

RIVERSIDE COUNTY

AGRICULTURAL PRODUCTION REPORT

2021



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RIVERSIDE COUNTY AGRICULTURAL COMMISSIONER'S OFFICE

RUBEN J. ARROYO
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

Karen Ross, Secretary
California Department of Food and Agriculture
and

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



It is my privilege to submit the 2021 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 2021 in Riverside County is **\$1,405,910,000**. This total represents an decrease of \$12 million (-1%) from last year's total value. The largest increase (8%) was seen in nursery production followed by aquaculture (6.%) while field and Seed crops saw a 13.5% 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.

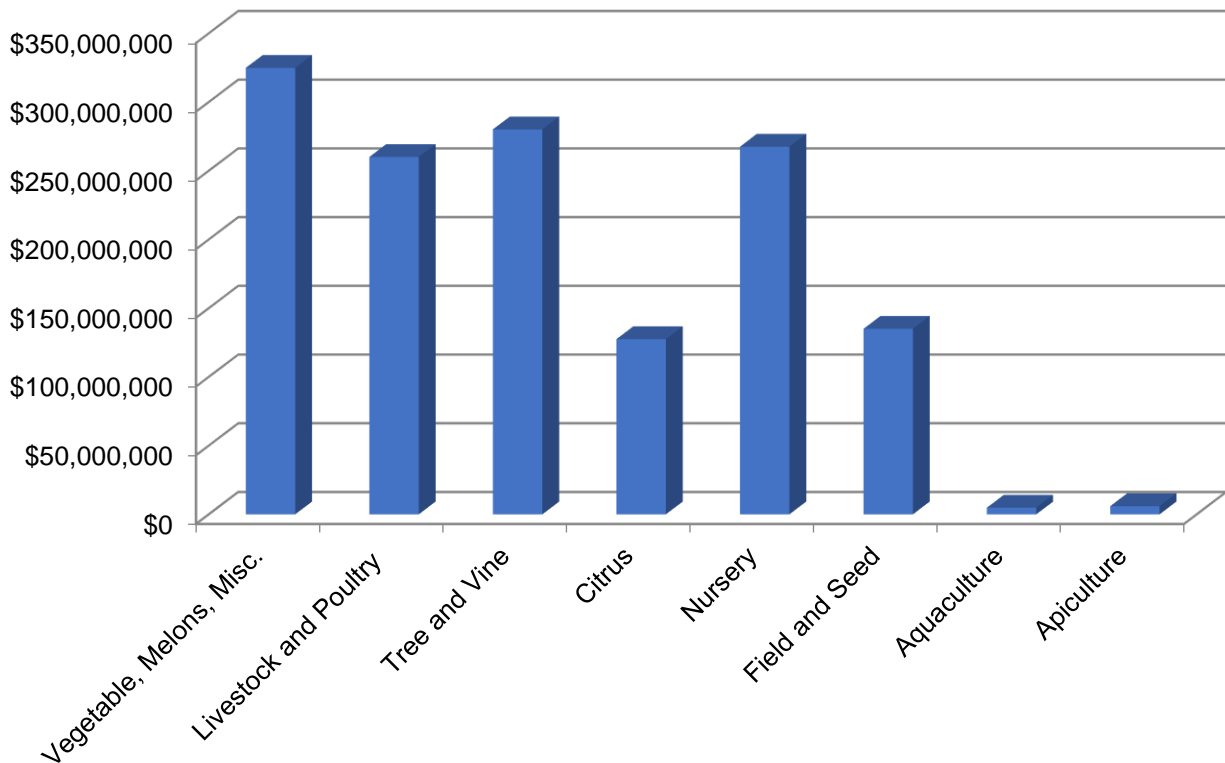
Respectfully submitted,

Ruben J. Arroyo
Agricultural Commissioner
Sealer of Weights and Measures

FIVE YEAR COMPARISON

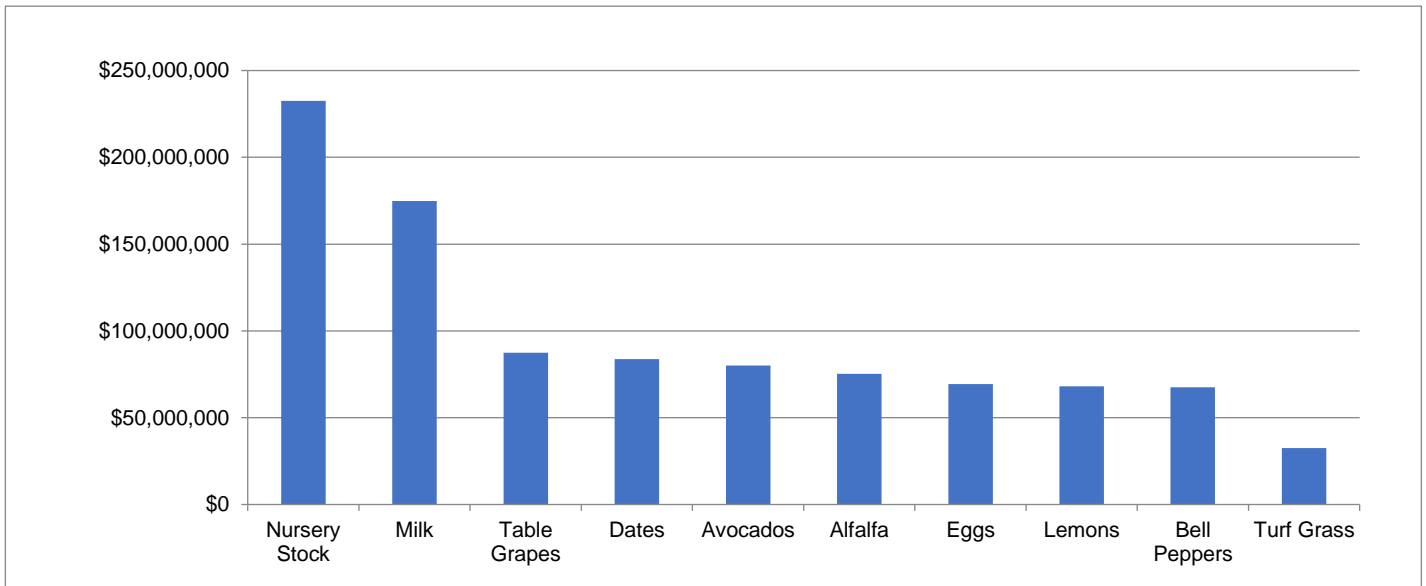
Commodity Group	2017	2018	2019	2020	2021
Citrus	\$177,055,000	\$170,775,000	\$121,934,000	\$126,567,000	\$127,473,000
Tree and Vine	\$228,315,000	\$249,150,000	\$268,368,000	\$282,840,000	\$280,105,000
Vegetable, Melons, Misc.	\$331,986,000	\$371,570,000	\$354,217,000	\$334,440,000	\$324,895,000
Field and Seed	\$99,224,000	\$93,282,000	\$141,652,000	\$156,114,000	\$135,033,000
Nursery	\$153,749,000	\$165,758,000	\$204,768,000	\$247,765,000	\$267,547,000
Apiculture	\$5,415,000	\$5,473,000	\$6,123,000	\$5,858,000	\$5,925,000
Aquaculture	\$4,764,000	\$4,732,000	\$4,776,000	\$4,596,000	\$4,873,000
Livestock and Poultry	\$221,750,000	\$238,468,000	\$219,427,000	\$260,040,000	\$260,059,000
GRAND TOTAL	\$1,222,258,000	\$1,299,208,000	\$1,321,265,000	\$1,418,220,000	\$1,405,910,000

2021 COMMODITY GROUP VALUES



TEN LEADING CROPS FOR 2021

Rank	Crop	Value
1st	Nursery Stock	\$232,560,000
2nd	Milk	\$174,800,000
3rd	Table Grapes	\$87,378,000
4th	Dates	\$83,720,000
5th	Avocados	\$80,100,000
6th	Alfalfa	\$75,312,000
7th	Eggs	\$69,377,000
8th	Lemons	\$68,172,000
9th	Bell Peppers	\$67,500,000
10th	Turf Grass	\$32,500,500



OTHER MILLION DOLLAR COMMODITIES

Crop	Value	Crop	Value	Crop	Value
Lettuce - Head	28,310,000	Cotton	9,927,800	Talapia	3,692,000
Carrots	26,331,000	Bermuda Grass	9,565,140	Cabbage	3,640,000
Broccoli	25,605,600	Okra	7,979,050	Strawberries	3,620,000
Mandarins/Tangerines	24,480,000	Wheat - Grain	7,652,600	Beets	3,465,000
Grapefruit	22,552,500	Alfalfa - Silage	7,488,000	Cotton Seed	3,309,000
Wine Grapes	20,292,188	Mixed Melons	7,450,000	Honeydew melon	3,200,000
Spinach	17,420,000	Celery	7,448,400	Sudan Grass	2,732,400
Artichokes	15,776,595	Romaine Lettuce	6,608,000	Kale	2,565,700
Corn - Sweet	15,374,000	Watermelon	6,050,000	Potatoes	2,375,000
Oriental Vegetables	13,560,000	Eggplant	5,333,125	Chili peppers	2,140,000
Cauliflower	13,267,000	Cantaloupe	5,120,000	Rye Grass	1,683,000
Cattle / Calves	11,500,000	Green Beans	4,792,000	Corn - Silage	1,605,000
Industrial Hemp	11,400,000	Pollination	4,750,000	Lamb and Sheep	1,382,000
Onion - Dry	11,016,000	Spices / Herbs	4,134,000	Squash	1,258,000
Oranges	10,987,600	Tomatoes	3,955,600	Radishes	1,200,000

PRODUCTION VALUATION CHANGES 2020 TO 2021

<u>Crop</u>	<u>2021</u>	<u>2020</u>	<u>Value Change (\$)</u>	<u>Percentage Change</u>
Citrus	127,473,000	126,567,000	906,000	0.7%
Tree and Vine	280,105,000	282,840,000	(2,735,000)	-1.0%
Vegetables	324,895,000	334,440,000	(9,545,000)	-2.9%
Field and Seed	135,033,000	156,114,000	(21,081,000)	-13.5%
Nursery	267,547,000	247,765,000	19,782,000	8.0%
Apiculture	5,925,000	5,858,000	67,000	1.1%
Aquaculture	4,873,000	4,596,000	277,000	6.0%
All Agriculture	1,145,851,000	1,158,180,000	(12,329,000)	-1.1%
Livestock and Poultry	260,059,000	260,040,000	19,000	0.0%
Grand Total	1,405,910,000	1,418,220,000	(12,310,000)	-0.9%

CITRUS CROPS

	Year	Planted Acreage	Harvested Acreage	Production			Value	
				Per Acre	Total	Unit	Per Unit	Total
Grapefruit-Red	2021	2,100	2,100	13.00	27,300	tons	185.00	2,320,500
Grapefruit-Red	2020	2,100	2,100	12.75	62,500	tons	185.00	22,675,000
By-Products	2021	0		2.50	0	tons	60.00	-
Grapefruit-Ruby	2021	3,800	3,800	14.75	56,200	tons	350.00	19,608,000
Grapefruit-Ruby	2020	3,102	2,907	13.00	28,275	tons	325.00	9,189,250
By-Products	2021			2.50	0	tons	0.00	-
Grapefruit-Other	2021	80	80	13.00	1,040	tons	600.00	624,000
Grapefruit-Other	2020	89	89	0.00	1,248	tons	600.00	749,157
By-Products	2021			0.00	0	tons	0.00	-
Lemons	2021	7,800	7,800	9.20	71,760	tons	950.00	68,172,000
Lemons	2020	7,839	7,839	9.15	69,358	tons	950.00	65,890,895
By-Products	2021			0.00	0	tons	94.00	-
Miscellaneous*	2021	1,700	1,700	10.10	17,170	tons	12.00	206,040
Miscellaneous*	2020	1,750	1,750	10.29	0	tons	0.00	190,000
Oranges-Navel	2021	1,300	1,300	14.00	18,200	tons	390.00	7,098,000
Oranges-Navel	2020	1,350	1,350	13.98	3,806	tons	394.09	1,500,000
By-Products	2021			0.00	0	tons	46.00	-
Oranges-Valencia	2021	880	880	10.00	8,800	tons	0.00	3,889,600
Oranges-Valencia	2020	900	900	10.00	9,000	tons	442.00	3,978,000
By-Products	2021			0.00	0	tons	72.00	-
Mandarins / Tangerines	2021	1,600	1,600	9.00	14,400	tons	1,700.00	24,480,000
Mandarins / Tangerines	2020	1,619	1,619	8.90	14,409	tons	1,700.00	21,335,340
By-Products	2021			0.00	0	tons	120.00	-
Tangelos	2021	140	140	8.30	1,162	tons	925.00	1,074,850
Tangelos	2020	140	140	8.22	1,151	tons	920.00	1,058,920
By-Products	2021			0.00	0	tons	120.00	-
TOTAL	2021	19,400	19,400					127,472,990
	2020	18,889	18,694					126,566,562

* Includes: Kumquats, Limes, Blood Oranges.

TREE AND VINE CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Value		
				Per Acre	Total	Unit	Per Unit	Total
Apples	2021	24	22	2.65	58	tons	1,910.00	111,353
	2020	23	22	2.33	51	tons	1,910.00	97,400
Apricots	2021	12	12	2.40	29	tons	1,990.00	57,700
	2020	12	12	2.00	28	tons	1,988.00	55,700
Avocados	2021	3,000	3,000	3.00	0	tons	2,400.00	80,100,000
	2020	3,020	3,020	3.02	0	tons	2,360.00	88,697,400
Cherries	2021	10	10	1.00	10	tons	3,710.00	37,100
	2020	10	10	1.00	10	tons	3,680.00	37,000
Dates	2021	9,500	9,000	0.00	0	tons	2,300.00	83,720,000
 Culls	2021			0.40	0	tons	88.00	300,920
Dates	2020	9,698	9,100	0.00	0	tons	2,200.00	80,080,000
Culls	2020			0.40	0	tons	87.00	297,500
Grapes - Table*	2021	6,500	4,950					87,378,000
(Total)	2020	7,026	5,645					89,388,025
					Listed by Variety below.			
Beauty Seedless	2021	200	180	0.00	1,000	tons	2,340.00	2,340,000
	2020	200	180	0.00	1,032	tons	2,340.00	2,415,323
Scarlet	2021	350	350	5.60	1,960	tons	3,675.00	5,243,000
	2020	400	400	5.60	2,240	tons	2,675.00	5,992,000
Flame Seedless	2021	3,000	3,000	5.06	15,180	tons	2,650.00	40,227,000
	2020	3,200	3,200	0.00	16,203	tons	2,650.00	42,939,072
Sugarone	2021	1,650	1,650	4.50	7,425	tons	3,090.00	22,943,000
	2020	1,765	1,765	0.00	7,664	tons	3,090.00	23,683,582
Green Seedless	2021	100	100	6.00	600	tons	2,500.00	1,500,000
	2020	100	100	6.00	600	tons	2,550.00	1,530,000
Other Varieties	2021	1,300	1,100	5.50	6,050	tons	2,500.00	15,125,000
	2020	1,361	956	0.00	5,131	tons	2,500.00	12,828,048
Grapes - Wine	2021	1,850	1,850	6.75	12,488	tons	1,625.00	20,292,188
	2020	1,740	1,740	0.00	11,692	tons	1,625.00	19,000,000
Miscellaneous**	2021	520	400	12.00	4,800	tons	1,500.00	7,200,000
	2020	511	430	12.00	2,868	tons	1,600.00	4,589,170
Peaches	2021	461	100	8.50	300	tons	290.00	870,000
	2020	461	56	0.00	128	tons	0.00	865,648
Pomegranates	2021	5	5	7.60	38	tons	1,000.00	38,000
	2020	5	4	7.60	30	tons	1,000.00	30,000
TOTAL	2021	21,982	19,349					280,105,261
	2020	22,506	20,995					283,137,843

* 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	2021	1,006	850.00	855,100	tons	18.45	15,776,595
	2020	780	850.00	663,000	tons	18.36	12,172,680
Beans-Green	2021	643	295.00	189,690	tons	25.26	4,792,000
	2020	693	295.00	204,440	tons	25.12	5,136,000
Beets	2021	470	21.12	9,900	tons	350.00	3,465,000
	2020	315	21.12	6,700	tons	350.00	2,325,015
Broccoli	2021	2,845	750.00	2,133,800	tons	12.00	25,605,600
	2020	3,054	750.00	2,290,500	tons	12.00	41,418,175
Cabbage	2021	561	640.00	9,100	tons	40.00	3,640,000
	2020	553	640.00	8,848	tons	40.00	3,595,827
Carrots	2021	4,187	48.00	201,000	tons	131.00	26,331,000
	2020	4,111	48.00	197,000	tons	130.81	25,812,476
Cauliflower	2021	1,382	640.00	884,480	tons	15.00	13,267,000
	2020	1,850	640.00	1,184,000	tons	14.37	17,014,000
Celery	2021	804	772.00	620,700	tons	12.00	7,448,400
	2020	710	772.00	548,100	tons	11.40	6,248,568
Corn-Sweet	2021	2,277	422.00	960,900	tons	16.00	15,374,400
	2020	1,505	422.00	635,100	tons	15.67	9,952,174
Eggplant	2021	265	1,750.00	463,750	tons	11.50	5,333,125
	2020	259	1,750.00	453,250	tons	11.20	5,076,400
Lettuce							
Head	2021	2,980	1,000.00	2,980,000	tons	9.50	28,310,000
	2020	2,381	1,000.00	2,381,000	tons	9.00	21,432,420
Romaine	2021	880	0.00	11,200	tons	590.00	6,608,000
	2020	885	0.00	11,625	tons	590.00	6,854,853
Melons							
Cantaloupe	2021	830	16.00	13,280	tons	273.00	5,120,000
	2020	840	16.00	13,440	tons	272.50	5,376,000
Honeydew	2021	400	16.00	6,400	tons	500.00	3,200,000
	2020	401	16.00	6,400	tons	500.00	3,208,000
Mixed*	2021	930	16.00	14,900	tons	300.00	7,450,000
	2020	926	16.00	14,800	tons	300.00	7,528,000
Watermelon	2021	1,000	16.00	16,000	tons	210.00	6,050,000
	2020	1,111	1,100.00	1,222,100	tons	200.00	6,100,381

* 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**	2021	3,200	11.60	37,100	tons	390.00	8,400,000
	2020	3,124	11.60	36,200	tons	435.50	8,136,846
Okra	2021	1,135	7.40	8,399	tons	950.00	7,979,050
	2020	759	7.40	5,617	tons	960.00	7,189,248
Onion - Dry	2021	5,100	18.00	91,800	tons	120.00	11,016,000
	2020	5,812	18.00	104,616	tons	120.00	21,103,200
Kale	2021	332	5.52	1,832	tons	1,400.00	2,565,700
	2020	316	5.52	1,743	tons	1,391.00	2,425,806
Oriental Vegetables	2021	1,880	12.00	22,600	tons	600.00	13,560,000
	2020	1,808	12.00	21,700	tons	600.00	11,316,600
Bell Peppers	2021	3,700	20.25	74,900	tons	800.00	67,500,000
	2020	3,869	20.25	78,300	tons	732.79	70,512,525
Chili Peppers	2021	131	187.50	24,600	tons	900.00	2,140,000
	2020	94	187.50	17,600	tons	880.00	1,551,000
Potatoes	2021	558	17.00	9,500	tons	250.00	2,375,000
	2020	916	17.00	15,600	tons	245.40	4,107,301
Radishes	2021	110	28.77	3,160	tons	302.00	1,200,000
	2020	161	28.77	4,630	tons	301.77	1,662,216
Spices/Herbs	2021	1,089	7.30	7,950	tons	520.00	4,134,000
	2020	1,152	7.30	8,410	tons	520.00	4,701,152
Spinach	2021	1,578	15.30	24,100	tons	874.00	17,420,000
	2020	1,461	15.30	22,400	tons	873.00	15,254,862
Squash, All	2021	223	8.30	1,850	tons	680.00	1,258,000
	2020	332	8.30	2,760	tons	680.00	1,873,808
Strawberries	2021	91	1.75	1,010	tons	3,583.00	3,620,000
	2020	58	1.75	609	tons	3,583.00	2,182,250
Tomatoes	2021	391	23.00	8,990	tons	440.00	3,955,600
	2020	314	23.00	7,220	tons	440.10	3,172,154
TOTAL	2021	40,978					324,894,470
	2020	40,550					334,439,937

** 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	2021	7,055	4.00	0	tons	0.00	9,927,800
	2020	6,620	4.00	0	tons	0.00	9,315,600
Seed	2021	7,055	2.20	0	tons	251.00	3,309,000
	2020	6,620	2.20	14,600	tons	251.00	3,105,000
Grain							
Oats	2021	850	3.00	0	tons	200.00	355,320
	2020	861	3.00	1,675	tons	200.00	359,919
Wheat	2021	16,636	2.30	38,262	tons	200.00	7,652,600
	2020	23,568	2.30	43,000	tons	200.00	8,278,590
Barley	2021	16	4.00	64	tons	180.00	5,600
	2020	16	4.00	64	tons	180.00	5,544
Hay							
Alfalfa	2021	52,300	8.00	418,400	tons	180.00	75,312,000
	2020	58,906	8.00	471,000	tons	180.00	97,884,640
Bermuda Grass	2021	5,780	8.00	46,200	tons	180.00	9,565,140
	2020	5,832	8.00	46,700	tons	180.00	9,645,120
3-Way	2021	1,080	5.00	5,400	tons	160.00	1,040,000
	2020	1,076	5.00	5,400	tons	160.00	1,030,726
Oats	2021	400	0.00	960	tons	200.00	192,000
	2020	400	0.00	960	tons	200.00	192,000
Sudan	2021	2,765	5.00	13,800	tons	198.00	2,732,400
	2020	2,895	5.00	14,500	tons	195.00	1,777,720
Miscellaneous*	2021	825	14.00	11,550	tons	60.00	693,000
	2020	800	14.00	11,200	tons	60.00	672,000
Industrial Hemp							
Hemp	2021	270	0.70	190	tons	0.00	11,400,000
	2020	260	0.70	180	tons	60000.00	10,800,000

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

FIELD AND SEED CROPS

	Year	Production			Value		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Pasture-Irrigated	2021	1,525			acres	0.00	185,000
	2020	1,414			acres	0.00	183,820
Rangeland	2021	10,000			acres	1.25	12,500
	2020	10,000			acres	1.20	12,000
Silage and Green Chop							
Alfalfa	2021	3,900	8.00	31,200	tons	0.00	7,488,000
	2020	4,138	8.00	33,100	tons	0.00	7,944,960
Corn	2021	780	30.00	36,000	tons	75.00	1,605,000
	2020	775	30.00	34,580	tons	75.00	1,577,685
Oats	2021	530	4.30	2,280	tons	70.00	112,000
	2020	533	4.30	2,290	tons	70.00	108,664
Sorghum	2021	185	23.00	4,300	tons	121.00	530,300
	2020	184	23.00	4,200	tons	119.00	317,000
Rye Grass	2021	1,430	17.80	25,500	tons	66.00	1,683,000
	2020	1,448	17.75	25,700	tons	65.00	1,670,630
Wheat	2021	1,000	14.00	0	tons	88.00	1,232,000
	2020	1,000	14.00	14,000	tons	88.00	1,232,000
TOTAL	2021	114,382					135,032,660
	2020	127,346					156,113,618

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



LIVESTOCK AND POULTRY

	Number Year	Total of Head	Liveweight	Value		Total
				Per Unit	Unit	
Cattle and Calves	2021	14,900	100,000	cwt	115.00	11,500,000
	2020	15,000	100,000	cwt	114.00	11,400,000
Sheep and Lambs	2021	7,900	9,600	cwt	144.00	1,382,000
	2020	8,000	9,600	cwt	146.00	1,402,000
Other*	2021			various		1,300,000
	2020			various		1,200,000
TOTAL	2021					14,182,000
	2020					14,002,000

* Includes Baby Chicks, Chickens, Ducks, Pheasants.

LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Value		Total
				Per Unit	Unit	
Eggs	2021	37,100,000	dozen	1.87		69,377,000
	2020	35,050,000	dozen	1.77		62,038,500
Milk*	2021	9,200,000	cwt	19.00		174,800,000
	2020	9,600,000	cwt	19.00		182,400,000
Other Products**	2021					1,700,000
	2020					1,600,000
TOTAL	2021					245,877,000
	2020					246,038,500

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

**Includes Wool, Manure.

AQUACULTURE

Year	Production	Unit	Value		Total
			Per Unit	Total	
Catfish	2021	162,000	lbs	2.60	421,000
	2020	160,000	lbs	2.50	400,000
Miscellaneous*	2021		various		760,000
	2020		various		708,750
Tilapia	2021	1,420,000	lbs	2.60	3,692,000
	2020	1,395,000	lbs	2.50	3,487,500
Total	2021				4,873,000
	2020				4,596,250

* Includes Goldfish, Koi, Tropical Fish, Bass.

NURSERY STOCK PRODUCTION

	Year	Acres	Value		Total
			Units	Per Unit	
Ornamental Nursery Stock	2021	3,950	0	various	232,560,000
	2020	3,350	0	various	214,577,702
Cut Flowers / Cut Greens	2021	3	0	cuttings	101,430
	2020	3	0	cuttings	99,480
Christmas Trees (cut)	2021	2	0	each	50,000
	2020	0	0	each	-
Turf	2021	2,300	97,400,320	square feet	32,500,500
	2020	2,119	92,303,640	square feet	30,799,883
Farm Planting Stock	2021	152	18,010	various	2,334,700
	2020	152	17,650	various	2,288,031
TOTAL	2021	6,407			267,546,630
	2020	5,624			247,765,096



APICULTURE

	Year	Production	Value		Total
			Per Unit	Unit	
Honey	2021	568,625	lbs	2.00	1,137,000
	2020	563,954	lbs	1.90	1,072,000
Beeswax	2021	12,100	lbs	3.10	37,500
	2020	11,882	lbs	3.00	35,600
Fees Collected for Pollination	2021	25,000	colonies	190.00	4,750,000
	2020	25,000	colonies	190.00	4,750,000
Total Colonies	2021	44,000			
	2020	37,500			
TOTAL	2021				5,924,500
	2020				5,858,000

DISTRICT VALUATIONS - AGRICULTURAL CROPS

District	2017	2018	2019	2020	2021
Riverside/Corona	102,010,000	105,905,000	126,279,000	135,650,000	136,700,000
San Jacinto/Temecula Valley	156,061,000	153,514,000	148,788,000	165,415,000	166,300,000
Coachella Valley	592,337,000	623,805,000	684,911,000	703,250,000	705,310,000
Palo Verde Valley	142,468,000	151,721,000	209,974,510	216,100,000	210,000,000
Total Crop Valuation	992,876,000	1,034,945,000	1,169,953,000	1,220,415,000	1,218,310,000

ACREAGE STATISTICS

Crop	2017	2018	2019	2020	2021
Citrus	16,082	17,333	19,756	18,889	19,400
Tree and Vine	23,405	22,988	21,075	22,506	22,082
Vegetable, Melons, Misc.	39,621	44,287	46,709	40,550	40,978
Field and Seed	102,829	102,829	116,182	127,346	114,382
Nursery	6,082	6,909	5,616	5,624	6,407
Total Planted Acreage	188,019	194,346	209,338	214,915	203,249

TOTAL VALUATION

Crop	2017	2018	2019	2020	2021
Citrus	177,055,000	170,775,000	121,934,000	126,567,000	127,473,000
Tree and Vine	228,315,000	249,150,000	268,368,000	282,840,000	280,105,000
Vegetable, Melons, Misc.	331,986,000	371,570,000	354,217,000	334,440,000	324,895,000
Field and Seed	96,063,000	93,282,000	141,652,000	156,114,000	135,033,000
Nursery	153,749,000	165,758,000	204,768,000	247,765,000	267,547,000
Apiculture	5,415,000	5,473,000	6,123,000	5,858,000	5,925,000
Aquaculture	4,764,000	4,732,000	4,776,000	4,596,000	4,873,000
Total Crop	997,347,000	1,060,740,000	1,101,838,000	1,158,180,000	1,145,851,000
Livestock and Poultry	221,175,000	238,468,000	219,427,000	260,040,000	260,059,000
GRAND TOTAL	1,218,522,000	1,299,208,000	1,321,265,000	1,418,220,000	1,405,910,000



CALIFORNIA'S LEADING AGRICULTURAL COUNTIES BY TOTAL VALUE OF PRODUCTION

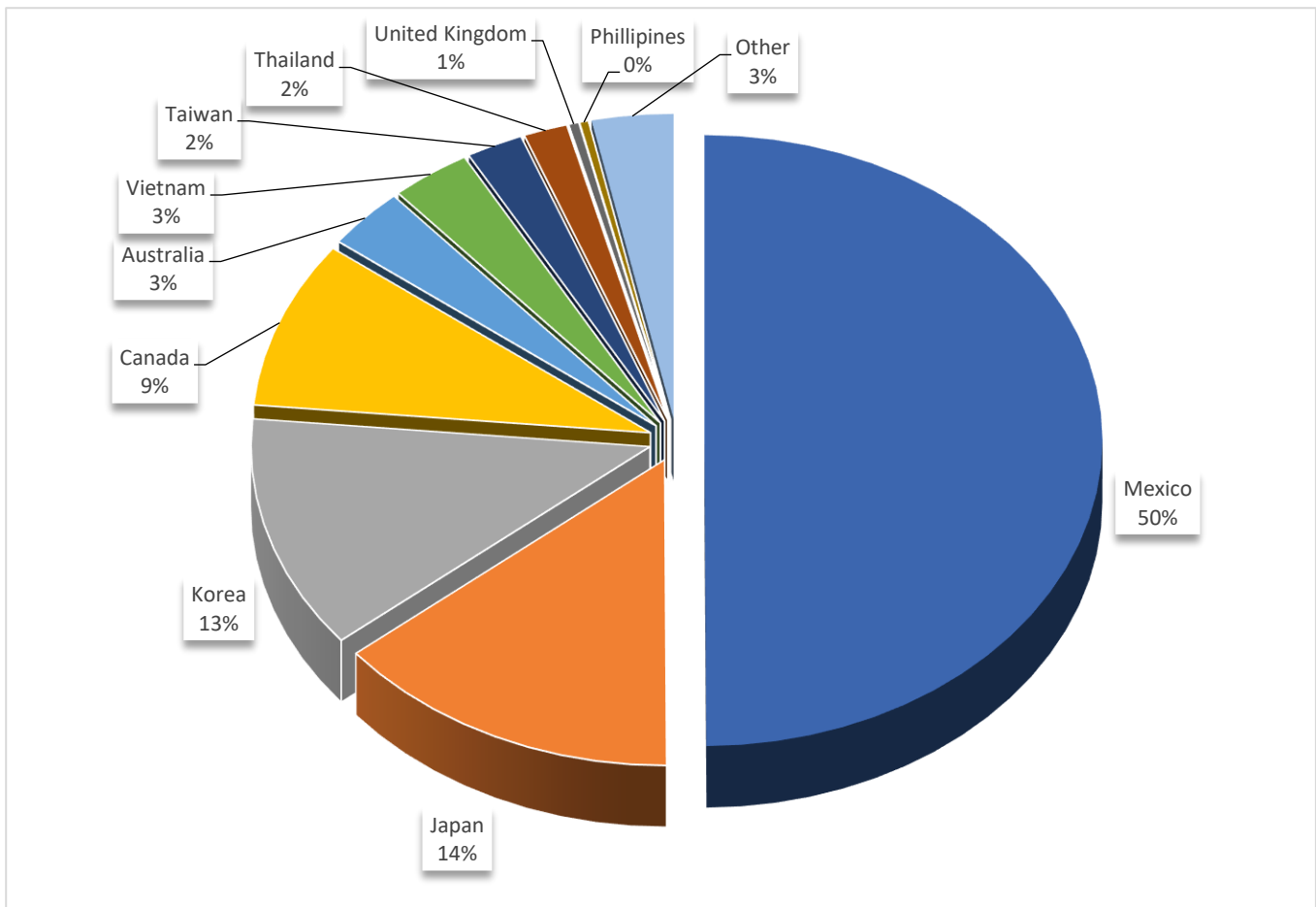
<u>2019</u>			<u>2020</u>		
<u>Rank</u>	<u>County</u>	<u>Value (\$)</u>	<u>Rank</u>	<u>County</u>	<u>Value (\$)</u>
1	Fresno	7,717,906,900	1	Fresno	7,979,650,000
2	Kern	7,620,699,180	2	Kern	7,669,409,070
3	Tulare	7,505,352,100	3	Tulare	7,140,076,500
4	Monterey	4,409,992,000	4	Monterey	3,910,135,000
5	Stanislaus	3,598,404,000	5	Stanislaus	3,476,093,000
6	Merced	3,161,248,000	6	Merced	3,401,610,000
7	San Joaquin	2,617,815,000	7	San Joaquin	3,031,279,000
8	Kings	2,187,693,000	8	Kings	2,179,476,000
9	Imperial	2,015,843,000	9	Imperial	2,026,427,000
10	Madera	2,001,565,000	10	Ventura	1,985,365,000
11	Ventura	1,990,100,000	11	Madera	1,949,532,000
12	San Diego	1,795,528,573	12	Santa Barbara	1,819,198,000
13	Santa Barbara	1,600,146,484	13	San Diego	1,810,326,411
14	Riverside	1,321,265,000	14	Riverside	1,418,220,000

<u>YEAR</u>	<u>VALUE</u>	<u>STATE RANK</u>
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	14
2021	\$1,405,910,000	?

PHYTOSANITARY EXPORT CERTIFICATION - 2021

All Export Countries

Australia	French Polynesia	Netherlands	Spain
Bangladesh	India	New Zealand	Sweden
Canada	Indonesia	Nigeria	Taiwan
China	Japan	Panama	Thailand
Colombia	Korea, Republic of	Peru	United Arab Emirates
Costa Rica	Kuwait	Philippines	United Kingdom
Croatia	Malaysia	Qatar	Vietnam
Ecuador	Maldives	Saudi Arabia	
Fiji	Mexico	Singapore	
France	Montserrat	South Africa	



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

PHYTOSANITARY EXPORT CERTIFICATION - 2021

All Export Commodities

Agave	Celery	Green Onions	Peppers
Anise	Cilantro	Herb Seeds	Plant Rhizomes
Artichokes	Citrus Seed	Kale	Prunes
Avocados	Citrus Budwood	Lemons	Raisins
Avocado Budwood	Corn	Lumber / Wood	Spinach
Basil	Date Palms	Mangos	Strawberries
Broccoli	Dates	Melons	Succulents
Brussel Sprouts	Dill	Monstera Stems	Sweet Corn
Cabbage	Flaxseed	Nursery Stock	Thyme
Cantaloupe	Grapes	Onions	Vegetable Plants
Cauliflower	Grapefruit	Oranges	Vegetable Seeds

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



PEST INTERCEPTIONS - 2021

<u>Scientific Name</u>	<u>Common Name</u>	<u>Pest Rating</u>	<u>Interceptions</u>
<i>Solenopsis invicta</i>	Red Imported Fire Ant	A	21
<i>Diaphorina Citri</i>	Asian Citrus Psyllid	A	2
<i>Ferrisia virgata</i>	Striped Mealybug	A	1
<i>Oxycarenus hyalinipennis</i>	Cotton Seed Bug	A	1
<i>Pseudococcus jackbeardleyi</i>	Jack Beardsley Mealybug	A	1
<i>Euwallacea sp. w/ fusarium</i>	Invasive Shot Hole Borer	B	11
<i>Planococcus peruvianus</i>	Bougainvillea Mealybug	B	10
<i>Colletotrichum spp.</i>	Anthracnose Rot	B	4
<i>Singhiella simplex</i>	Whitefly	B	3
<i>Aonidiella aurantii</i>	California Red Scale	B	1



Polyphagous shot hole borer
(*Euwallacea sp.*)

PEST INTERCEPTIONS - 2021

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 2017 - 2021

<u>Year</u>	<u>Total</u>	<u>A</u>	<u>B</u>	<u>Q</u>
2021	60	26	31	4
2020	63	51	7	5
2019	97	83	14	0
2018	27+	20+	1	6
2017	15	5	3	7

SUSTAINABLE AGRICULTURE - 2021

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	820
Other	51



PEST DETECTION (Exotic Insects)

<u>Pest</u>	<u>Trap Servicing</u>
European Grape Vine Moth	4,100
Invasive shot hole borer	100
European Corn Borer	110
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 sp.</i> (wasp)
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 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 Skeletonizer	<i>Ametadoria harrisinae</i> (parasitoid)
Woolly Whitefly	<i>Apanteles harrisinae</i> (wasp)
	<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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