
	2013	1,753	37.87	66,400	tons	59.41	3,945,000
Oats	2014	805	8.00	6,440	tons	78.00	502,000
	2013	855	8.00	6,840	tons	60.00	410,000
Sorghum	2014	1,148	15.00	17,200	tons	60.19	1,035,000
	2013	1,681	15.00	25,200	tons	45.00	1,134,000
Rye Grass	2014	1,532	23.00	35,200	tons	54.24	1,909,000
	2013	1,590	23.00	36,600	tons	23.00	842,000
Triticale	2014	1,935	2.98	5,770	tons	204.05	1,177,000
	2013	2,255	2.98	6,720	tons	178.86	1,202,000
Wheat	2014	5,200	5.50	28,600	tons	61.16	1,749,000
	2013	5,250	5.50	28,900	tons	53.00	1,532,000
TOTAL	2014	115,727					156,575,000
	2013	127,914					154,582,000

* Includes: Grain - Barley, Hay - Teff Grass, Safflower.



LIVESTOCK AND POULTRY

	Number Year	Total of Head	Liveweight	Value		Total
				Per Unit	Unit	
Cattle and Calves	2014	21,900	128,000	cwt	139.83	17,898,000
	2013	23,700	139,000	cwt	118.50	16,472,000
Sheep and Lambs	2014	8,870	11,531	cwt	142.56	1,644,000
	2013	9,010	11,700	cwt	124.60	1,458,000
Other*	2014			various		1,100,000
	2013			various		1,247,000
TOTAL	2014					20,642,000
	2013					19,177,000

* Includes Baby Chicks, Chickens, Ducks, Pheasants.

LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Value		Total
					Unit	
Eggs	2014	56,570,000	dozen		1.08	61,096,000
	2013	75,427,000	dozen		0.89	67,130,000
Milk*	2014	9,510,000	cwt		21.86	207,889,000
	2013	9,455,000	cwt		18.22	172,270,000
Other Products**	2014					1,119,000
	2013					1,106,000
TOTAL	2014					270,104,000
	2013					240,506,000

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

**Includes Wool, Manure.

AQUACULTURE

Year	Production	Unit	Value		
			Per Unit	Total	
Catfish	2014	321,000	lbs	2.50	803,000
	2013	287,000	lbs	2.50	718,000
Miscellaneous*	2014		various		370,000
	2013		various		391,000
Tilapia	2014	1,420,000	lbs	2.75	3,905,000
	2013	1,310,000	lbs	0.88	1,153,000
Total	2014				5,078,000
	2013				2,262,000

* Includes Goldfish, Koi, Tropical Fish, Bass.

NURSERY STOCK PRODUCTION

Ornamental Nursery Stock	2014	5,025	50,210,000	various	142,997,000
	2013	5,383	47,432,000	various	167,876,000
Cut Flowers* / Cut Greens	2014	127	2,154,000	cuttings	1,369,000
	2013	206	2,815,000	cuttings	2,164,000
Christmas Trees (cut)	2014	75	4,130	each	323,000
	2013	75	4,110	each	312,000
Turf	2014	2,373	107,639,000	square feet	24,999,000
	2013	1,961	81,208,000	square feet	16,151,000
Farm Planting Stock	2014	76	150,000	various	3,222,000
	2013	76	150,000	various	4,712,000
TOTAL	2014	7,676			172,910,000
	2013	7,701			191,215,000



APICULTURE

	Year	Production	Value		Total
			Per Unit	Unit	
Honey	2014	695,000	lbs	2.20	1,529,000
	2013	780,000	lbs	1.98	1,544,000
Beeswax	2014	12,800	lbs	2.60	33,300
	2013	14,900	lbs	2.52	37,500
Fees Collected for Pollination	2014	23,100	colonies	141.00	3,257,000
	2013	22,700	colonies	138.00	3,133,000
Total Colonies	2014	33,750			
	2013	33,750			
TOTAL	2014				4,819,000
	2013				4,715,000

DISTRICT VALUATIONS - AGRICULTURAL CROPS

District	2010	2011	2012	2013	2014
Riverside/Corona	79,207,000	121,652,000	111,308,000	110,078,000	96,205,000
San Jacinto/Temecula Valley	137,757,000	156,362,000	157,747,000	165,035,000	175,767,000
Coachella Valley	533,846,000	526,338,000	543,658,000	615,621,000	625,602,000
Palo Verde Valley	98,597,000	171,179,000	155,320,000	167,701,000	171,013,000
Total Crop Valuation	849,407,000	975,531,000	968,033,000	1,058,435,000	1,068,587,000

ACREAGE STATISTICS

Crop	2010	2011	2012	2013	2014
Citrus	17,105	16,808	17,498	15,729	16,384
Tree and Vine	27,745	28,401	26,662	26,826	26,259
Vegetable, Melons, Misc.	38,570	37,692	40,808	41,939	38,204
Field and Seed	117,743	119,703	131,160	127,914	115,727
Nursery	8,750	7,106	6,661	7,701	7,676
Total Planted Acreage	209,913	209,710	222,789	220,109	204,250

TOTAL VALUATION - F.O.B.


Crop	2010	2011	2012	2013	2014
Citrus	140,500,922	119,942,513	125,711,000	142,404,000	170,891,000
Tree and Vine	164,993,960	232,649,262	217,214,000	232,536,000	223,593,000
Vegetable, Melons, Misc.	292,002,337	278,628,295	286,234,000	340,407,000	337,404,000
Field and Seed	81,328,229	149,198,052	147,352,000	154,582,000	156,575,000
Nursery	169,341,300	200,154,964	190,878,000	191,215,000	172,910,000
Apiculture	4,631,700	4,844,400	4,983,000	4,715,000	4,819,000
Aquaculture	4,921,700	4,808,250	4,205,000	2,262,000	5,078,000
Total Crop	857,720,148	990,225,736	976,577,000	1,068,121,000	1,071,270,000
Livestock and Poultry	235,926,225	292,030,380	276,553,000	259,683,000	290,746,000
GRAND TOTAL	1,093,646,373	1,282,256,116	1,253,130,000	1,327,804,000	1,362,016,000



CALIFORNIA'S LEADING AGRICULTURAL COUNTIES BY TOTAL VALUE OF PRODUCTION

<u>2012</u>			<u>2013</u>		
<u>Rank</u>	<u>County</u>	<u>Value (\$)</u>	<u>Rank</u>	<u>County</u>	<u>Value (\$)</u>
1	Fresno	6,586,523,000	1	Tulare	7,346,607,000
2	Kern	6,211,987,000	2	Kern	6,769,668,000
3	Tulare	6,210,479,000	3	Fresno	6,436,974,000
4	Monterey	4,137,860,000	4	Monterey	4,379,723,000
5	Merced	3,280,201,000	5	Merced	3,799,070,000
6	Stanislaus	3,277,843,000	6	Stanislaus	3,663,000,000
7	San Joaquin	2,881,441,000	7	San Joaquin	2,976,997,000
8	Kings	2,215,014,000	8	Kings	2,267,178,000
9	Ventura	1,960,741,000	9	Imperial	2,158,517,000
10	Imperial	1,945,759,000	10	Ventura	2,076,703,000
11	San Diego	1,747,061,000	11	Madera	1,896,085,000
12	Madera	1,739,186,000	12	San Diego	1,850,298,000
13	Santa Barbara	1,291,009,000	13	Santa Barbara	1,436,649,000
14	Riverside	1,253,130,000	14	Riverside	1,327,804,000

RIVERSIDE COUNTY AGRICULTURAL PRODUCTION VALUES 2005 - 2014

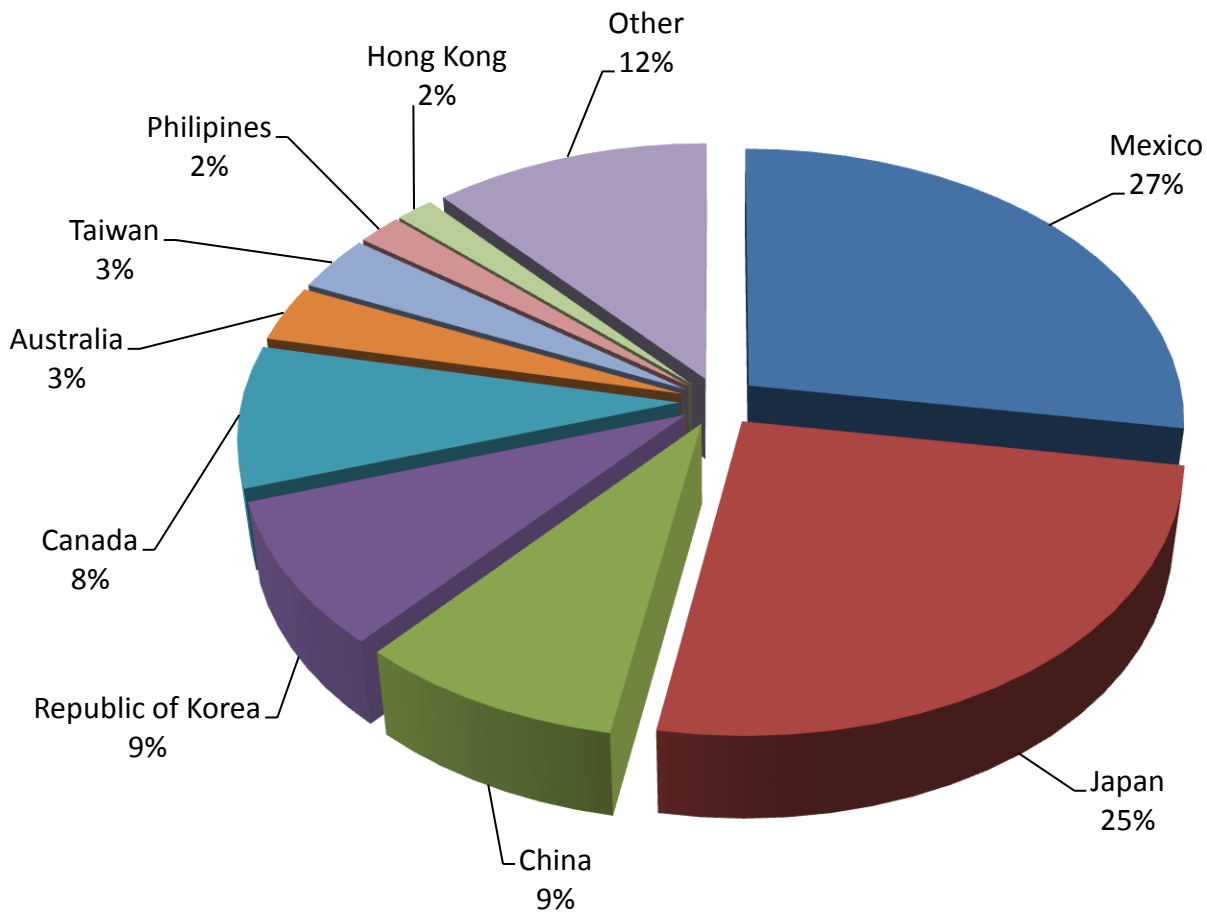
<u>YEAR</u>	<u>VALUE</u>	<u>STATE RANK</u>
2005	\$1,168,671,000	12
2006	\$1,102,438,000	12
2007	\$1,265,063,000	12
2008	\$1,268,590,000	12
2009	\$1,015,755,000	13
2010	\$1,093,646,000	13
2011	\$1,282,256,000	14
2012	\$1,253,130,000	13
2013	\$1,327,804,000	14
2014	\$1,362,016,000	

PHYTOSANITARY EXPORT CERTIFICATION - 2014

All Export Countries

Australia	Denmark	Italy	Philippines
Austria	Dominican Republic	Jamaica	Singapore
Bahamas	El Salvador	Japan	South Africa
Bangladesh	Fiji	Republic of Korea	Spain
Belize	France	Lebanon	Suriname
Bermuda	French Polynesia	Malaysia	Switzerland
Brazil	Germany	Mexico	Taiwan
Canada	Grenada	Morocco	Thailand
Cayman Islands	Guatemala	Nambia	Trinidad and Tobago
Chile	Honduras	Netherlands	Turkey
China	Hong Kong	New Caledonia	Uganda
Colombia	India	New Zealand	United Arab Emirates
Costa Rica	Indonesia	Panama	United Kingdom
Curacao	Israel	Peru	Viet Nam

Top Ten Export Countries



Note: This list only represents countries that specifically require "pest cleanliness" certification services.

PHYTOSANITARY EXPORT CERTIFICATION - 2014

All Export Commodities

Alfalfa	Chives	Kumquat	Raisin
Almond	Cilantro	Lemon	Rosemary
Apple	Corn	Lettuce	Sage
Artichoke	Cotton	Lime	Savory
Asparagus	Date Palm	Mandarin/Tangerine	Spinach
Avocado	Dates	Mango	Sudan Grass
Basil	Dill	Melon	Sunflower
Bell Peppers	Douglas Fir	Mint	Tangelo
Bermuda Grass	Eggplant	Orange	Thyme
Broccoli	Endive	Oregano	Tomato
Brussels Sprouts	Fennel	Ornamental Nursery Stock	Walnut
Cantaloupe	Grape	Pepper	Watermelon
Cauliflower	Grapefruit	Pomegranate	Wheat
Celery	Kale	Potato	White Fir
Cherry	Klein Grass	Pumpkin	Wood

Note: This list only represents commodities exported to countries that specifically require "pest cleanliness" certification services.



PEST INTERCEPTIONS - 2014

<u>Scientific Name</u>	<u>Common Name</u>	<u>Pest Rating</u>	<u>Interceptions</u>
<i>Solenopsis invicta</i>	Red Imported Fire Ant	A	19
<i>Coccus viridis</i>	Green Scale	A	2
<i>Lopholeucaspis cockerelli</i>	Cockerell Scale	A	2
<i>Pseudaulacaspis cockerelli</i>	Magnolia White Scale	A	1
<i>Aspidiotus destructor</i>	Cocunut Scale	A	1
<i>Lepidosaphes beckii</i>	Purple Scale	B	3
<i>Aonideilla aurantii</i>	California Red Scale	B	3
<i>Pulvinaria psidii</i>	Green Shield Scale	B	2
<i>Bradybaena similaris</i>	Snail	B	1
<i>Bagrada hilaris</i>	Bagrada Bug	B	1
<i>Nipaecoccus sp.</i>	Mealybug	Q	5
<i>Phenacoccus peruvianus</i>	Mealybug	Q	2
<i>Ferriasia sp.</i>	Mealybug	Q	1
<i>Leidyula floridana</i>	Slug	Q	1
<i>Paracoccus sp.</i>	Mealybug	Q	1
<i>Planococcus sp.</i>	Mealybug	Q	1

PEST INTERCEPTIONS - 2014

Pest Rating Designations

"A" is an organism of known economic importance subject to state(or County Agricultural Commissioner) enforcement action.

"B" is an organism of known economic importance subject to enforcement action at the discretion of the County Agricultural Commissioner.

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



PEST INTERCEPTION SUMMARY 2010 - 2014

<u>Year</u>	<u>Total</u>	<u>A</u>	<u>B</u>	<u>Q</u>
2014	58	37	10	11
2013	38	19	8	11
2012	84	24	16	44
2011	92	36	12	44
2010	38	4	11	23

SUSTAINABLE AGRICULTURE - 2014

ORGANIC FARMING

188 Organic producers registered in Riverside County

PEST DETECTION (Commercial and Urban)

<u>Activity</u>	<u>Hours</u>
Commercial Crops	1,791
Public Contact	99
Special Surveys:	

Red Imported Fire Ant	3
Other	350

Citrus Tristeza Indexing (Coachella Valley)	<u>Numbers</u>
Commercial	

Properties tested	3
Acres Sampled	38
Samples tested biochemically	198
"Positive" samples	0

PEST DETECTION (Exotic Insects)

<u>Pest</u>	<u>Trap Servicing</u>
European Grape Vine Moth	7,331
Light Brown Apple Moth	251
European Corn Borer	280
Pink Hibiscus Mealybug	24
Khapra Beetle	1,029
Gypsy Moth	51

Pest Exclusion (Incoming plant shipments)

<u>Units Profiled</u>	<u>Units inspected</u>	<u>Rejections</u>
9,781	2,589	55

PEST ABATEMENT / HOLD NOTICES

<u>Pest</u>	<u>Properties</u>
California Red Scale	24
Asian Citrus Psyllid	0
Sting Nematode	0
Citrus Tristeza Virus	0
Glassy-Winged Sharpshooter	0
Giant Palm Borer	2

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>Eucaris 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	<i>Encarsia sp.</i> (wasp)
Scale	<i>Cryptochaetum icyae</i> (fly)
Eucalyptus	<i>Aventianella longoi</i> (wasp)
Long-horned Borer	<i>Jarra phoracantha</i> (wasp)
	<i>Syngaster lepidus</i> (wasp)
Mosquitoes	<i>Bacillus thur. iraelensis</i> (baterium)
	<i>Gamusia affinis</i> (fish)
Olive Fruit Fly	<i>Psytalia concolor</i> (wasp)
Persea Mite	<i>Galendromus annectens</i> (mite)
	<i>Galendromus helveolus</i> (mite)
	<i>Galendromus pilosus</i> (mite)
Red Gum Lerp	<i>Plyllaephagus bliteus</i> (wasp)
Psyllid	
Red Imported Fire Ant	<i>Beauveria bassiana</i> (fungus)
	<i>Pseudacteon tricusps</i> (fly)
Two Spotted	<i>Phytoseiulus persimilis</i> (mite)
Spider Mite	<i>Galendromus occidentalis</i> (mite)
Vine Mealybug	<i>Cryptolaemus montrouzieri</i> (beetle)
Western Grapeleaf	<i>Ametadoria harrisinae</i> (parasitoid)
Skeletonizer	<i>Apanteles harrisinae</i> (wasp)
Woolly Whitefly	<i>Amitus spiniferus</i> (parasitoid)
	<i>Cales noacki</i> (parasitoid)
Brown Garden	<i>Rumina decollate</i> (snail)
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.

RIVERSIDE COUNTY AGRICULTURAL COMMISSIONER'S OFFICE



DECEMBER 2014

Riverside County
Agricultural Commissioner's Office
P.O. Box 1089
Riverside, CA 92502-1089



RIVERSIDE COUNTY AGRICULTURE



GROWING FOR OUR FUTURE