

RIVERSIDE COUNTY

AGRICULTURAL PRODUCTION REPORT

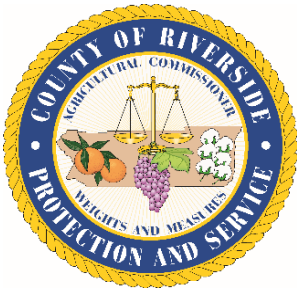
2019



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RUBEN J. ARROYO
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

RIVERSIDE COUNTY AGRICULTURAL COMMISSIONER'S OFFICE



Karen Ross, Secretary
California Department of Food and Agriculture
and

The Honorable Board of Supervisors of Riverside County
Kevin Jeffries, Chairman, District 1
Karen Spiegel, District 2
Chuck Washington, District 3
V. Manuel Perez, District 4
Jeff Hewitt, District 5

It is my privilege to submit the 2019 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 our County's agricultural commodities.

The gross value of all agricultural crops produced during 2019 in Riverside County is **\$1,321,265,000** . This total represents an increase of \$22 million (1.7%) from last year's total value. The largest increase (51.9%) was seen in field and seed production followed by nursery production (23.5%) while citrus crops saw a 28.6% drop in value.

Using historical economic values, the total agricultural contribution to Riverside County's economy is approximately \$3.9 billion.

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 and appreciation to the industry for their continued efforts in providing the vital information that enables the compilation of this report. Special recognition goes to the Agricultural Commissioner's staff for their efforts in the production of this year's report.

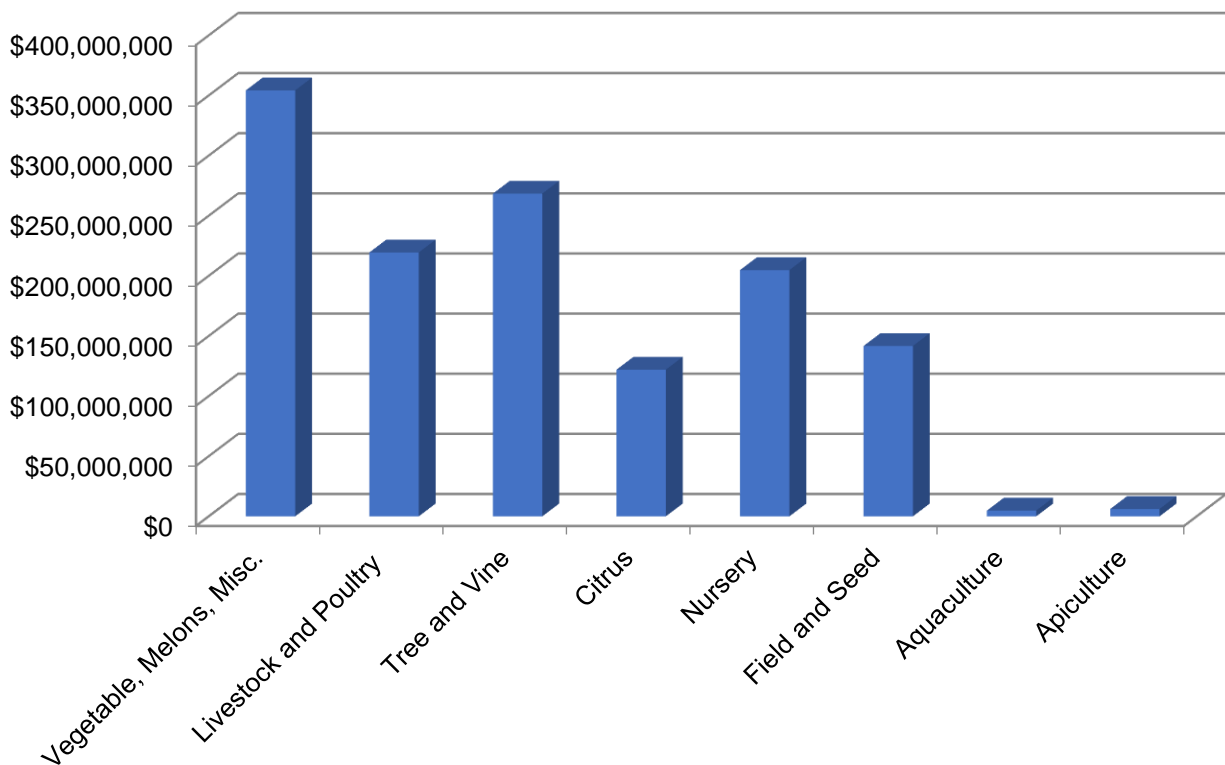
Respectfully submitted,

Ruben J. Arroyo
Agricultural Commissioner
Sealer of Weights and Measures

FIVE YEAR COMPARISON

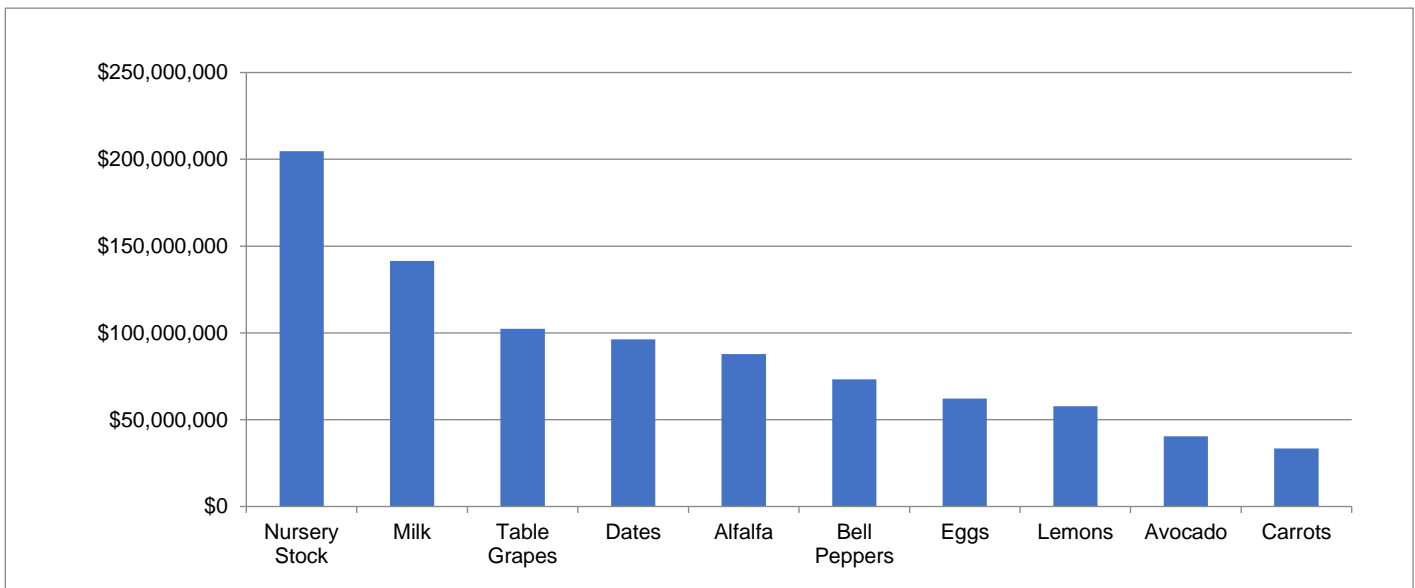
Commodity Group	2015	2016	2017	2018	2019
Citrus	\$187,673,000	\$200,101,000	\$177,055,000	\$170,775,000	\$121,934,000
Tree and Vine	\$234,928,000	\$227,444,000	\$228,315,000	\$249,150,000	\$268,368,000
Vegetable, Melons, Misc.	\$327,199,000	\$365,157,000	\$331,986,000	\$371,570,000	\$354,217,000
Field and Seed	\$122,794,000	\$97,184,000	\$99,224,000	\$93,282,000	\$141,652,000
Nursery	\$158,648,000	\$150,426,000	\$153,749,000	\$165,758,000	\$204,768,000
Apiculture	\$4,897,000	\$5,082,000	\$5,415,000	\$5,473,000	\$6,123,000
Aquaculture	\$5,397,000	\$4,624,000	\$4,764,000	\$4,732,000	\$4,776,000
Livestock and Poultry	\$260,015,000	\$225,758,000	\$221,750,000	\$238,468,000	\$219,427,000
GRAND TOTAL	\$1,301,551,000	\$1,275,776,000	\$1,222,258,000	\$1,299,208,000	\$1,321,265,000

2019 COMMODITY GROUP VALUES



TEN LEADING CROPS FOR 2019

Rank	Crop	Value
1st	Nursery Stock	\$204,768,000
2nd	Milk	141,524,000
3rd	Table Grapes	102,286,799
4th	Dates	96,249,158
5th	Alfalfa	87,723,000
6th	Bell Peppers	73,206,000
7th	Eggs	62,094,000
8th	Lemons	57,845,989
9th	Avocado	40,339,000
10th	Carrots	33,462,000

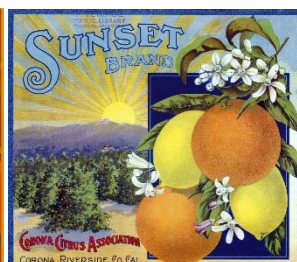
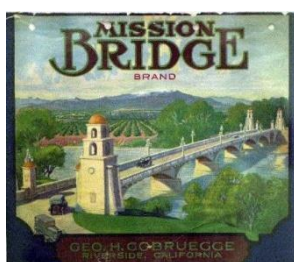
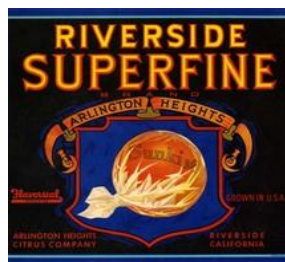


OTHER MILLION DOLLAR COMMODITIES

Crop	Value	Crop	Value	Crop	Value
Lettuce - Head	31,934,033	Mixed Melons	11,123,000	Talapia	3,850,000
Turf Grass	27,259,568	Artichokes	10,443,000	Cabbage	3,397,540
Grapefruit	25,497,893	Bermuda Grass	9,180,000	Watermelon	3,174,890
Mandarins/tangerines	24,242,317	Corn - Sweet	8,979,000	Wheat - Grain	3,067,000
Broccoli	22,157,085	Alfalfa - Silage	8,238,000	Tomatoes	2,623,000
Spinach	18,711,000	Celery	7,939,000	Honeydew Melon	2,570,000
Oriental Vegetables	17,549,606	Spices/Herbs	6,312,203	Oats	2,379,780
Wine Grapes	16,524,000	Potatoes	6,258,000	Squash	2,208,000
Romaine Lettuce	15,732,000	Okra	6,074,000	Corn - silage	2,130,000
Onions - Dry	13,188,000	Cantaloupe	5,817,500	Rye Grass	1,827,000
Oranges	13,083,260	Industrial Hemp	5,400,000	Sheep and lamb	1,411,000
Cotton	13,021,954	Pollination	4,845,000	Honey	1,242,000
Cauliflower	12,584,000	Cotton Seed	4,694,000	Sudan Grass	1,092,000
Beans - Green	11,703,000	Eggplant	4,421,000	Tangelos	1,058,114
Cattle / Calves	11,500,000				

PRODUCTION VALUATION CHANGES 2018 TO 2019

<u>Crop</u>	<u>2019</u>	<u>2018</u>	<u>Value Change (\$)</u>	<u>Percentage Change</u>
Citrus	121,934,000	170,775,000	(48,841,000)	-28.6%
Tree and Vine	268,368,000	249,150,000	19,218,000	7.7%
Vegetables	354,217,000	371,570,000	(17,353,000)	-4.7%
Field and Seed	141,652,000	93,282,000	48,370,000	51.9%
Nursery	204,768,000	165,758,000	39,010,000	23.5%
Apiculture	6,123,000	5,473,000	650,000	11.9%
Aquaculture	4,776,000	4,732,000	44,000	0.9%
All Agriculture	1,101,838,000	1,060,740,000	41,098,000	3.9%
Livestock and Poultry	219,427,000	238,468,000	(19,041,000)	-8.0%
Grand Total	1,321,265,000	1,299,208,000	22,057,000	1.7%



CITRUS CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
Grapefruit-Red	2019	3,932	3,932	12.60	49,543	tons	180.57	14,363,624
Grapefruit-Red	2018	1,789	1,789	13.42	24,000	tons	512.41	12,298,000
By-Products	2018			2.50	4,470	tons	60.00	268,000
Grapefruit-Ruby	2019	2,786	2,591	13.00	33,683	tons	276.93	9,328,000
Grapefruit-Ruby	2018	2,875	2,875	13.23	38,000	tons	485.63	18,454,000
By-Products	2018			2.50	7,190	tons	62.00	446,000
Grapefruit-Other	2019	210	210	14.00	2,951	tons	612.00	1,806,269
Grapefruit-Other	2018	100	100	14.45	1,450	tons	617.65	896,000
By-Products	2018			1.94	194	tons	36.79	7,100
Lemons	2019	6,637	6,637	9.15	60,728	tons	952.54	57,845,989
Lemons	2018	7,136	7,136	11.98	85,500	tons	1,001.31	85,612,000
By-Products	2018			2.25	16,100	tons	94.00	1,513,000
Miscellaneous*	2019	1,800	1,800	0.00	0	tons	0.00	206,657
Miscellaneous*	2018	720	720	10.29	7,410	tons	1,242.54	9,207,000
Oranges-Navel	2019	1,400	1,400	13.98	20,300	tons	394.09	7,217,255
Oranges-Navel	2018	1,450	1,450	13.98	20,300	tons	394.09	8,000,000
By-Products	2018			4.85	7,030	tons	46.00	323,000
Oranges-Valencia	2019	900	900	10.00	10,000	tons	401.30	5,866,005
Oranges-Valencia	2018	930	930	10.76	10,000	tons	401.30	4,013,000
By-Products	2018			2.20	2,050	tons	72.00	148,000
Mandarins / Tangerines	2019	1,589	1,589	8.97	14,260	tons	1,700.00	24,242,317
Mandarins / Tangerines	2018	1,553	1,553	8.75	13,600	tons	1,700.00	23,120,000
By-Products	2018			1.45	2,250	tons	120.00	270,000
Tangelos	2019	141	141	8.22	1,162	tons	910.00	1,058,114
Tangelos	2018	780	780	8.22	6,410	tons	945.43	6,060,000
By-Products	2018			1.50	1,170	tons	120.00	140,000
TOTAL	2019	19,395	17,333					121,934,230
	2018	17,333	17,333					170,775,000

* Includes: Kumquats, Limes, Blood Oranges.

TREE AND VINE CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
Apples	2019	25	25	2.33	58	tons	1,910.00	110,800
	2018	30	30	2.33	70	tons	1,910.00	133,700
Apricots	2019	15	15	2.00	30	tons	1,988.00	59,600
	2018	20	20	2.00	40	tons	1,988.00	79,500
Avocados	2019	2,942	2,942	3.02	16,135	tons	2,360.00	40,339,000
	2018	4,265	4,265	3.81	16,200	tons	2,378.27	38,528,000
Cherries	2019	15	15	1.00	15	tons	3,680.00	55,000
	2018	20	20	1.00	20	tons	3,680.00	74,000
Dates	2019	9,004	9,004	544.00	2,450	tons	2,620.00	96,249,158
Culls	2019			0.40	3,600	tons	87.00	313,000
Dates	2018	8,575	8,575	3.60	30,900	tons	2,500.00	77,250,000
Culls	2018			0.40	3,430	tons	87.00	298,000
Grapes - Table*	2019	6,610	6,610	Listed by Variety below.				102,286,799
(Total)	2018	7,200	7,200					112,569,000
Beauty Seedless	2019	60	60	6.30	378	tons	2,340.00	10,228,679
	2018	40	40	6.30	252	tons	2,333.33	-
Scarlet	2019	530	530	5.71	3,059	tons	2,675.00	8,182,944
	2018	580	580	5.85	3,393	tons	2,675.00	9,076,000
Flame Seedless	2019	3,280	3,280	5.69	18,681	tons	2,650.00	49,506,810
	2018	3,270	3,270	6.16	20,100	tons	2,645.00	53,165,000
Sugarone	2019	2,030	2,030	3.09	6,289	tons	3,090.00	19,434,491
	2018	2,350	2,350	5.05	11,868	tons	3,091.00	36,684,000
Green Seedless	2019	110	110	6.19	681	tons	2,550.00	1,738,264
	2018	100	100	7.50	750	tons	2,550.00	1,913,000
Other Varieties	2019	600	600	8.79	5,278	tons	2,500.00	13,195,611
	2018	600	600	7.78	4,700	tons	2,496.00	11,731,000
Grapes - Wine	2019	1,727	1,727	3.80	6,600	tons	1,623.00	16,524,000
	2018	2,310	2,310	3.80	8,800	tons	1,623.00	14,282,000
Miscellaneous**	2019	714	648	12.00	7,780	tons	1,600.00	12,448,000
	2018	713	713	3.87	2,760	tons	1,784.87	4,926,000
Peaches	2019	17	17	7.55	128	tons	2,000.00	257,000
	2018	45	45	1.00	45	tons	2,000.00	90,000
Pomegranates	2019	6	6	7.91	47	tons	1,000.00	38,800
	2018	110	110	7.91	870	tons	1,056.32	919,000
TOTAL	2019	21,075	21,009					268,368,157
	2018	23,288	23,288					249,150,000

* 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	2019	980	720.00	705,600	tons	14.80	10,443,000
	2018	927	5.75	5,330	tons	1,913.04	10,197,000
Beans-Green	2019	978	310.00	303,180	tons	38.60	11,703,000
	2018	905	6.86	3,210	tons	1,563.48	9,709,000
Broccoli	2019	4,780	795.00	3,800,100	tons	23.00	22,157,085
	2018	2,457	8.01	19,700	tons	1,049.78	20,681,000
Cabbage	2019	616	1,130.00	696,080	tons	40.00	3,397,540
	2018	710	12.30	8,730	tons	498.60	4,353,000
Carrots	2019	4,808	47.00	226,000	tons	148.06	33,462,000
	2018	5,287	34.91	185,000	tons	150.54	27,850,000
Cauliflower	2019	1,691	572.00	967,250	tons	13.01	12,584,000
	2018	1,384	9.23	12,770	tons	1,462.18	18,672,000
Celery	2019	931	1,559.00	1,451,400	tons	5.47	7,939,000
	2018	1,080	29.75	32,100	tons	460.43	14,780,000
Corn-Sweet	2019	1,738	450.00	782,100	tons	11.48	8,979,000
	2018	1,979	10.84	21,500	tons	477.01	10,256,000
Eggplant	2019	206	1,300.00	267,800	tons	16.51	4,421,000
	2018	295	11.76	3,470	tons	827.23	2,870,000
Corn	2019	45	150.00	6,750	tons	42.00	284,000
	2018	-	0.00	-	tons	0.00	-
Lettuce							
Head	2019	3,330	1,157.00	3,852,800	tons	8.27	31,934,033
	2018	920	13.95	12,800	tons	556.52	7,123,000
Loose Leaf	2019	-	0.00	-	tons	0.00	-
	2018	920	11.99	11,000	tons	811.18	8,923,000
Romaine	2019	1,700	14.00	23,800	tons	661.00	15,732,000
	2018	1,800	14.00	25,200	tons	661.00	16,657,000
Melons							
Cantaloupe	2019	895	15.00	13,400	tons	272.50	5,817,500
	2018	1,142	15.00	17,100	tons	272.50	4,660,000
Honeydew	2019	257	16.80	4,300	tons	321.00	2,570,000
	2018	505	16.80	8,500	tons	321.00	2,729,000
Mixed*	2019	1,589	16.20	25,700	tons	298.00	11,123,000
	2018	971	16.20	15,700	tons	298.00	4,679,000

* 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	2019	1,112	1,100.00	1,223,200	tons	6.53	3,174,890
	2018	569	23.91	13,600	tons	346.90	4,718,000
Miscellaneous**	2019	3,698	11.60	42,900	tons	435.50	21,045,660
	2018	3,260	11.56	37,700	tons	435.50	16,418,000
Okra	2019	640	9.88	6,327	tons	960.00	6,074,000
	2018	853	7.80	6,650	tons	979.60	6,514,000
Onion - Dry	2019	4,417	18.00	79,506	tons	165.87	13,188,000
	2018	4,090	21.60	88,340	tons	352.99	31,183,000
Oriental Vegetables	2019	2,586	11.30	29,200	tons	560.50	17,549,606
	2018	3,775	11.20	42,300	tons	560.49	23,709,000
Peppers							
Bell	2019	4,438	22.50	99,900	tons	732.79	73,206,000
	2018	4,166	22.14	92,200	tons	856.29	78,950,000
Potatoes	2019	591	17.40	10,300	tons	245.40	2,528,000
	2018	667	17.27	11,500	tons	257.95	2,966,000
Spring Potatoes	2019	922	16.50	15,200	tons	245.40	3,730,000
	2018	1,346	17.83	24,000	tons	252.88	6,069,000
Radishes	2019	73	23.12	1,690	tons	301.77	510,000
	2018	110	7.00	770	tons	1,100.00	847,000
Spices/Herbs	2019	1,624	7.30	11,860	tons	510.00	6,312,203
	2018	1,290	8.57	11,060	tons	453.92	5,020,000
Spinach	2019	1,411	16.23	22,900	tons	817.07	18,711,000
	2018	1,091	14.50	8,500	tons	723.56	11,432,000
Squash, All	2019	368	8.40	3,090	tons	714.56	2,208,000
	2018	1,260	11.79	14,860	tons	526.09	7,818,000
Strawberries	2019	30	9.75	292	tons	2,773.97	810,000
	2018	200	20.25	4,100	tons	1,912.96	7,843,000
Tomatoes	2019	255	23.37	5,960	tons	440.10	2,623,000
	2018	328	18.70	6,130	tons	643.91	3,947,000
TOTAL	2019	46,709					354,217,000
	2018	44,287					371,573,000

** 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	2019	11,669	1.22	14,240	tons	1,420.00	13,021,954
	2018	9,100	1.22	11,100	tons	1,420.00	15,762,000
Seed	2019	10,500	1.60	18,700	tons	251.00	4,694,000
	2018		1.60	14,600	tons	251.00	3,665,000
Grain							
Oats	2019	280	0.58	170	tons	240.00	38,267
	2018	300	0.58	170	tons	240.00	41,000
Wheat	2019	10,022	1.70	17,037	tons	180.00	3,067,000
	2018	8,134	1.69	13,700	tons	223.96	3,068,000
Hay							
Alfalfa	2019	54,150	6.76	366,000	tons	180.00	87,723,000
	2018	43,023	6.76	291,000	tons	191.30	55,668,000
Bermuda Grass	2019	4,632	11.00	51,000	tons	180.00	9,180,000
	2018	2,900	8.40	24,400	tons	190.00	4,636,000
3-Way	2019	76	2.20	200	tons	160.00	32,000
	2018	-	0.00	0	tons	0.00	-
Oats	2019	400	350.00	140,000	tons	200.00	2,379,780
	2018	1,206	350.00	422,100	tons	200.00	844,000
Sudan	2019	1,023	5.50	5,600	tons	195.00	1,092,000
	2018	2,348	5.76	13,500	tons	195.00	2,633,000
Miscellaneous*	2019	1,515	14.00	21,210	tons	60.00	1,273,000
	2018	1,156	8.00	9,250		70.00	648,000
Indutrial Hemp							
Hemp	2019	188	0.50	90	tons	60000.00	5,400,000
	2018	0	0.00	0		0.00	-

* Includes: Silage - Barley and Triticale, Hay - Rye Grass

FIELD AND SEED CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Pasture-Irrigated	2019	1,443			acres	130.00	188,000
	2018	2,540			acres	137.72	350,000
Rangeland	2019	12,000			acres	2.00	24,000
	2018	15,000			acres	2.00	30,000
Silage and Green Chop							
Alfalfa	2019	4,160	9.00	37,400	tons	220.26	8,238,000
	2018	5,108	3.55	18,100	tons	115.73	2,095,000
Corn	2019	1,121	25.33	28,400	tons	75.00	2,130,000
	2018	1,041	28.10	29,300	tons	49.58	1,453,000
Oats	2019	358	3.00	1,070	tons	70.00	75,000
	2018	409	3.00	1,230	tons	82.00	101,000
Sorghum	2019	195	18.00	3,500	tons	119.00	417,000
	2018	262	19.19	5,000	tons	66.65	333,000
Rye Grass	2019	1,438	19.55	28,100	tons	65.00	1,827,000
	2018	1,156	8.00	9,200	tons	70.00	644,000
Wheat	2019	1,012	3.10	3,100	tons	274.83	852,000
	2018	4,600	1.50	6,900	tons	190.00	1,311,000
TOTAL	2019	116,182					141,652,000
	2018	114,492					93,282,000

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



LIVESTOCK AND POULTRY

	Number Year	Total of Head	Liveweight	Value		Total
				Per Unit	Unit	
Cattle and Calves	2019	15,000	100,000	cwt	115.00	11,500,000
	2018	21,600	140,500	cwt	115.00	16,158,000
Sheep and Lambs	2019	8,000	9,600	cwt	147.00	1,411,000
	2018	8,200	9,840	cwt	147.00	1,446,000
Other*	2019			various		1,218,000
	2018			various		1,230,000
TOTAL	2019					14,129,000
	2018					18,834,000

* Includes Baby Chicks, Chickens, Ducks, Pheasants.

LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Value		Total
					Unit	
Eggs	2019	35,081,100	dozen		1.77	62,094,000
	2018	38,979,000	dozen		1.77	68,993,000
Milk*	2019	8,077,873	cwt		17.52	141,524,000
	2018	8,503,000	cwt		17.52	148,973,000
Other Products**	2019					1,680,000
	2018					1,739,000
TOTAL	2019					205,298,000
	2018					219,705,000

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

**Includes Wool, Manure.

AQUACULTURE

Year	Production	Unit	Value		
			Per Unit	Total	
Catfish	2019	140,000	lbs	2.50	350,000
	2018	150,000	lbs	2.50	375,000
Miscellaneous*	2019		various		576,000
	2018		various		628,000
Tilapia	2019	1,400,000	lbs	2.75	3,850,000
	2018	1,375,000	lbs	2.75	3,781,000
Total	2019				4,776,000
	2018				4,784,000

* Includes Goldfish, Koi, Tropical Fish, Bass.

NURSERY STOCK PRODUCTION

	Year	Acres	Value		Total
			Units	Per Unit	
Ornamental Nursery Stock	2019	3,294	0	various	174,802,387
	2018	4,339	52,321,000	various	135,212,000
Cut Flowers / Cut Greens	2019	9	0	cuttings	54,000
	2018	111	1,737,000	cuttings	825,000
Christmas Trees (cut)	2019	0	0	each	-
	2018	65	3,833	each	221,000
Turf	2019	2,161	62,857,080	square feet	27,259,568
	2018	2,244	99,889,000	square feet	26,425,000
Farm Planting Stock	2019	152	275,000	various	2,652,000
	2018	150	274,000	various	3,075,000
TOTAL	2019	5,616			204,768,000
	2018	6,909			165,758,000



APICULTURE

	Year	Production	Value		Total
			Per Unit	Unit	
Honey	2019	653,554	lbs	1.90	1,242,000
	2018	750,000	lbs	1.81	1,358,000
Beeswax	2019	11,882	lbs	3.00	35,600
	2018	13,500	lbs	2.57	34,700
Fees Collected for Pollination	2019	25,500	colonies	190.00	4,845,000
	2018	25,500	colonies	160.00	4,080,000
Total Colonies	2019	0			
	2018	37,500			
TOTAL	2019				6,123,000
	2018				5,473,000

DISTRICT VALUATIONS - AGRICULTURAL CROPS

District	2015	2016	2017	2018	2019
Riverside/Corona	94,139,000	91,835,000	102,010,000	105,905,000	126,279,000
San Jacinto/Temecula Valley	151,976,000	146,500,000	156,061,000	153,514,000	148,788,000
Coachella Valley	649,732,000	639,620,000	592,337,000	623,805,000	684,911,000
Palo Verde Valley	146,197,000	124,708,000	142,468,000	151,721,000	209,974,510
Total Crop Valuation	1,042,044,000	1,002,663,000	992,876,000	1,034,945,000	1,169,953,000

ACREAGE STATISTICS

Crop	2015	2016	2017	2018	2019
Citrus	16,462	15,802	16,082	17,333	19,756
Tree and Vine	23,269	22,784	23,405	22,988	21,075
Vegetable, Melons, Misc.	37,165	46,934	39,621	44,287	46,709
Field and Seed	114,492	102,829	102,829	102,829	116,182
Nursery	6,393	5,695	6,082	6,909	5,616
Total Planted Acreage	197,781	194,044	188,019	194,346	209,338

TOTAL VALUATION

Crop	2015	2016	2017	2018	2019
Citrus	187,673,000	200,101,000	177,055,000	170,775,000	121,934,000
Tree and Vine	234,928,000	227,444,000	228,315,000	249,150,000	268,368,000
Vegetable, Melons, Misc.	327,199,000	365,157,000	331,986,000	371,570,000	354,217,000
Field and Seed	122,794,000	97,184,000	96,063,000	93,282,000	141,652,000
Nursery	158,648,000	150,426,000	153,749,000	165,758,000	204,768,000
Apiculture	4,897,000	5,082,000	5,415,000	5,473,000	6,123,000
Aquaculture	5,397,000	4,624,000	4,764,000	4,732,000	4,776,000
Total Crop	1,041,536,000	1,050,018,000	997,347,000	1,060,740,000	1,101,838,000
Livestock and Poultry	260,015,000	225,758,000	221,175,000	238,468,000	219,427,000
GRAND TOTAL	1,301,551,000	1,275,776,000	1,218,522,000	1,299,208,000	1,321,265,000



CALIFORNIA'S LEADING AGRICULTURAL COUNTIES BY TOTAL VALUE OF PRODUCTION

<u>2019</u>			<u>2018</u>		
<u>Rank</u>	<u>County</u>	<u>Value (\$)</u>	<u>Rank</u>	<u>County</u>	<u>Value (\$)</u>
1	Kern	7,620,699,180	1	Kern	7,254,004,000
2	Tulare	7,505,352,100	2	Tulare	7,039,709,000
3	Fresno	0	3	Fresno	7,024,915,000
4	Monterey	4,409,992,000	4	Monterey	4,425,425,000
5	Stanislaus	3,598,404,000	5	Stanislaus	3,648,192,000
6	Merced	3,161,248,000	6	Merced	3,409,518,000
7	San Joaquin	2,617,815,000	7	San Joaquin	2,527,966,000
8	Kings	2,187,693,000	8	Ventura	2,099,889,000
9	Imperial	2,015,843,000	9	Kings	2,066,329,000
10	Madera	2,001,565,000	10	Imperial	2,065,599,000
11	Ventura	1,990,100,000	11	Madera	1,973,067,000
12	San Diego	1,795,528,573	12	San Diego	1,774,192,000
13	Santa Barbara	1,600,146,484	13	Santa Barbara	1,590,351,000
14	Riverside	1,321,265,000	14	Riverside	1,299,208,000

YEAR

VALUE

STATE RANK

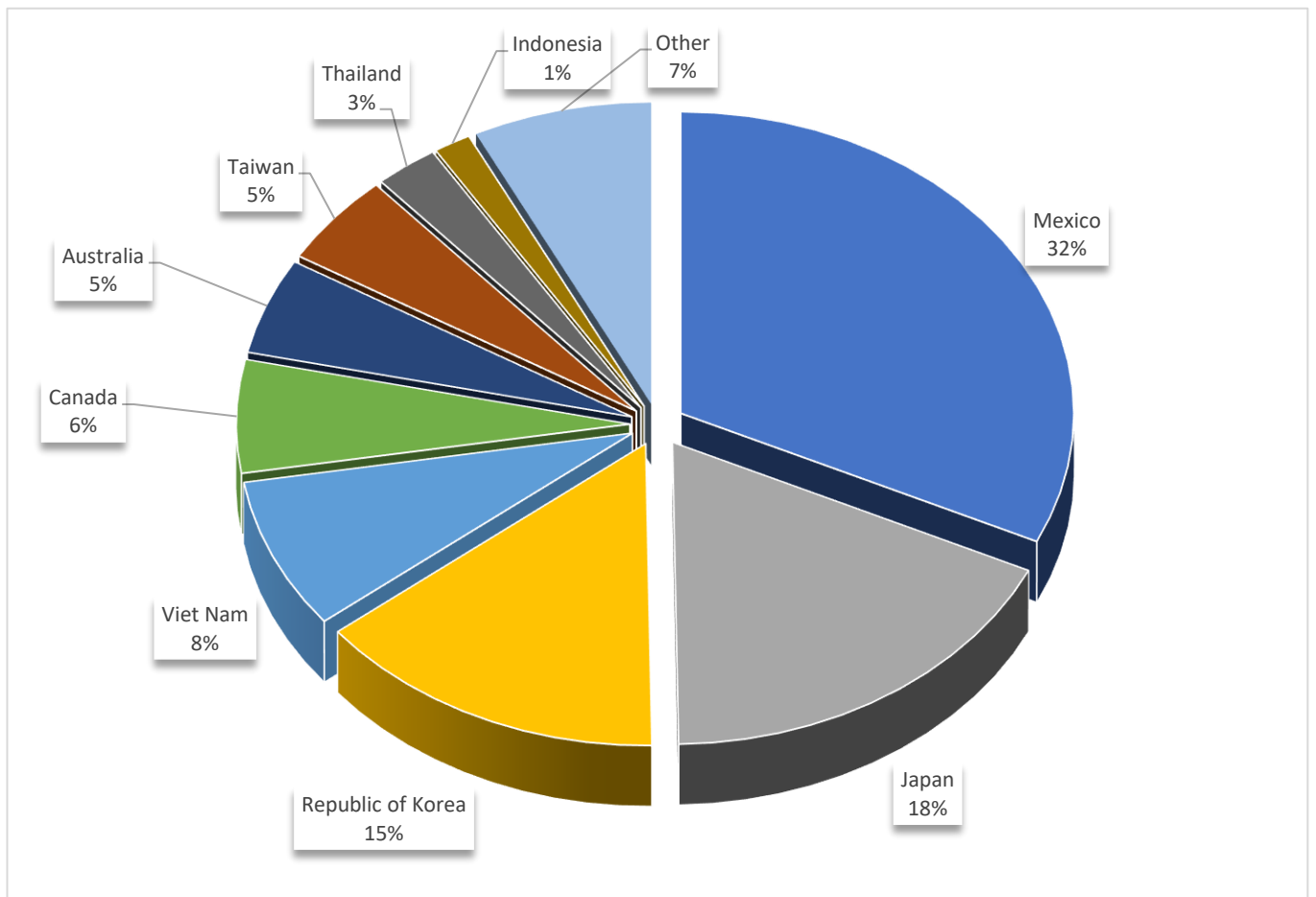
2010	\$1,093,646,000	12
2011	\$1,282,256,000	13
2012	\$1,253,130,000	13
2013	\$1,327,804,000	14
2014	\$1,362,016,000	13
2015	\$1,301,551,000	14
2016	\$1,275,776,000	14
2017	\$1,218,552,000	14
2018	\$1,299,208,000	14
2019	\$1,352,148,000	14

PHYTOSANITARY EXPORT CERTIFICATION - 2019

All Export Countries

Antigua and Barbuda	Egypt	Kuwait	Singapore
Australia	Fiji	Malaysia	South Africa
Bangladesh	France	Mexico	Sweden
Belize	French Polynesia	Montserrat	Taiwan
Bermuda	Ghana	Myanmar	Tanzania, United Republic
Cambodia	Guatemala	New Zealand	Thailand
Canada	Hong Kong	Nicaragua	Trinidad and Tobago
China	India	Panama	Turkey
Colombia	Indonesia	Peru	Uganda
Costa Rica	Jamaica	Philippines	United Arab Emirates
Dominican Republic	Japan	Qatar	United Kingdom
Ecuador	Korea, Republic of	St Vincent/Grenadines	Viet Nam

Top Ten Export Countries



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

PHYTOSANITARY EXPORT CERTIFICATION - 2019

All Export Commodities

Artichokes	Cantaloupe	Lettuce - Romaine	Oranges
Asparagus	Cauliflower	Leeks	Peaches
Avocados	Dates	Lemons	Raisins
Beets	Grapes	Limes	Spinach
Bok Choy	Grapefruit	Mangos	Sweet Corn
Broccoli	Herbs and Spices	Mandarines-Tangerines	Sweet Limes
Brussels Sprouts	Kale	Melons	Tangelo
Celery	Lettuce - Leaf	Nursery Stock	Wood Products
Corn			

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



PEST INTERCEPTIONS - 2019

<u>Scientific Name</u>	<u>Common Name</u>	<u>Pest Rating</u>	<u>Interceptions</u>
<i>Solenopsis invicta</i>	Red Imported Fire Ant	A	56
<i>Maconellicoccus hirsutus</i>	Pink Hibiscus Mealybug	A	1
<i>Diaphorina citri</i>	Asian Citrus Psyllid	A	13
<i>Ceroplastes rusci</i>	Fig Wax Scale	A	2
<i>Phenacoccus peruvianus</i>	Bougainvillea Mealybug	A	8
<i>Planococcus minor</i>	Pacific Mealybug	A	1
<i>Pinnaspis strachani</i>	Lesser Snow Scale	A	1
<i>Parmarion martensi</i>	Slug	A	1
<i>Colletotricum sp</i>	Anthrachnose	B	12
<i>Bradybaena similaris</i>	Snail	B	2



PEST INTERCEPTIONS - 2018

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 2015 - 2019

<u>Year</u>	<u>Total</u>	<u>A</u>	<u>B</u>	<u>Q</u>
2019	97	83	14	0
2018	27+	20+	1	6
2017	15	5	3	7
2016	10	5	3	2
2015	61	45	6	10

SUSTAINABLE AGRICULTURE - 2019

ORGANIC FARMING

214

PEST DETECTION (Commercial and Urban)

<u>Activity</u>	<u>Hours</u>
Commercial Crops	0
Public Contact	38
Special Surveys:	
Red Imported Fire Ant	628
Other	49.5



PEST DETECTION (Exotic Insects)

<u>Pest</u>	<u>Trap Servicings</u>
European Grape Vine Moth	6,765
Light Brown Apple Moth	120
European Corn Borer	107
Pink Hibiscus Mealybug	0
Khapra Beetle	200
Gypsy Moth	50

Pest Exclusion (Incoming plant shipments)

<u>Units Profiled</u>	<u>Units inspected</u>	<u>Rejections</u>
1913	1232	5

PEST ABATEMENT / HOLD NOTICES

<u>Pest</u>	<u>Properties</u>
California Red Scale	0
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 Scale	<i>Encarsia</i> sp. (wasp)
Eucalyptus	<i>Cryptochaetum iceyae</i> (fly)
Long-horned Borer	<i>Aventianella longoi</i> (wasp)
	<i>Jarra phoracantha</i> (wasp)
	<i>Syngaster lepidus</i> (wasp)
Mosquitoes	<i>Bacillus thur. israelensis</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 Psyllid	<i>Plyllaephagus bliteus</i> (wasp)
Pink Hibiscus Mealybug	<i>Gyranusoidea indica</i>
	<i>Gyranusoidea indica</i>
Ant	<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)
Asian Citrus Psyllid	<i>Chrysoperla carnea</i>

OTHER

Enforcement of the following County Ordinances:
Agricultural Grading, Land Application
of Manure and Biosolids, Cotton Plowdown, Blowing
Dust, and Beekeeping.





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