

RIVERSIDE COUNTY

AGRICULTURAL PRODUCTION REPORT

2020



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Junior Enterprises, a Big Deal in Agriculture

Coming from two generations of agricultural workers, Luis Alonzo Jr himself began working in the agricultural industry in Imperial, Monterey, and Riverside Counties. Farming for his family was a vocation that had been passed down to him from his parents that worked in the agricultural fields of Michoacan, Mexico. In 2008, Luis took his family knowledge and pride and started his own business, Junior Enterprises, in Coachella Valley. His business operates over 800 acres of agricultural land, growing commodities like, bell peppers, potatoes, corn, green beans, and artichokes. In 2015, continuing the family tradition, Luis's twin children Luis and Celeste joined the ranks, and last year his youngest child Andres joined as well.

For Junior Enterprises, farming is a thing of pride, "knowing that we are feeding our people, our nation. Farmers and farmworkers take great pride in their work. We need food to live. I am glad the pandemic opened the eyes of our nation to see how essential farm workers are" Celeste Alonzo stated. This pride and basis on family values is evident by the support provided to the 25 year-round employees, and up to 200 contracted workers during harvest season. Through financial grants from the United States Department of Agriculture and personal protective equipment allocations from the Riverside County Agricultural Commissioner's office, including N95 respirators, face masks, gloves, and hand sanitizer, equipment that could not be found on the shelves at the time, employees had a better sense of security and comfort. The support provided by the governmental agencies allowed Jr. Enterprises to extend employees paid sick time above and beyond the two-week allotment given by the state, a promise vowed to employees by the business, to ensure that employees livelihood remained intact. The County of Riverside and the Growing Coachella Valley Program organized the first COVID-19 vaccination site for farmworker which added another layer of protection for his workers.

During last year's pandemic, many industries struggled to keep workers employed. For Junior Enterprises, this was not an issue. The support provided by the business paid its dividends as they experienced no employee turnover during that time. "They were really appreciative of my dad's vow. At the end of the day, we are all family, and we are going to take care of each other as family" Celeste Alonzo stated. The company supervisor, a gentleman named Prospero, has known Luis' father for over 40 years, and knew Luis before he was born. Prospero says that their future is uncertain. With rising water prices, short supply and increased demands for labor across the nation, the business has its work cut out for them, but this determination and value system they hold will surely help push this thriving business forward into the future.





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 2020 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 2020 in Riverside County is **\$1,418,220,000**. This total represents an increase of \$97 million (7.3%) from last year's total value. The largest increase (21%) was seen in nursery production followed by livestock and poultry production (18.5%) while vegetable crops saw a 5.6% 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.

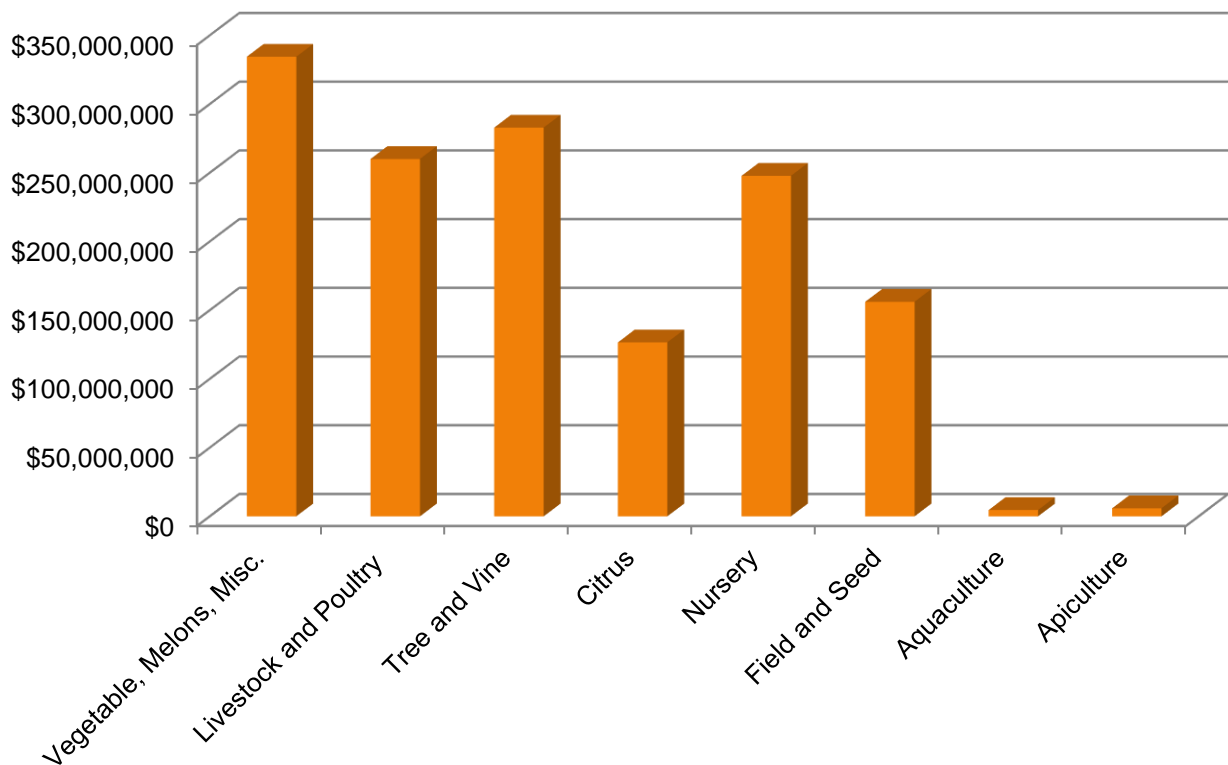
Respectfully submitted,

Ruben J. Arroyo
Agricultural Commissioner
Sealer of Weights and Measures

FIVE YEAR COMPARISON

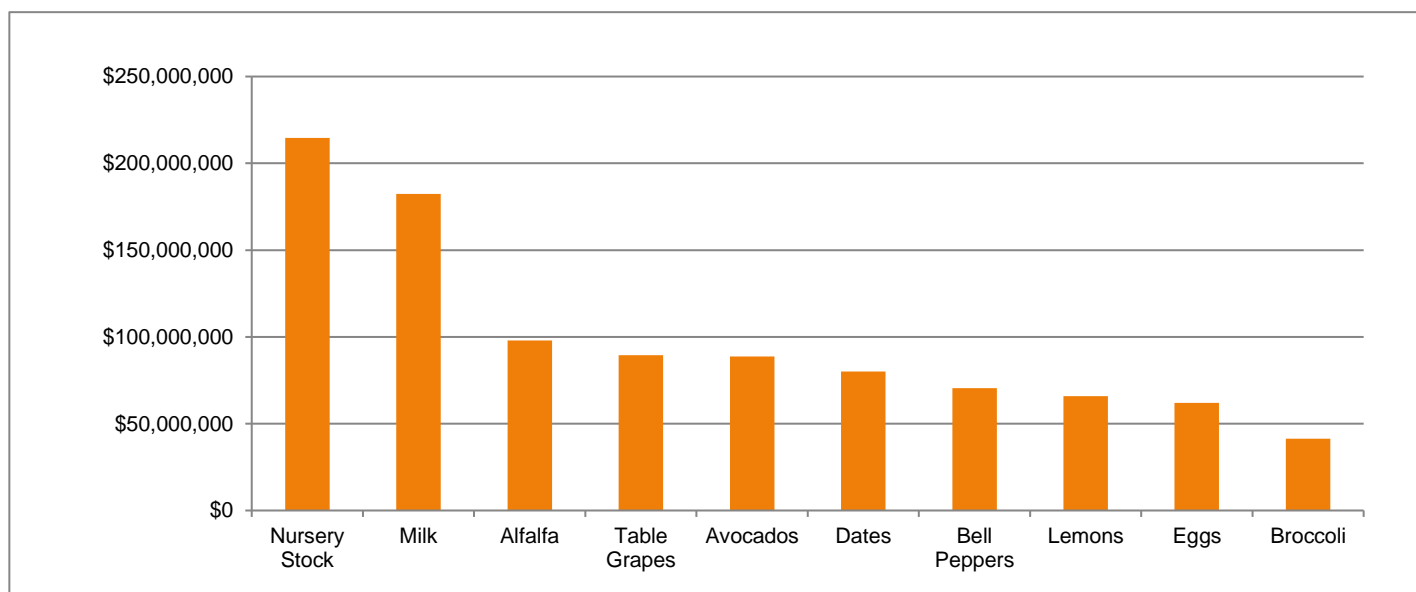
Commodity Group	2016	2017	2018	2019	2020
Citrus	\$200,101,000	\$177,055,000	\$170,775,000	\$121,934,000	\$126,567,000
Tree and Vine	\$227,444,000	\$228,315,000	\$249,150,000	\$268,368,000	\$282,840,000
Vegetable, Melons, Misc.	\$365,157,000	\$331,986,000	\$371,570,000	\$354,217,000	\$334,440,000
Field and Seed	\$97,184,000	\$99,224,000	\$93,282,000	\$141,652,000	\$156,114,000
Nursery	\$150,426,000	\$153,749,000	\$165,758,000	\$204,768,000	\$247,765,000
Apiculture	\$5,082,000	\$5,415,000	\$5,473,000	\$6,123,000	\$5,858,000
Aquaculture	\$4,624,000	\$4,764,000	\$4,732,000	\$4,776,000	\$4,596,000
Livestock and Poultry	\$225,758,000	\$221,750,000	\$238,468,000	\$219,427,000	\$260,040,000
GRAND TOTAL	\$1,275,776,000	\$1,222,258,000	\$1,299,208,000	\$1,321,265,000	\$1,418,220,000

2019 COMMODITY GROUP VALUES



TEN LEADING CROPS FOR 2020

Rank	Crop	Value
1st	Nursery Stock	\$214,578,000
2nd	Milk	\$182,400,000
3rd	Alfalfa	\$97,885,000
4th	Table Grapes	\$89,388,000
5th	Avocados	\$88,697,000
6th	Dates	\$80,080,000
7th	Bell Peppers	\$70,513,000
8th	Lemons	\$65,891,000
9th	Eggs	\$62,039,000
10th	Broccoli	\$41,418,000



OTHER MILLION DOLLAR COMMODITIES

Crop	Value	Crop	Value	Crop	Value
Grapefruit	32,613,407	Cotton	9,315,600	Cabbage	3,595,827
Turf Grass	30,799,883	Wheat - Grain	8,278,590	Talapia	3,487,500
Carrots	25,812,476	Alfalfa - Silage	7,944,960	Honeydew melon	3,208,000
Lettuce - Head	21,432,420	Mixed Melons	7,528,000	Tomatoes	3,172,154
Mandarins/Tangerines	21,335,340	Okra	7,189,248	Cotton Seed	3,105,000
Onion - Dry	21,103,200	Romaine Lettuce	6,854,853	Kale	2,425,806
Wine Grapes	19,000,000	Celery	6,248,568	Beets	2,325,015
Cauliflower	17,014,000	Watermelon	6,100,381	Strawberries	2,182,250
Spinach	15,254,862	Oranges	5,478,000	Squash	1,873,808
Artichokes	12,172,680	Cantaloupe	5,376,000	Sudan Grass	1,777,720
Cattle / Calves	11,400,000	Green Beans	5,136,000	Rye Grass	1,670,630
Oriental Vegetables	11,316,600	Eggplant	5,076,400	Radishes	1,662,216
Industrial Hemp	10,800,000	Pollination	4,750,000	Corn - Silage	1,577,685
Corn - Sweet	9,952,174	Spices / Herbs	4,701,152	Chili peppers	1,551,000
Bermuda Grass	9,645,120	Potatoes	4,107,301	Lamb and Sheep	1,402,000

PRODUCTION VALUATION CHANGES 2019 TO 2020

<u>Crop</u>	<u>2020</u>	<u>2019</u>	<u>Value Change (\$)</u>	<u>Percentage Change</u>
Citrus	126,567,000	121,934,000	4,633,000	3.8%
Tree and Vine	282,840,000	268,368,000	14,472,000	5.4%
Vegetables	334,440,000	354,217,000	(19,777,000)	-5.6%
Field and Seed	156,114,000	141,652,000	14,462,000	10.2%
Nursery	247,765,000	204,768,000	42,997,000	21.0%
Apiculture	5,858,000	6,123,000	(265,000)	-4.3%
Aquaculture	4,596,000	4,776,000	(180,000)	-3.8%
All Agriculture	1,158,180,000	1,101,838,000	56,342,000	5.1%
Livestock and Poultry	260,040,000	219,427,000	40,613,000	18.5%
Grand Total	1,418,220,000	1,321,265,000	96,955,000	7.3%

CITRUS CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
Grapefruit-Red	2020	2,100	2,100	12.75	62,500	tons	185.00	22,675,000
Grapefruit-Red	2019	3,932	3,932	12.60	49,543	tons	180.57	14,363,624
By-Products	2019	0		2.50	0	tons	60.00	-
Grapefruit-Ruby	2020	3,102	2,907	13.00	28,275	tons	325.00	9,189,250
Grapefruit-Ruby	2019	2,786	2,591	13.00	33,683	tons	276.93	9,328,000
By-Products	2019			2.50	0	tons	0.00	-
Grapefruit-Other	2020	89	89	0.00	1,248	tons	600.00	749,157
Grapefruit-Other	2019	210	210	14.00	2,951	tons	612.00	1,806,269
By-Products	2019			0.00	0	tons	0.00	-
Lemons	2020	7,839	7,839	9.15	69,358	tons	950.00	65,890,895
Lemons	2019	6,637	6,637	9.15	60,728	tons	952.54	57,845,989
By-Products	2019			0.00	0	tons	94.00	-
Miscellaneous*	2020	1,750	1,750	10.29	0	tons	0.00	190,000
Miscellaneous*	2019	1,800	1,800	10.29	0	tons	0.00	206,657
Oranges-Navel	2020	1,350	50	13.98	3,806	tons	394.09	1,500,000
Oranges-Navel	2019	1,400	1,400	13.98	19,600	tons	394.09	7,217,255
By-Products	2019			0.00	0	tons	46.00	-
Oranges-Valencia	2020	900	900	10.00	9,000	tons	442.00	3,978,000
Oranges-Valencia	2019	900	900	10.00	10,000	tons	401.30	5,866,005
By-Products	2019			0.00	0	tons	72.00	-
Mandarins / Tangerines	2020	1,619	1,619	8.90	14,409	tons	1,700.00	21,335,340
Mandarins / Tangerines	2019	1,589	1,589	8.97	14,260	tons	1,700.00	24,242,317
By-Products	2019			0.00	0	tons	120.00	-
Tangelos	2020	140	140	8.22	1,151	tons	920.00	1,058,920
Tangelos	2019	141	141	8.22	1,162	tons	910.00	1,058,114
By-Products	2019			0.00	0	tons	120.00	-
TOTAL	2020	18,889	17,394					126,566,562
	2019	19,395	19,200					121,934,230

* Includes: Kumquats, Limes, Blood Oranges.

TREE AND VINE CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
Apples	2020	23	22	2.33	51	tons	1,910.00	97,400
	2019	25	25	2.33	58	tons	1,910.00	110,800
Apricots	2020	12	12	2.00	28	tons	1,988.00	55,700
	2019	15	15	2.00	30	tons	1,988.00	59,600
Avocados	2020	3,020	3,020	3.02	0	tons	2,360.00	88,697,400
	2019	2,942	2,942	3.02	16,135	tons	2,360.00	40,339,000
Cherries	2020	10	10	1.00	10	tons	3,680.00	37,000
	2019	15	15	1.00	15	tons	3,680.00	55,000
Dates	2020	9,698	9,100	0.00	0	tons	2,200.00	80,080,000
Culls	2020			0.40	0	tons	0.00	297,500
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
Grapes - Table*	2020	7,026	5,645	Listed by Variety below.				89,388,025
(Total)	2019	6,610	6,610					102,286,799
Beauty Seedless	2020	200	180	0.00	1,032	tons	2,340.00	2,415,323
	2019	60	60	6.30	378	tons	2,340.00	10,228,679
Scarlet	2020	400	400	5.60	2,240	tons	2,675.00	5,992,000
	2019	530	530	5.71	3,059	tons	2,675.00	8,182,944
Flame Seedless	2020	3,200	3,200	0.00	16,203	tons	2,650.00	42,939,072
	2019	3,280	3,280	5.69	18,681	tons	2,650.00	49,506,810
Sugarone	2020	1,765	1,765	0.00	7,664	tons	3,090.00	23,683,582
	2019	2,030	2,030	3.09	6,289	tons	3,090.00	19,434,491
Green Seedless	2020	100	100	6.00	600	tons	2,550.00	1,530,000
	2019	110	110	6.19	681	tons	2,550.00	1,738,264
Other Varieties	2020	1,361	956	0.00	5,131	tons	2,500.00	12,828,048
	2019	600	600	8.79	5,278	tons	2,500.00	13,195,611
Grapes - Wine	2020	1,740	1,740	0.00	11,692	tons	0.00	19,000,000
	2019	1,727	1,727	3.80	6,600	tons	1,623.00	16,524,000
Miscellaneous**	2020	511	430	12.00	2,868	tons	1,600.00	4,589,170
	2019	714	648	12.00	7,780	tons	1,600.00	12,448,000
Peaches	2020	461	56	0.00	128	tons	0.00	865,648
	2019	17	17	7.55	128	tons	2,000.00	257,000
Pomegranates	2020	5	4	7.60	30	tons	1,000.00	30,000
	2019	6	6	7.91	47	tons	1,000.00	38,800
TOTAL	2020	22,506	20,039					282,840,343
	2019	21,075	21,009					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	2020	780	850.00	663,000	tons	18.36	12,172,680
	2019	980	720.00	705,600	tons	14.80	10,443,000
Beans-Green	2020	693	295.00	204,440	tons	25.12	5,136,000
	2019	978	310.00	303,180	tons	38.60	11,703,000
Beets	2020	315	21.12	6,700	tons	350.00	2,325,015
	2019	-	0.00	-	tons	0.00	-
Broccoli	2020	3,054	750.00	2,290,500	tons	12.00	41,418,175
	2019	4,780	795.00	3,800,100	tons	23.00	22,157,085
Cabbage	2020	553	640.00	8,848	tons	40.00	3,595,827
	2019	616	1,130.00	696,080	tons	40.00	3,397,540
Carrots	2020	4,111	48.00	197,000	tons	130.81	25,812,476
	2019	4,808	47.00	226,000	tons	148.06	33,462,000
Cauliflower	2020	1,850	640.00	1,184,000	tons	14.37	17,014,000
	2019	1,691	572.00	967,250	tons	13.01	12,584,000
Celery	2020	710	772.00	548,100	tons	11.40	6,248,568
	2019	931	1,559.00	1,451,400	tons	5.47	7,939,000
Corn-Sweet	2020	1,505	422.00	635,100	tons	15.67	9,952,174
	2019	1,738	450.00	782,100	tons	11.48	8,979,000
Eggplant	2020	259	1,750.00	453,250	tons	11.20	5,076,400
	2019	206	1,300.00	267,800	tons	16.51	4,421,000
Lettuce							
Head	2020	2,381	1,000.00	2,381,000	tons	9.00	21,432,420
	2019	3,330	1,157.00	3,852,800	tons	8.27	31,934,033
Romaine	2020	885	0.00	11,625	tons	590.00	6,854,853
	2019	1,700	14.00	23,800	tons	661.00	15,732,000
Melons							
Cantaloupe	2020	840	16.00	13,440	tons	272.50	5,376,000
	2019	895	15.00	13,400	tons	272.50	5,817,500
Honeydew	2020	401	16.00	6,400	tons	500.00	3,208,000
	2019	257	16.80	4,300	tons	321.00	2,570,000
Mixed*	2020	926	16.00	14,800	tons	300.00	7,528,000
	2019	1,589	16.20	25,700	tons	298.00	11,123,000
Watermelon	2020	1,111	1,100.00	1,222,100	tons	200.00	6,100,381
	2019	1,112	1,100.00	1,223,200	tons	6.53	3,174,890

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

VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Miscellaneous**	2020	3,124	11.60	36,200	tons	435.50	8,136,846
	2019	3,698	11.60	42,900	tons	435.50	21,045,660
Okra	2020	759	7.40	5,617	tons	960.00	7,189,248
	2019	640	9.88	6,327	tons	960.00	6,074,000
Onion - Dry	2020	5,812	18.00	104,616	tons	120.00	21,103,200
	2019	4,417	18.00	79,506	tons	165.87	13,188,000
Kale	2020	316	19.65	1,743	tons	1,391.00	2,425,806
	2019	-	0.00	-	tons	0.00	-
Oriental Vegetables	2020	1,808	12.00	21,700	tons	600.00	11,316,600
	2019	2,586	11.30	29,200	tons	560.50	17,549,606
Peppers							
Bell	2020	3,869	20.25	78,300	tons	732.79	70,512,525
	2019	4,438	22.50	99,900	tons	732.79	73,206,000
Chili	2020	94	187.50	17,600	tons	880.00	1,551,000
	2019	-	0.00	-	tons	0.00	-
Potatoes	2020	916	17.00	15,600	tons	245.40	4,107,301
	2019	591	17.40	10,300	tons	245.40	2,528,000
Radishes	2020	161	28.77	4,630	tons	301.77	1,662,216
	2019	73	23.12	1,690	tons	301.77	510,000
Spices/Herbs	2020	1,152	7.30	8,410	tons	520.00	4,701,152
	2019	1,624	7.30	11,860	tons	510.00	6,312,203
Spinach	2020	1,461	15.30	22,400	tons	873.00	15,254,862
	2019	1,411	16.23	22,900	tons	817.07	18,711,000
Squash, All	2020	332	8.30	2,760	tons	680.00	1,873,808
	2019	368	8.40	3,090	tons	714.56	2,208,000
Strawberries	2020	58	1.75	609	tons	3,583.00	2,182,250
	2019	30	9.75	292	tons	2,773.97	810,000
Tomatoes	2020	314	23.00	7,220	tons	440.10	3,172,154
	2019	255	23.37	5,960	tons	440.10	2,623,000
TOTAL	2020	40,550					334,439,937
	2019	45,742					354,217,000

** Includes: Amaranth, Arugula, Blueberries, Chinese Broccoli, Chinese Cabbage, Chives, Cilantro, Fennel, Garlic, Leeks, Lettuce (other), Mint, Mushrooms, Mustard, Okra, Parsley, Radishes, Snow Peas, Pumpkins.



FIELD AND SEED CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Cotton							
Short Staple	2020	6,620	4.00	0	tons	0.00	9,315,600
	2019	11,669	1.22	14,240	tons	1,420.00	13,021,954
Seed	2020	6,620	2.20	14,600	tons	251.00	3,105,000
	2019	10,500	1.60	18,700	tons	251.00	4,694,000
Grain							
Oats	2020	861	3.00	1,675	tons	200.00	359,919
	2019	280	0.58	170	tons	240.00	38,267
Wheat	2020	23,568	2.30	43,000	tons	200.00	8,278,590
	2019	10,022	1.70	17,037	tons	180.00	3,067,000
Barley	2020	16	4.00	64	tons	180.00	5,544
	2019	-	0.00	0	tons	180.00	-
Hay							
Alfalfa	2020	58,906	8.00	471,000	tons	180.00	97,884,640
	2019	54,150	6.76	366,000	tons	180.00	87,723,000
Bermuda Grass	2020	5,832	8.00	46,700	tons	180.00	9,645,120
	2019	4,632	11.00	51,000	tons	180.00	9,180,000
3-Way	2020	1,076	5.00	5,400	tons	160.00	1,030,726
	2019	76	2.20	200	tons	160.00	32,000
Oats	2020	400	0.00	0	tons	200.00	192,000
	2019	400	350.00	140,000	tons	200.00	2,379,780
Sudan	2020	2,895	5.00	14,500	tons	195.00	1,777,720
	2019	1,023	5.50	5,600	tons	195.00	1,092,000
Miscellaneous*	2020	800	14.00	11,200	tons	60.00	672,000
	2019	1,515	14.00	21,210	tons	60.00	1,273,000
Indutrial Hemp							
Hemp	2020	260	0.70	180	tons	60000.00	10,800,000
	2019	188	0.50	90	tons	60000.00	5,400,000

* 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	2020	1,414			acres	0.00	183,820
	2019	1,443			acres	130.00	188,000
Rangeland	2020	10,000			acres	1.20	12,000
	2019	12,000			acres	2.00	24,000
Silage and Green Chop							
Alfalfa	2020	4,138	8.00	33,100	tons	0.00	7,944,960
	2019	4,160	9.00	37,400	tons	220.26	8,238,000
Corn	2020	775	30.00	34,580	tons	75.00	1,577,685
	2019	1,121	25.33	28,400	tons	75.00	2,130,000
Oats	2020	533	4.30	2,290	tons	70.00	108,664
	2019	358	3.00	1,070	tons	70.00	75,000
Sorghum	2020	184	23.00	4,200	tons	119.00	317,000
	2019	195	18.00	3,500	tons	119.00	417,000
Rye Grass	2020	1,448	17.75	25,700	tons	65.00	1,670,630
	2019	1,438	19.55	28,100	tons	65.00	1,827,000
Wheat	2020	1,000	14.00	14,000	tons	88.00	1,232,000
	2019	1,012	3.10	3,100	tons	274.83	852,000
TOTAL	2020	127,346					156,113,618
	2019	116,182					141,652,000

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



LIVESTOCK AND POULTRY

	Number Year	Total of Head	Liveweight	Value		Total
				Per Unit	Unit	
Cattle and Calves	2020	15,000	100,000	cwt	114.00	11,400,000
	2019	15,000	100,000	cwt	115.00	11,500,000
Sheep and Lambs	2020	8,000	9,600	cwt	146.00	1,402,000
	2019	8,000	9,600	cwt	147.00	1,411,000
Other*	2020			various		1,200,000
	2019			various		1,218,000
TOTAL	2020					14,002,000
	2019					14,129,000

* Includes Baby Chicks, Chickens, Ducks, Pheasants.

LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Value		Total
					Unit	
Eggs	2020	35,050,000	dozen		1.77	62,038,500
	2019	35,081,100	dozen		1.77	62,094,000
Milk*	2020	9,600,000	cwt		19.00	182,400,000
	2019	8,077,873	cwt		17.52	141,524,000
Other Products**	2020					1,600,000
	2019					1,680,000
TOTAL	2019					246,038,500
	2018					206,417,000

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

**Includes Wool, Manure.

AQUACULTURE

Year	Production	Unit	Value		
			Per Unit	Total	
Catfish	2020	160,000	lbs	2.50	400,000
	2019	140,000	lbs	2.50	350,000
Miscellaneous*	2020		various		708,750
	2019		various		576,000
Tilapia	2020	1,395,000	lbs	2.50	3,487,500
	2019	1,400,000	lbs	2.75	3,850,000
Total	2020				4,596,250
	2019				4,776,000

* Includes Goldfish, Koi, Tropical Fish, Bass.

NURSERY STOCK PRODUCTION

	Year	Acres	Value		Total
			Units	Per Unit	
Ornamental Nursery Stock	2020	3,350	0	various	214,577,702
	2019	3,294	0	various	174,802,387
Cut Flowers / Cut Greens	2020	3	0	cuttings	99,480
	2019	9	0	cuttings	54,000
Christmas Trees (cut)	2020	0	0	each	-
	2019	0	0	each	-
Turf	2020	2,119	92,303,640	square feet	30,799,883
	2019	2,161	62,857,080	square feet	27,259,568
Farm Planting Stock	2020	152	17,650	various	2,288,031
	2019	152	275,000	various	2,652,000
TOTAL	2020	5,624			247,765,096
	2019	5,616			204,767,955



APICULTURE

	Year	Production	Value		Total
			Per Unit	Unit	
Honey	2020	563,954	lbs	1.90	1,072,000
	2019	653,554	lbs	1.90	1,242,000
Beeswax	2020	11,882	lbs	3.00	35,600
	2019	11,882	lbs	3.00	35,600
Fees Collected for Pollination	2020	25,000	colonies	190.00	4,750,000
	2019	25,500	colonies	190.00	4,845,000
Total Colonies	2020	44,000			
	2019	37,500			
TOTAL	2020				5,857,600
	2019				6,123,000

DISTRICT VALUATIONS - AGRICULTURAL CROPS

District	2016	2017	2018	2019	2020
Riverside/Corona	91,835,000	102,010,000	105,905,000	126,279,000	135,650,000
San Jacinto/Temecula Valley	146,500,000	156,061,000	153,514,000	148,788,000	165,415,000
Coachella Valley	639,620,000	592,337,000	623,805,000	684,911,000	703,250,000
Palo Verde Valley	124,708,000	142,468,000	151,721,000	209,974,510	216,100,000
Total Crop Valuation	1,002,663,000	992,876,000	1,034,945,000	1,169,953,000	1,220,415,000

ACREAGE STATISTICS

Crop	2016	2017	2018	2019	2020
Citrus	15,802	16,082	17,333	19,756	18,889
Tree and Vine	22,784	23,405	22,988	21,075	22,506
Vegetable, Melons, Misc.	46,934	39,621	44,287	46,709	40,550
Field and Seed	102,829	102,829	102,829	116,182	127,346
Nursery	5,695	6,082	6,909	5,616	5,624
Total Planted Acreage	194,044	188,019	194,346	209,338	214,915

TOTAL VALUATION

Crop	2016	2017	2018	2019	2020
Citrus	200,101,000	177,055,000	170,775,000	121,934,000	126,567,000
Tree and Vine	227,444,000	228,315,000	249,150,000	268,368,000	282,840,000
Vegetable, Melons, Misc.	365,157,000	331,986,000	371,570,000	354,217,000	334,440,000
Field and Seed	97,184,000	96,063,000	93,282,000	141,652,000	156,114,000
Nursery	150,426,000	153,749,000	165,758,000	204,768,000	247,765,000
Apiculture	5,082,000	5,415,000	5,473,000	6,123,000	5,858,000
Aquaculture	4,624,000	4,764,000	4,732,000	4,776,000	4,596,000
Total Crop	1,050,018,000	997,347,000	1,060,740,000	1,101,838,000	1,158,180,000
Livestock and Poultry	225,758,000	221,175,000	238,468,000	219,427,000	260,040,000
GRAND TOTAL	1,275,776,000	1,218,522,000	1,299,208,000	1,321,265,000	1,418,220,000



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	Fresno	7,717,906,900	1	Kern	7,254,004,000
2	Kern	7,620,699,180	2	Tulare	7,039,709,000
3	Tulare	7,505,352,100	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

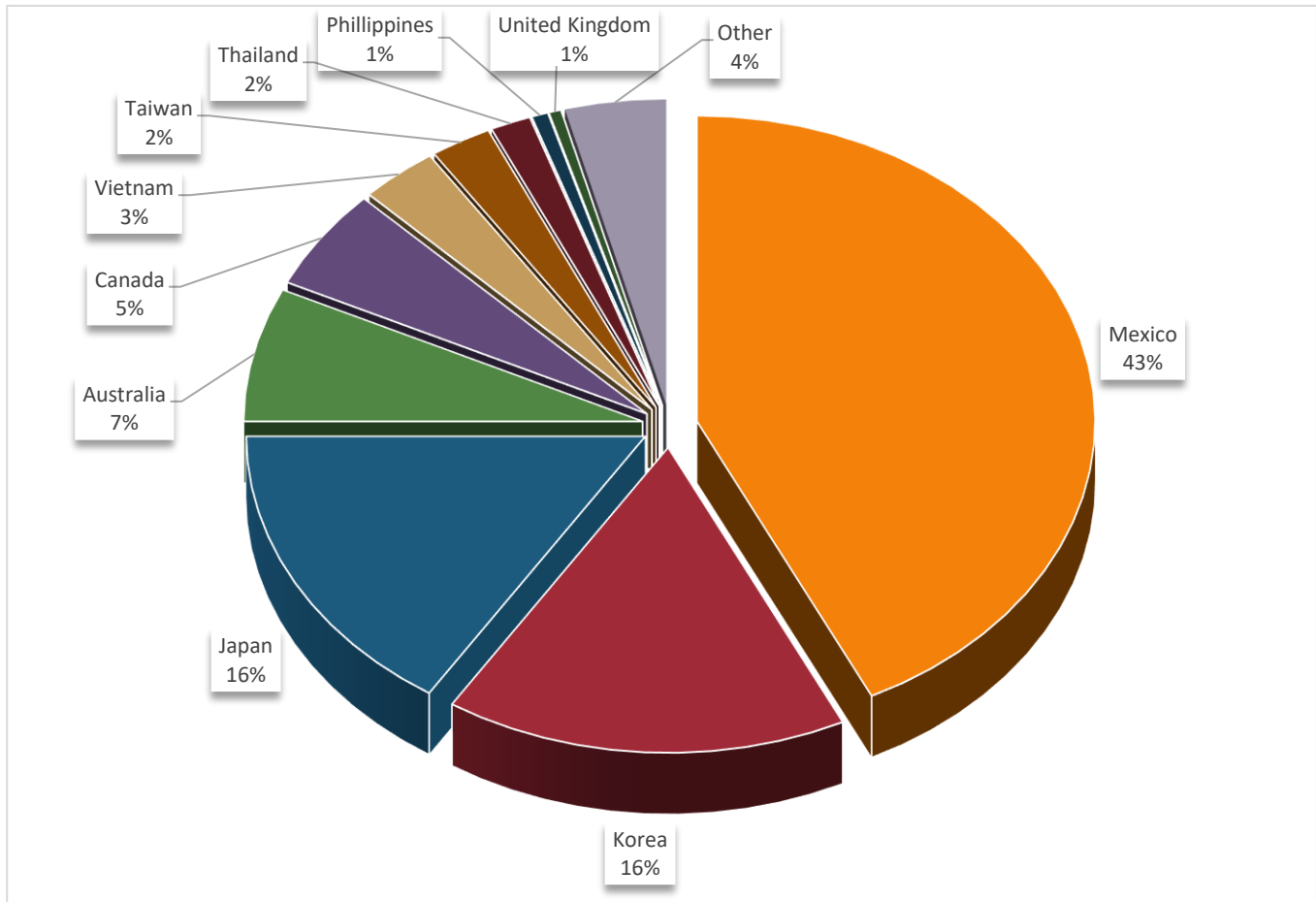
STATE RANK

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
2020	\$1,418,220,000	?

PHYTOSANITARY EXPORT CERTIFICATION - 2020

All Export Countries

Argentina	France	Malaysia	Sri Lanka
Australia	French Polynesia	Mexico	Sweden
Bahamas	Ghana	Netherlands	Taiwan
Bermuda	Guatemala	New Zealand	Tanzania, United Republic
Brazil	Honduras	Pakistan	Thailand
Canada	India	Panama	Trinidad and Tobago
Colombia	Indonesia	Philippines	Uganda
Costa Rica	Italy	Qatar	United Arab Emirates
Dominican Republic	Jamaica	Saint Kitts and Nevis	United Kingdom
Ecuador	Japan	Singapore	Vietnam
Fiji	Korea, Republic of	Spain	



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

PHYTOSANITARY EXPORT CERTIFICATION - 2020

All Export Commodities

Apple	Celery	Herbs and Spices	Onion
Artichokes	Citron	Kale	Oranges
Asparagus	Coriander	Lettuce	Peaches
Avocados	Corn	Leeks	Raisins
Basil	Cowpeas	Lemons	Rice
Blueberries	Dates	Limes	Spinach
Broccoli	Dill	Mangos	Sweet Corn
Brussels Sprouts	Eggplant	Mandarines-Tangerines	Sweet Limes
Cantaloupe	Grapes	Melons	Tangelo
Cauliflower	Grapefruit	Nursery Stock	Wood Products

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

EXPORT

PEST INTERCEPTIONS - 2020

<u>Scientific Name</u>	<u>Common Name</u>	<u>Pest Rating</u>	<u>Interceptions</u>
<i>Solenopsis invicta</i>	Red Imported Fire Ant	A	40
<i>Diaphorina Citri</i>	Asian Citrus Psyllid	A	7
<i>Tobamovirus spp.</i>	Tomato Brown Rugose Virus	A	2
<i>Maconellicoccus hirsutus</i>	Pink Hibiscus Mealybug	A	1
<i>Ceroplastes rusci</i>	Fig Wax Scale	A	1
<i>Planococcus peruvianus</i>	Bougainvillea Mealybug	B	5
<i>Pulvinaria urticae</i>	Urban soft scale	B	1
<i>Euwallacea spp.</i>	Invasive Shot Hole Borer	B	1



PEST INTERCEPTIONS - 2020

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 2016 - 2020

<u>Year</u>	<u>Total</u>	<u>A</u>	<u>B</u>	<u>Q</u>
2020	63	51	7	5
2019	97	83	14	0
2018	27+	20+	1	6
2017	15	5	3	7
2016	10	5	3	2

SUSTAINABLE AGRICULTURE - 2020

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 Servicing</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>Phyllaephagus bliteus</i> (wasp)
Pink Hibiscus Mealybug	<i>Gyranusoidea indica</i>
	<i>Gyranusoidea indica</i>
Ant	<i>Pseudacteon tricuspis</i> (fly)
Two Spotted Spider Mite	<i>Phytoseiulus persimilis</i> (mite)
Vine Mealybug	<i>Galendromus occidentalis</i> (mite)
Western Grapeleaf Skeletonizer	<i>Cryptolaemus montrouzieri</i> (beetle)
Wooly Whitefly	<i>Ametadoria harrisinae</i> (parasitoid)
	<i>Apanteles harrisinae</i> (wasp)
	<i>Amitus spiniferus</i> (parasitoid)
Asian Citrus Psyllid	<i>Cales noacki</i> (parasitoid)
	<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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