

RIVERSIDE COUNTY

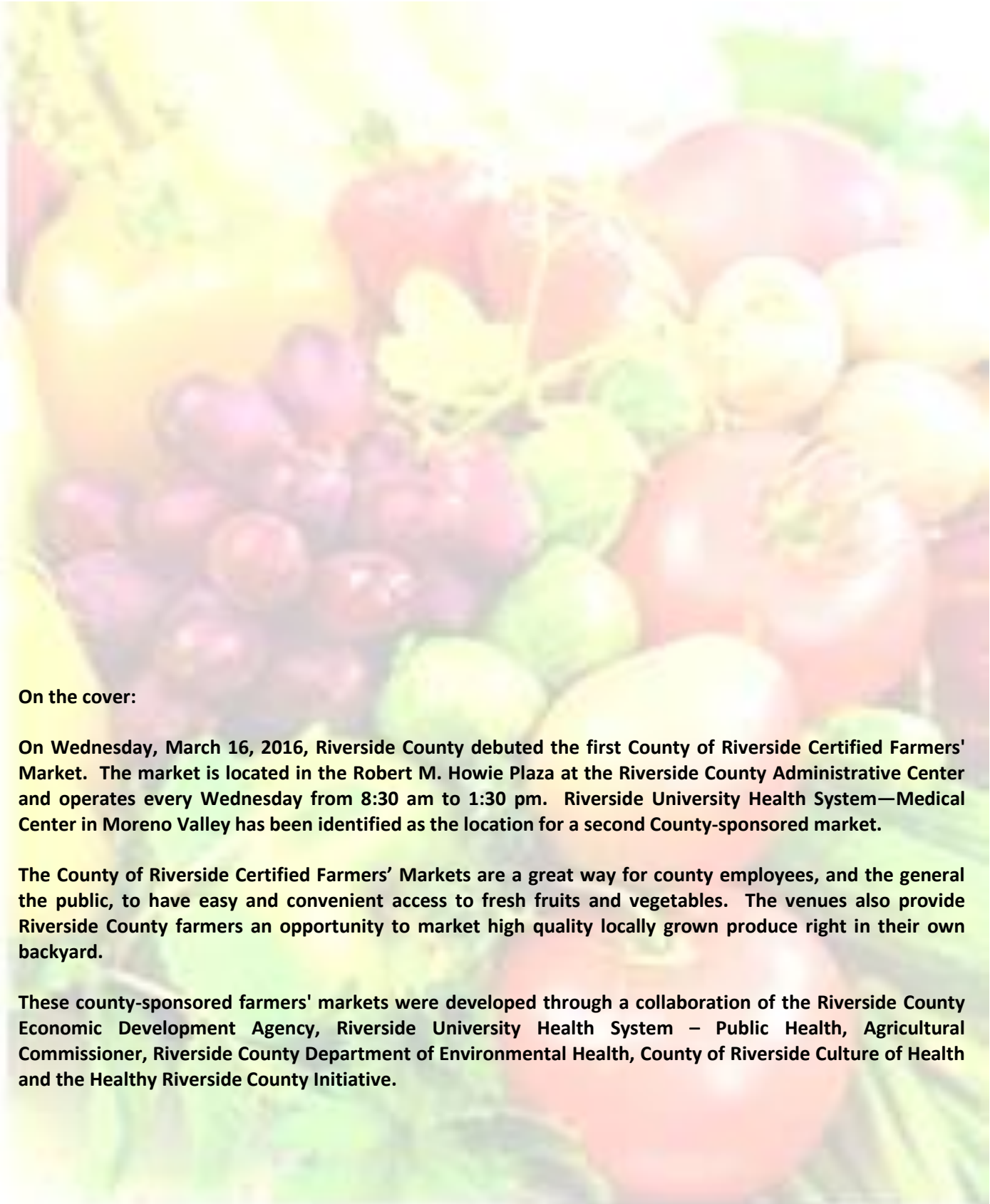
AGRICULTURAL PRODUCTION REPORT



2015

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On the cover:

On Wednesday, March 16, 2016, Riverside County debuted the first County of Riverside Certified Farmers' Market. The market is located in the Robert M. Howie Plaza at the Riverside County Administrative Center and operates every Wednesday from 8:30 am to 1:30 pm. Riverside University Health System—Medical Center in Moreno Valley has been identified as the location for a second County-sponsored market.

The County of Riverside Certified Farmers' Markets are a great way for county employees, and the general the public, to have easy and convenient access to fresh fruits and vegetables. The venues also provide Riverside County farmers an opportunity to market high quality locally grown produce right in their own backyard.

These county-sponsored farmers' markets were developed through a collaboration of the Riverside County Economic Development Agency, Riverside University Health System – Public Health, Agricultural Commissioner, Riverside County Department of Environmental Health, County of Riverside Culture of Health and the Healthy Riverside County Initiative.

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It is with great pleasure that I present the 2015 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 valuation of Riverside County's agricultural commodities.

This year's report represents a total gross value of **\$1,301,551,000**. Although a decrease of \$60.5 million (4.4%) from the prior year's all-time record, 2015 boasts the third highest valuation in Riverside County history. Our major commodity groups experienced some slight ups and downs in 2015. Citrus, for example, was up 9.8% while Nursery production, on the other hand, fell nearly 9.0%. The Field and Seed commodity group experienced the largest dip (21.6%) due largely to shifting planting priorities in the Palo Verde Valley.

Based on historical models, Riverside County's 2015 agricultural production contributed nearly four billion dollars to the regional economy when indirect and induced economic impacts are considered.

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 2015 report includes more than 120 different commodities, forty-nine of which have a gross value in excess of \$1,000,000. Despite the multitude of challenges faced by agriculturalists in 2015, Riverside County exported high-quality food and fiber to 60 countries worldwide.

Crop values vary from year to year based on production, market fluctuations and weather. 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.

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.

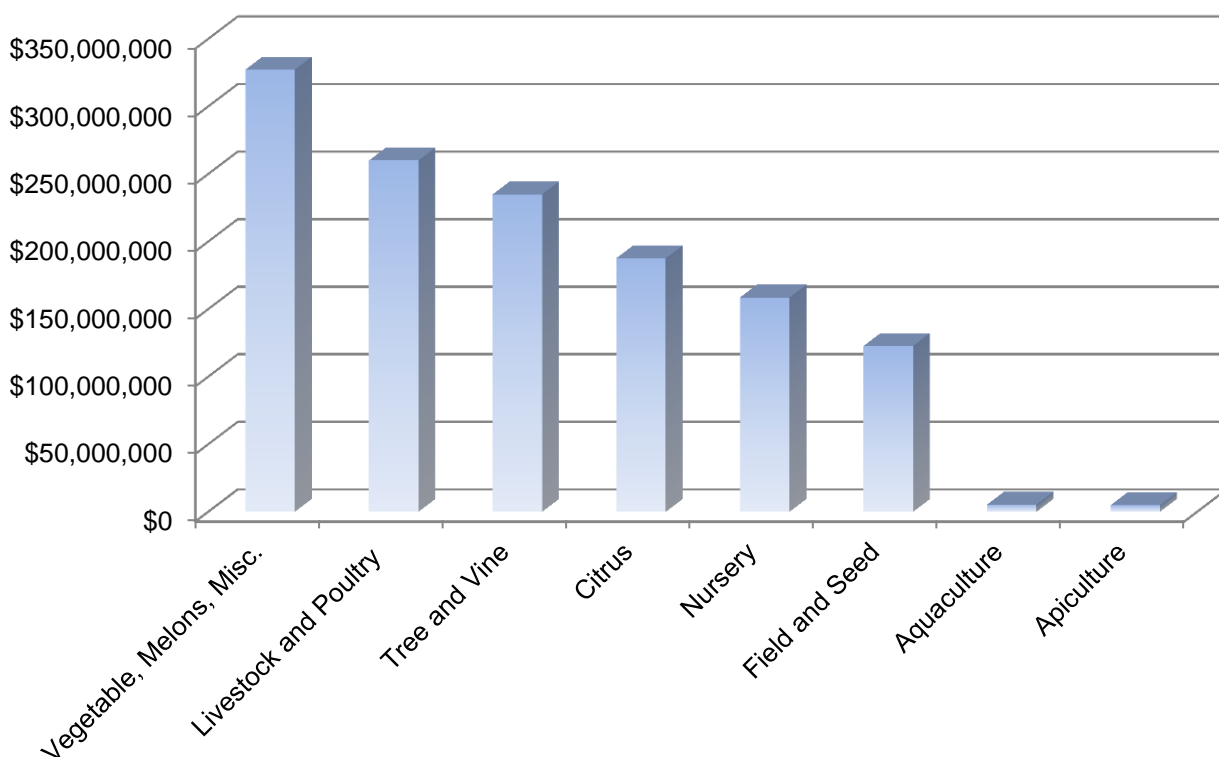
Respectfully submitted,

John Snyder
Agricultural Commissioner
Sealer of Weights and Measures

FIVE YEAR COMPARISON

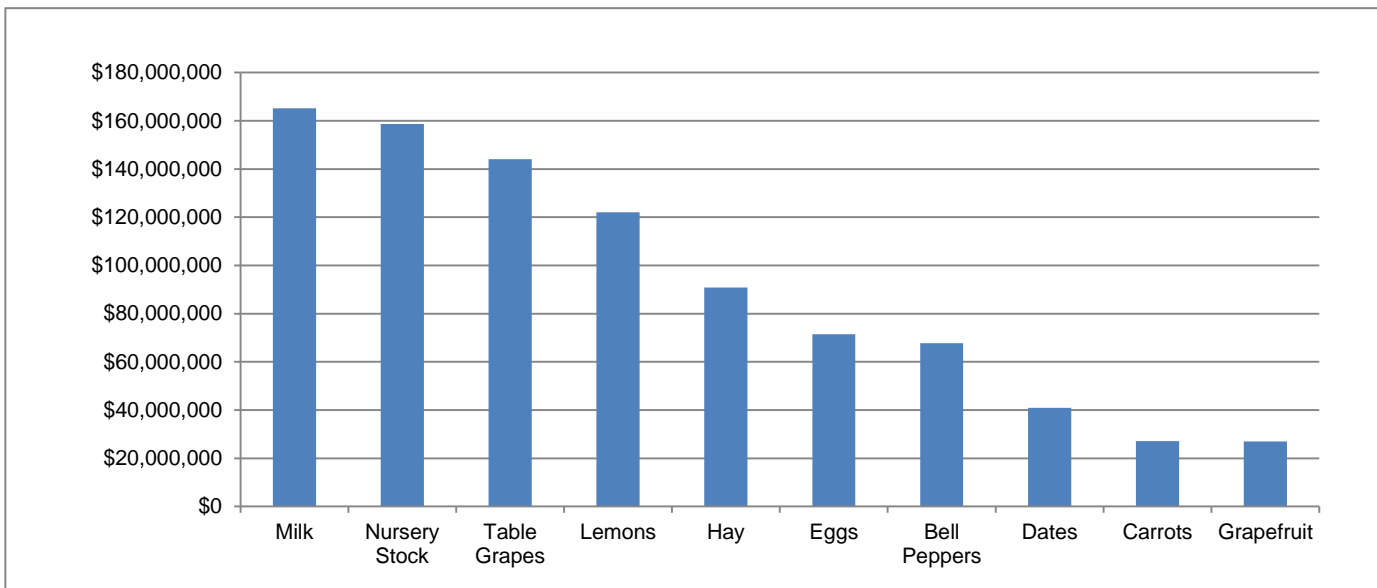
Commodity Group	2011	2012	2013	2014	2015
Citrus	\$119,942,513	\$125,711,000	\$142,404,000	\$170,891,000	\$187,673,000
Tree and Vine	\$232,649,262	\$217,214,000	\$232,536,000	\$223,593,000	\$234,928,000
Vegetable, Melons, Misc.	\$278,628,295	\$286,234,000	\$340,407,000	\$337,404,000	\$327,199,000
Field and Seed	\$149,198,052	\$147,352,000	\$154,582,000	\$156,575,000	\$122,794,000
Nursery	\$200,154,964	\$190,878,000	\$191,215,000	\$172,910,000	\$158,648,000
Apiculture	\$4,844,400	\$4,983,000	\$4,715,000	\$4,819,000	\$4,897,000
Aquaculture	\$4,808,250	\$4,205,000	\$2,262,000	\$5,078,000	\$5,397,000
Livestock and Poultry	\$292,030,380	\$276,553,000	\$259,683,000	\$290,746,000	\$260,015,000
GRAND TOTAL	\$1,282,256,116	\$1,253,130,000	\$1,327,804,000	\$1,362,016,000	\$1,301,551,000

2015 COMMODITY GROUP VALUES



TEN LEADING CROPS FOR 2015

Rank	Crop	Value
1st	Milk	\$165,124,000
2nd	Nursery Stock	158,648,000
3rd	Table Grapes	143,988,000
4th	Lemons	121,972,000
5th	Hay	90,795,000
6th	Eggs	71,413,000
7th	Bell Peppers	67,726,000
8th	Dates	40,981,000
9th	Carrots	27,125,000
10th	Grapefruit	26,954,000



OTHER MILLION DOLLAR CROPS

Crop	Value	Crop	Value	Crop	Value
Avocados	25,549,000	Artichokes	9,608,000	Lettuce - Head	4,326,000
Oriental Vegetables	19,866,000	Oranges	9,241,000	Talapia	3,960,000
Romaine Lettuce	19,028,000	Spinach	9,239,000	Eggplant	3,902,000
Cattle / Calves	18,952,000	Cotton	8,976,000	Squash	3,872,000
Mandarins / Tangerines	18,779,000	Corn - Sweet	8,771,000	Tomatoes	3,532,000
Broccoli	15,668,000	Cauliflower	8,500,000	Pollination	3,480,000
Watermelon	15,056,000	Silage	8,445,000	Mixed Melons	3,466,000
Spices / Herbs	14,892,000	Celery	7,434,000	Okra	3,280,000
Potatoes	14,657,000	Lettuce - Leaf	7,298,000	Radishes	1,989,000
Wheat - Grain	13,806,000	Honeydew Melons	6,061,000	Peaches	1,729,000
Wine Grapes	13,639,000	Cantaloupes	5,613,000	Sheep / Lambs	1,592,000
Strawberries	13,257,000	Tangelos	5,268,000	Honey	1,382,000
Green Beans	11,378,000	Garlic	5,148,000	Dry Onions	1,141,000

PRODUCTION VALUATION CHANGES 2014 TO 2015

<u>Crop</u>	<u>2015</u>	<u>2014</u>	<u>Value Change (\$)</u>	<u>Percentage Change</u>
Citrus	187,673,000	170,891,000	16,782,000	9.8%
Tree and Vine	234,928,000	223,593,000	11,335,000	5.1%
Vegetables	327,199,000	337,404,000	(10,205,000)	-3.0%
Field and Seed	122,794,000	156,575,000	(33,781,000)	-21.6%
Nursery	158,648,000	172,910,000	(14,262,000)	-8.2%
Apiculture	4,897,000	4,819,000	78,000	1.6%
Aquaculture	5,397,000	5,078,000	319,000	6.3%
All Agriculture	1,041,536,000	1,071,270,000	(29,734,000)	-2.8%
Livestock and Poultry	260,015,000	290,746,000	(30,731,000)	-10.6%
Grand Total	1,301,551,000	1,362,016,000	(60,465,000)	-4.4%



CITRUS CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
Grapefruit-Red	2015	1,336	1,336	14.49	19,400	tons	477.92	9,272,000
By-Products	2015			2.65	3,540	tons	59.72	211,000
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-Ruby	2015	3,003	3,003	14.81	44,500	tons	361.36	16,081,000
By-Products	2015			2.51	7,540	tons	61.94	467,000
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-Other	2015	135	135	14.19	1,920	tons	475.14	912,000
By-Products	2015			2.14	289	tons	38.72	11,200
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
Lemons	2015	6,442	6,442	15.81	101,800	tons	1,184.25	120,557,000
By-Products	2015			2.39	15,400	tons	91.87	1,415,000
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
Miscellaneous*	2015	471	471	8.86	4,170	tons	1,309.18	5,459,000
Miscellaneous*	2014	333	333	9.01	3,000	tons	961.13	2,883,000
Oranges-Navel	2015	1,470	1,470	11.68	17,200	tons	333.30	5,733,000
By-Products	2015			4.86	7,140	tons	46.87	335,000
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-Valencia	2015	1,205	1,205	9.29	11,200	tons	263.63	2,953,000
By-Products	2015			2.58	3,110	tons	70.89	220,000
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
Mandarins / Tangerines	2015	1,616	1,616	7.51	12,100	tons	1,531.73	18,534,000
By-Products	2015			1.31	2,120	tons	115.36	245,000
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
Tangelos	2015	784	784	7.13	5,590	tons	916.02	5,121,000
By-Products	2015			1.75	1,370	tons	107.25	147,000
Tangelos	2014	482	482	6.81	3,280	tons	869.74	2,853,000
By-Products	2014			2.50	1,205	tons	106.12	128,000
TOTAL	2015	16,462	16,462					187,673,000
	2014	16,348	16,201					170,891,000

* Includes: Kumquats, Limes, Blood Oranges.

TREE AND VINE CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
Apples	2015	20	20	2.84	57	tons	1,516.50	86,400
	2014	11	11	3.26	36	tons	1,033.71	37,200
Apricots	2015	17	17	2.05	35	tons	1,453.50	50,900
	2014	17	17	2.25	38	tons	907.55	34,500
Avocados	2015	4,625	4,625	2.26	10,500	tons	2,433.22	25,549,000
	2014	6,078	5,673	3.30	18,700	tons	1,889.98	35,343,000
Cherries	2015	20	20	1.01	20	tons	4,500.00	90,000
	2014	20	50	2.31	116	tons	2,509.09	291,000
Dates	2015	8,104	8,104	2.40	19,400	tons	2,100.00	40,740,000
Culls	2015			0.35	2,840	tons	85.00	241,000
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
Grapes - Table*	2015	7,026	7,026	Listed by Variety below.				143,988,000
(Total)	2014	8,168	7,761					128,272,000
Beauty Seedless	2015	43	43	6.57	283	tons	2,666.67	755,000
	2014	43	43	6.30	271	tons	2,444.44	662,000
Exotic	2015	20	20	7.02	140	tons	2,111.11	296,000
	2014	30	30	6.84	205	tons	2,111.11	433,000
Flame Seedless	2015	3,434	3,434	9.72	33,400	tons	2,220.22	74,155,000
	2014	3,765	3,460	9.58	33,100	tons	2,033.33	67,303,000
Perlette	2015	75	75	7.56	567	tons	2,888.88	1,638,000
	2014	78	78	7.38	576	tons	2,666.67	1,536,000
Thompson Seedless	2015	70	70	6.57	460	tons	2,777.78	1,278,000
	2014	70	70	6.57	460	tons	2,666.67	1,227,000
Other Varieties	2015	3,384	3,384	6.75	22,800	tons	2,888.88	65,866,000
	2014	4,182	4,080	6.30	25,700	tons	2,222.22	57,111,000
Grapes - Wine	2015	2,630	2,630	3.82	10,000	tons	1,363.85	13,639,000
	2014	2,719	2,719	3.92	10,700	tons	1,274.32	13,635,000
Miscellaneous**	2015	697	697	7.48	5,210	tons	1,671.71	8,710,000
	2014	608	608	8.89	5,410	tons	1,499.56	8,113,000
Peaches	2015	115	115	5.53	636	tons	2,719.18	1,729,000
	2014	147	118	7.63	900	tons	1,878.05	1,690,000
Pomegranates	2015	15	15	7.00	105	tons	1,000.00	105,000
	2014	26	26	7.01	182	tons	804.00	146,000
TOTAL	2015	23,269	23,269					234,928,000
	2014	26,259	24,748					223,593,000

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

** Includes: Cherimoya, Figs, Jujube, Mangoes, Nectarines, Olives, Pears, Plums, Persimmons, Walnuts.

VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Artichokes	2015	884	8.04	7,110	tons	1,351.30	9,608,000
	2014	642	8.05	5,170	tons	1,260.82	6,518,000
Beans-Green	2015	1,223	5.40	6,600	tons	1,723.93	11,378,000
	2014	1,186	6.30	7,470	tons	1,285.71	9,604,000
Broccoli	2015	2,659	6.55	17,400	tons	900.46	15,668,000
	2014	1,967	6.71	13,200	tons	813.91	10,744,000
Cabbage	2015	58	7.50	435	tons	760.00	331,000
	2014	33	14.85	490	tons	383.28	188,000
Carrots	2015	4,570	34.00	155,000	tons	175.00	27,125,000
	2014	4,332	30.68	133,000	tons	174.21	23,170,000
Cauliflower	2015	1,134	7.29	8,270	tons	1,027.83	8,500,000
	2014	1,014	8.09	8,200	tons	999.81	8,198,000
Celery	2015	679	26.92	18,300	tons	406.25	7,434,000
	2014	809	31.63	25,600	tons	372.29	9,531,000
Corn-Sweet	2015	1,519	10.22	15,500	tons	565.85	8,771,000
	2014	1,258	9.01	11,300	tons	527.60	5,962,000
Eggplant	2015	220	18.90	4,160	tons	938.00	3,902,000
	2014	260	17.47	4,540	tons	923.16	4,191,000
Garlic	2015	788	6.10	4,810	tons	1,070.37	5,148,000
	2014			Miscellaneous			
Lettuce							
Head	2015	841	13.00	10,900	tons	396.91	4,326,000
	2014	968	13.38	13,000	tons	499.92	6,499,000
Loose Leaf	2015	879	11.41	10,000	tons	729.82	7,298,000
	2014	1,206	11.00	13,300	tons	786.47	10,460,000
Romaine	2015	2,041	12.90	26,300	tons	723.50	19,028,000
	2014	1,800	14.00	25,200	tons	600.00	15,120,000
Melons							
Cantaloupe	2015	1,047	12.66	13,300	tons	422.00	5,613,000
	2014	1,086	11.70	12,700	tons	405.00	5,144,000
Honeydew	2015	860	13.22	11,370	tons	533.10	6,061,000
	2014	766	11.75	9,000	tons	398.49	3,586,000
Mixed*	2015	638	10.83	6,900	tons	502.37	3,466,000
	2014	788	16.88	13,300	tons	322.20	4,285,000

* 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	2015	1,523	28.05	42,700	tons	352.61	15,056,000
	2014	1,469	27.43	40,300	tons	410.80	16,555,000
Miscellaneous**	2015	1,574	12.66	19,900	tons	755.55	15,035,000
	2014	1,429	13.21	18,900	tons	549.07	10,377,000
Okra	2015	791	4.15	3,280	tons	1,000.00	3,280,000
	2014	1,118	4.15	4,640	tons	1,000.00	4,640,000
Onion - Dry	2015	127	22.99	2,920	tons	390.66	1,141,000
	2014	124	38.55	4,780	tons	358.35	1,713,000
Oriental Vegetables	2015	2,627	10.13	26,600	tons	746.84	19,866,000
	2014	3,014	11.03	33,200	tons	824.83	27,384,000
Peppers							
Bell	2015	4,644	17.85	82,900	tons	816.96	67,726,000
	2014	4,595	17.41	80,000	tons	866.84	69,347,000
Potatoes							
Fall	2015	875	19.30	16,900	tons	249.77	4,221,000
	2014	774	22.00	17,000	tons	200.35	3,406,000
Spring	2015	2,146	15.71	33,700	tons	309.67	10,436,000
	2014	3,296	22.99	75,800	tons	278.78	21,132,000
Radishes	2015	249	5.83	1,450	tons	1,371.43	1,989,000
	2014	353	19.73	6,960	tons	354.73	2,469,000
Spices/Herbs	2015	1,495	7.28	10,880	tons	1,368.77	14,892,000
	2014	1,162	7.26	8,440	tons	1,239.55	10,462,000
Spinach	2015	817	8.46	6,900	tons	1,339.01	9,239,000
	2014	1,432	7.35	10,500	tons	1,154.12	12,118,000
Squash, All	2015	468	11.42	5,340	tons	725.00	3,872,000
	2014	404	10.49	4,240	tons	692.43	2,936,000
Strawberries	2015	322	22.20	7,100	tons	1,867.16	13,257,000
	2014	657	22.12	14,500	tons	1,908.42	27,672,000
Tomatoes	2015	255	19.86	5,060	tons	698.00	3,532,000
	2014	262	19.01	4,980	tons	801.76	3,993,000
TOTAL	2015	37,953					327,199,000
	2014	38,204					337,404,000

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



FIELD AND SEED CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Cotton							
Short Staple	2015	4,411	1.28	5,650	tons	1,260.00	7,119,000
	2014	9,040	1.09	9,850	tons	1,477.00	14,548,000
Seed	2015		1.67	7,400	tons	251.00	1,857,000
	2014		1.55	14,000	tons	258.00	3,612,000
Grain							
Barley	2015			Miscellaneous			
	2014	410	1.65	677	tons	525.00	355,000
Oats	2015	900	0.58	520	tons	240.23	125,000
	2014	2,050	0.58	1,190	tons	241.00	287,000
Wheat	2015	15,298	2.09	32,000	tons	431.44	13,806,000
	2014	10,615	2.37	25,200	tons	272.64	6,871,000
Hay							
Alfalfa	2015	54,918	8.42	462,000	tons	176.97	81,760,000
	2014	57,692	8.07	466,000	tons	232.61	108,396,000
Bermuda Grass	2015	2,493	8.40	20,900	tons	190.00	3,971,000
	2014	1,646	8.30	13,700	tons	198.73	2,723,000
Klein Grass	2015	1,415	9.25	13,100	tons	200.00	2,620,000
	2014	2,121	9.25	19,600	tons	198.73	3,895,000
Oats	2015	1,816	2.00	3,630	tons	200.00	726,000
	2014	1,289	1.63	2,100	tons	199.50	419,000
Sudan	2015	1,457	5.96	8,700	tons	197.49	1,718,000
	2014	1,981	5.43	10,800	tons	188.65	2,037,000
Miscellaneous*	2015	307	2.30	710	tons	386.96	275,000
	2014	527	1.41	740		44.55	33,000

* 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	2015	2,490			acres	137.47	342,000
	2014	2,474			acres	137.30	340,000
Rangeland	2015	15,000			acres	2.00	30,000
	2014	10,000			acres	2.00	20,000
Silage and Green Chop							
Alfalfa	2015	1,791	14.25	25,500	tons	57.19	1,458,000
	2014	2,871	15.72	45,100	tons	64.33	2,901,000
Corn	2015	1,302	33.94	44,200	tons	45.58	2,015,000
	2014	2,388	31.15	74,400	tons	51.52	3,833,000
Oats	2015	1,494	7.10	10,610	tons	52.50	557,000
	2014	805	8.00	6,440	tons	78.00	502,000
Sorghum	2015	958	15.00	14,400	tons	52.93	762,000
	2014	1,148	15.00	17,200	tons	60.19	1,035,000
Rye Grass	2015	1,881	8.00	15,000	tons	57.00	855,000
	2014	1,532	23.00	35,200	tons	54.24	1,909,000
Triticale	2015	1,361	2.85	3,880	tons	185.00	718,000
	2014	1,935	2.98	5,770	tons	204.05	1,177,000
Wheat	2015	5,200	8.00	41,600	tons	50.00	2,080,000
	2014	5,200	5.50	28,600	tons	61.16	1,749,000
TOTAL	2015	114,492					122,794,000
	2014	115,272					156,575,000

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



LIVESTOCK AND POULTRY

	Number Year	Total of Head	Liveweight	Value		Total
				Per Unit	Unit	
Cattle and Calves	2015	22,995	134,400	cwt	141.01	18,952,000
	2014	21,900	128,000	cwt	139.83	17,898,000
Sheep and Lambs	2015	8,430	10,951	cwt	145.41	1,592,000
	2014	8,870	11,531	cwt	142.56	1,644,000
Other*	2015			various		1,122,000
	2014			various		1,100,000
TOTAL	2015					21,666,000
	2014					20,642,000

* Includes Baby Chicks, Chickens, Ducks, Pheasants.

LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Value		Total
					Unit	
Eggs	2015	49,250,000	dozen		1.45	71,413,000
	2014	56,570,000	dozen		1.08	61,096,000
Milk*	2015	9,194,000	cwt		17.96	165,124,000
	2014	9,510,000	cwt		21.86	207,889,000
Other Products**	2015					1,812,000
	2014					1,119,000
TOTAL	2015					238,349,000
	2014					270,104,000

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

**Includes Wool, Manure.

AQUACULTURE

Year	Production	Unit	Value		
			Per Unit	Total	
Catfish	2015	288,000	lbs	2.50	720,000
	2014	321,000	lbs	2.50	803,000
Miscellaneous*	2015		various		717,200
	2014		various		370,000
Tilapia	2015	1,440,000	lbs	2.75	3,960,000
	2014	1,420,000	lbs	2.75	3,905,000
Total	2015				5,397,000
	2014				5,078,000

* Includes Goldfish, Koi, Tropical Fish, Bass.

NURSERY STOCK PRODUCTION

	Year	Acres	Value		Total
			Units	Per Unit	
Ornamental Nursery Stock	2015	4,601	51,136,000	various	137,707,000
	2014	5,025	50,210,000	various	142,997,000
Cut Flowers / Cut Greens	2015	132	2,038,000	cuttings	1,706,000
	2014	127	2,154,000	cuttings	1,369,000
Christmas Trees (cut)	2015	70	3,850	each	226,000
	2014	75	4,130	each	323,000
Turf	2015	1,516	66,037,000	square feet	15,596,000
	2014	2,373	107,639,000	square feet	24,999,000
Farm Planting Stock	2015	74	135,000	various	3,413,000
	2014	76	150,000	various	3,222,000
TOTAL	2015	6,393			158,648,000
	2014	7,676			172,910,000



APICULTURE

	Year	Production	Value		Total
			Per Unit	Unit	
Honey	2015	720,000	lbs	1.92	1,382,000
	2014	695,000	lbs	2.20	1,529,000
Beeswax	2015	13,500	lbs	2.58	34,800
	2014	12,800	lbs	2.60	33,300
Fees Collected for Pollination	2015	24,000	colonies	145.00	3,480,000
	2014	23,100	colonies	141.00	3,257,000
Total Colonies	2015	36,000			
	2014	33,750			
TOTAL	2015				4,897,000
	2014				4,819,000

DISTRICT VALUATIONS - AGRICULTURAL CROPS

District	2011	2012	2013	2014	2015
Riverside/Corona	121,652,000	111,308,000	110,078,000	96,205,000	94,139,000
San Jacinto/Temecula Valley	156,362,000	157,747,000	165,035,000	175,767,000	151,976,000
Coachella Valley	526,338,000	543,658,000	615,621,000	625,602,000	649,732,000
Palo Verde Valley	171,179,000	155,320,000	167,701,000	171,013,000	146,197,000
Total Crop Valuation	975,531,000	968,033,000	1,058,435,000	1,068,587,000	1,042,044,000

ACREAGE STATISTICS

Crop	2011	2012	2013	2014	2015
Citrus	16,808	17,498	15,729	16,384	16,462
Tree and Vine	28,401	26,662	26,826	26,259	23,269
Vegetable, Melons, Misc.	37,692	40,808	41,939	38,204	37,953
Field and Seed	119,703	131,160	127,914	115,727	114,492
Nursery	7,106	6,661	7,701	7,676	6,393
Total Planted Acreage	209,710	222,789	220,109	204,250	198,569

TOTAL VALUATION

Crop	2011	2012	2013	2014	2015
Citrus	119,942,513	125,711,000	142,404,000	170,891,000	187,673,000
Tree and Vine	232,649,262	217,214,000	232,536,000	223,593,000	234,928,000
Vegetable, Melons, Misc.	278,628,295	286,234,000	340,407,000	337,404,000	327,199,000
Field and Seed	149,198,052	147,352,000	154,582,000	156,575,000	122,794,000
Nursery	200,154,964	190,878,000	191,215,000	172,910,000	158,648,000
Apiculture	4,844,400	4,983,000	4,715,000	4,819,000	4,897,000
Aquaculture	4,808,250	4,205,000	2,262,000	5,078,000	5,397,000
Total Crop	990,225,736	976,577,000	1,068,121,000	1,071,270,000	1,041,536,000
Livestock and Poultry	292,030,380	276,553,000	259,683,000	290,746,000	260,015,000
GRAND TOTAL	1,282,256,116	1,253,130,000	1,327,804,000	1,362,016,000	1,301,551,000



CALIFORNIA'S LEADING AGRICULTURAL COUNTIES BY TOTAL VALUE OF PRODUCTION

<u>2013</u>			<u>2014</u>		
<u>Rank</u>	<u>County</u>	<u>Value (\$)</u>	<u>Rank</u>	<u>County</u>	<u>Value (\$)</u>
1	Tulare	7,346,607,000	1	Tulare	8,084,478,000
2	Kern	6,769,668,000	2	Kern	7,552,160,000
3	Fresno	6,436,974,000	3	Fresno	7,037,175,000
4	Monterey	4,379,723,000	4	Monterey	4,493,427,000
5	Merced	3,799,070,000	5	Merced	4,429,987,000
6	Stanislaus	3,663,000,000	6	Stanislaus	4,397,286,000
7	San Joaquin	2,976,997,000	7	San Joaquin	3,234,705,000
8	Kings	2,267,178,000	8	Kings	2,471,746,000
9	Imperial	2,158,517,000	9	Madera	2,265,641,000
10	Ventura	2,076,703,000	10	Ventura	2,133,589,000
11	Madera	1,896,085,000	11	Imperial	1,858,816,000
12	San Diego	1,850,298,000	12	San Diego	1,817,449,000
13	Santa Barbara	1,436,649,000	13	Santa Barbara	1,489,979,000
14	Riverside	1,327,804,000	14	Riverside	1,362,016,000

RIVERSIDE COUNTY AGRICULTURAL PRODUCTION VALUES 2006 - 2015

<u>YEAR</u>	<u>VALUE</u>	<u>STATE RANK</u>
2006	\$1,102,438,000	12
2007	\$1,265,063,000	12
2008	\$1,268,590,000	12
2009	\$1,015,755,000	12
2010	\$1,093,646,000	13
2011	\$1,282,256,000	13
2012	\$1,253,130,000	14
2013	\$1,327,804,000	13
2014	\$1,362,016,000	14
2015	\$1,301,551,000	

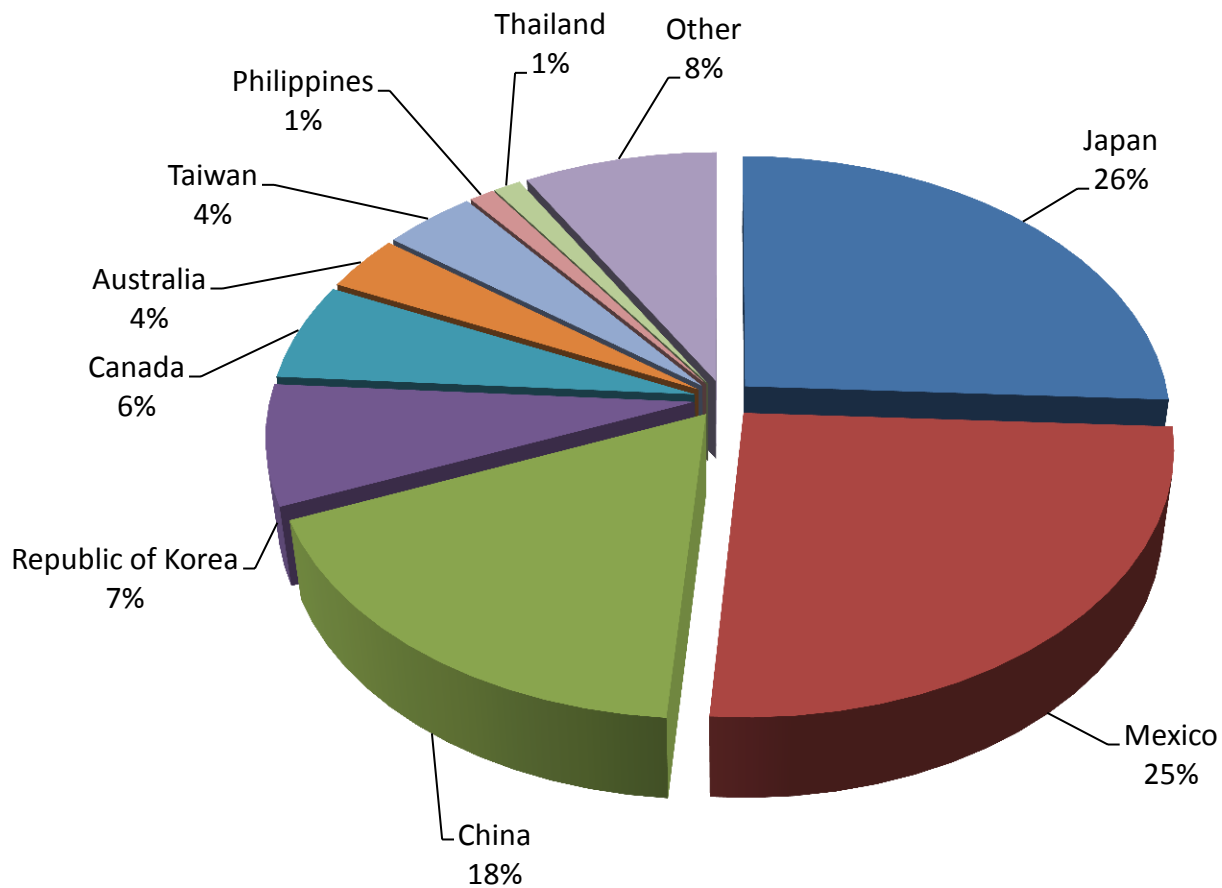


PHYTOSANITARY EXPORT CERTIFICATION - 2015

All Export Countries

Aruba	Egypt	Kuwait	Philippines
Australia	El Salvador	Lebanon	Qatar
Austria	Fiji	Malaysia	Singapore
Bahamas	France	Mexico	South Africa
Bangladesh	French Polynesia	Morocco	Spain
Belize	Germany	Myanmar	Sri Lanka
Bermuda	Guadeloupe	Netherlands	Suriname
Brazil	Guatemala	New Caledonia	Switzerland
Canada	Honduras	New Zealand	Taiwan
Chile	Hong Kong	Nicaragua	Thailand
China	Indonesia	Nigeria	Trinidad and Tobago
Colombia	Israel	Norway	Turkey
Costa Rica	Jamaica	Oman	Uganda
Dominican Republic	Japan	Panama	United Arab Emirates
Ecuador	Republic of Korea	Peru	Viet Nam

Top Ten Export Countries



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

PHYTOSANITARY EXPORT CERTIFICATION - 2015

All Export Commodities

Alfalfa	Corn	Limes	Rosemary
Apples	Cotton	Mandarin/Tangerines	Sage
Artichokes	Date Palms	Mangoes	Savory
Avocados	Dates	Mint	Sudan Grass
Basil	Dill	Oranges	Sunflowers
Bell Peppers	Douglas Fir	Oregano	Tangelos
Bermuda Grass	Grapes	Ornamental Nursery Stock	Tarragon
Broccoli	Grapefruit	Peppers	Thyme
Cauliflower	Kale	Pomegranates	Tomatoes
Celery	Klein Grass	Potatoes	Walnuts
Cherries	Lemons	Pumpkins	Watermelons
Chives	Lettuce	Raisins	White Fir
Cilantro			Wood Products

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



PEST INTERCEPTIONS - 2015

<u>Scientific Name</u>	<u>Common Name</u>	<u>Pest Rating</u>	<u>Interceptions</u>
<i>Solenopsis invicta</i>	Red Imported Fire Ant	A	30
<i>Maconellicoccus hirsutus</i>	Pink Hibiscus Mealybug	A	8
<i>Lopholeucaspis cockerelli</i>	Cockerell Scale	A	3
<i>Pseudaulacaspis cockerelli</i>	Magnolia White Scale	A	1
<i>Ceroplastes floridensis</i>	Florida Wax Scale	A	1
<i>Paropeas achatinaceum</i>	Land Snail	A	1
<i>Aspidiotus destructor</i>	Coconut Scale	A	1
<i>Homalodisca vitripennis</i>	Glassy-Winged Sharpshooter	B	2
<i>Aonideilla aurantii</i>	California Red Scale	B	1
<i>Pulvinaria urticae</i>	Urban Soft Scale	B	1
<i>Bradybaena similaris</i>	Asian Tramp Snail	B	1
<i>Fatoua villosa</i>	Crabweed	B	1
<i>Nipaecoccus sp.</i>	Mealybug	Q	2
<i>Paracoccus sp.</i>	Mealybug	Q	2
<i>Aspidiotella sacchari</i>	Armored Scale	Q	1
<i>Phenacoccus peruvianus</i>	Mealybug	Q	1
<i>Ferriasia sp.</i>	Mealybug	Q	1
<i>Milviscutulus sp.</i>	Scale	Q	1
<i>Ophelimus mastielli</i>	Gall Wasp	Q	1
<i>Bambusaspis miliaris</i>	Bamboo Pit Scale	Q	1

PEST INTERCEPTIONS - 2015

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 2011 - 2015

<u>Year</u>	<u>Total</u>	<u>A</u>	<u>B</u>	<u>Q</u>
2015	61	45	6	10
2014	58	37	10	11
2013	38	19	8	11
2012	84	24	16	44
2011	92	36	12	44

SUSTAINABLE AGRICULTURE - 2015

ORGANIC FARMING

220 Organic producers registered in Riverside County

PEST DETECTION (Commercial and Urban)

<u>Activity</u>	<u>Hours</u>
Commercial Crops	19
Public Contact	140
Special Surveys:	
Red Imported Fire Ant	3
Other	138

Citrus Tristeza Indexing (Coachella Valley)	<u>Numbers</u>
Commercial	
Properties tested	2
Acres Sampled	52
Samples tested biochemically	190
"Positive" samples	0

PEST DETECTION (Exotic Insects)

<u>Pest</u>	<u>Trap Servicing</u>
European Grape Vine Moth	7,894
Light Brown Apple Moth	185
European Corn Borer	179
Pink Hibiscus Mealybug	0
Khapra Beetle	488
Gypsy Moth	51

Pest Exclusion (Incoming plant shipments)

<u>Units Profiled</u>	<u>Units inspected</u>	<u>Rejections</u>
5,839	1,761	26

PEST ABATEMENT / HOLD NOTICES

<u>Pest</u>	<u>Properties</u>
California Red Scale	16
Asian Citrus Psyllid	0
Sting Nematode	0
Citrus Tristeza Virus	0
Glassy-Winged Sharpshooter	0
Giant Palm Borer	0

BIOLOGICAL CONTROL OF WEEDS

<u>Pest</u>	<u>Control Agent</u>
Yellow Starthistle	<i>Bangasternus orientalis</i> (weevil)
	<i>Eustenopus Villosus</i> (weevil)
Puncture Vine	<i>Microlarinus lareynii</i> (weevil)
	<i>Microlarinus lypriformis</i> (weevil)

BIOLOGICAL CONTROL OF INSECTS AND SNAILS

<u>Pest</u>	<u>Control Agent</u>
Ash Whitefly	<i>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 iceyae</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>Galenromus helveolus</i> (mite)
	<i>Galendromus pilosus</i> (mite)
Red Gum Lerp	<i>Phyllaephagus bliteus</i> (wasp)
Psyllid	
Red Imported Fire Ant	<i>Beauveria bassiana</i> (fungus)
	<i>Pseudacteon tricuspis</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)
Wooly 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 2015

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



RIVERSIDE COUNTY AGRICULTURE



GROWING FOR OUR FUTURE