

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



ITEM: 2.5
(ID # 23327)

MEETING DATE:
Tuesday, December 12, 2023

FROM : AGRICULTURAL COMMISSIONER:

SUBJECT: AGRICULTURAL COMMISSIONER: Receive and File the Riverside County 2022 Annual Agricultural Production Report, All Districts. [\$0]

RECOMMENDED MOTION: That the Board of Supervisors:

Receive and File the Riverside County 2022 Annual Agricultural Production Report.

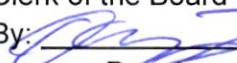
ACTION:Consent

Delia Cioc, Assistant Agricultural Commissioner. 10/16/2023

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Gutierrez, seconded by Supervisor Perez and duly carried by unanimous vote, IT WAS ORDERED that the above matter is received and filed as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Gutierrez
Nays: None
Absent: None
Date: December 12, 2023
xc: Agricultural Commissioner

Kimberly A. Rector
Clerk of the Board
By: 
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ N/A	\$ N/A	\$ N/A	\$ N/A
NET COUNTY COST	\$ N/A	\$ N/A	\$ N/A	\$ N/A
SOURCE OF FUNDS:			Budget Adjustment: N/A	
			For Fiscal Year: N/A	

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

The annual Riverside County Agricultural Production Report is produced in accordance with Section 2279 of the California Department of Food and Agricultural Code and summarizes the acreage, production, and valuation of our county's agricultural commodities. The Agricultural Commissioner is privileged to submit to the Board of Supervisors the 2022 Crop Report.

The gross value of all agricultural crops produced during 2022 in Riverside County is \$1.4 billion dollars. This represents an increase of \$84 million dollars from last year's total value. The largest increase of 19% was seen in Nursery production, followed by Field and Seed production at 18%, while Tree and Vine crops saw a 4% drop in value.

ATTACHMENT: **Annual 2022 Riverside County Agricultural Production Report**


 Jason Farin, Principal Management Analyst 12/5/2023

RIVERSIDE COUNTY

AGRICULTURAL PRODUCTION REPORT

2022



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CONTENTS

1	COMMODITY GROUP VALUES	AGRICULTURAL COMMISSIONER'S OFFICE
2	LEADING COMMODITIES	<u>Agricultural Commissioner / Sealer of Weights and Measures</u>
3	PRODUCTION VALUATION CHANGES 2021 - 2022	Ruben J. Arroyo
4	CITRUS CROPS	<u>Executive Assistant</u> Patrice Wyatt
5	TREE AND VINE CROPS	<u>Assistant Agricultural Commissioner / Sealer of</u>
6 - 7	VEGETABLE, MELON AND MISCELLANEOUS CROPS	<u>Weights and Measures</u> Delia J. Cioc
8 - 9	FIELD AND SEED CROPS	<u>Deputy Agricultural Commissioner / Sealer</u> Daniel Delgado, Erik Downs, Misael Martinez
10	LIVESTOCK AND POULTRY	<u>Supervising Agricultural & Standards Investigaors</u> Kevin Gallego, Steven Triplett, Rudy Valencia, Nicole Martin
10	LIVESTOCK AND POULTRY PRODUCTS	<u>Agricultural & Standards Investigators</u> Abdulrazzaq H. Abdulrazzaq, Tasnia Akbar, Chris Aramouni, Taylor Barthol, Britany Bechtold, Chris Blake, Jasmine Burden, Monica Castellanos, Evelyn Co, Shane Cunningham, Payton Daley, Blake Ferris, Manuel Figueroa, Vanessa Frey, Elliot Garcia, Melissa Gonzalez, Marco Hanna, Stephanie Hernandez, Brian Larson, Daniel Mariscal, Talia Marroquin, Leah Miranda, Edgar Montoya, Hernan Nunez, Steven Olivas, Hans Pfungsten, Katya K Pfungsten, Linnea Postuma, Taylor Price, Weman Reyes, Juanita Rios, Marco Rivera, Ryan Robert, Rochelle Romero, Anayeli Sarabia, Marisol Torres, Michael Valencia, James Wills, Nijea Wyatt, Ron Wymore.
10	AQUACULTURE	
11	NURSERY STOCK PRODUCTION	
11	APICULTURE	
12	DISTRICT VALUATIONS	
13	CALIFORNIA'S LEADING AGRICULTURAL COUNTIES 2016 - 2021	<u>Agricultural Inspectors</u> Juan Montes
13	RIVERSIDE COUNTY AGRICULTUAL PRODUCTION VALUES 2012 - 2021	<u>Support Staff</u> Erica Millan, Cynthia Ramos, Tara Buffington, Elisa Mendoza, Suzanne Tippit
14 - 15	PHYTOSANITARY EXPORT CERTIFICATION SUMMARY	
16 - 17	RIVERSIDE COUNTY PEST INTERCEPTIONS	Cover art courtesy of Agri-Art winner AnnMarie Patterson from La Quinta High School and Grow Coachella
18	SUSTAINABLE AGRICULTURE	



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, District 1, Chairman
Karen Spiegel, District 2
Chuck Washington, District 3
V. Manuel Perez, District 4
Yxstian Gutierrez, District 5

It is my privilege to submit the 2022 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 **\$1,490,459,000**. This total represents an increase of \$84 million (6.0%) from last year's total value. The largest increase (19%) was seen in nursery production followed by Field and Seed (18%) while Tree and Vine crops saw a 4% 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.

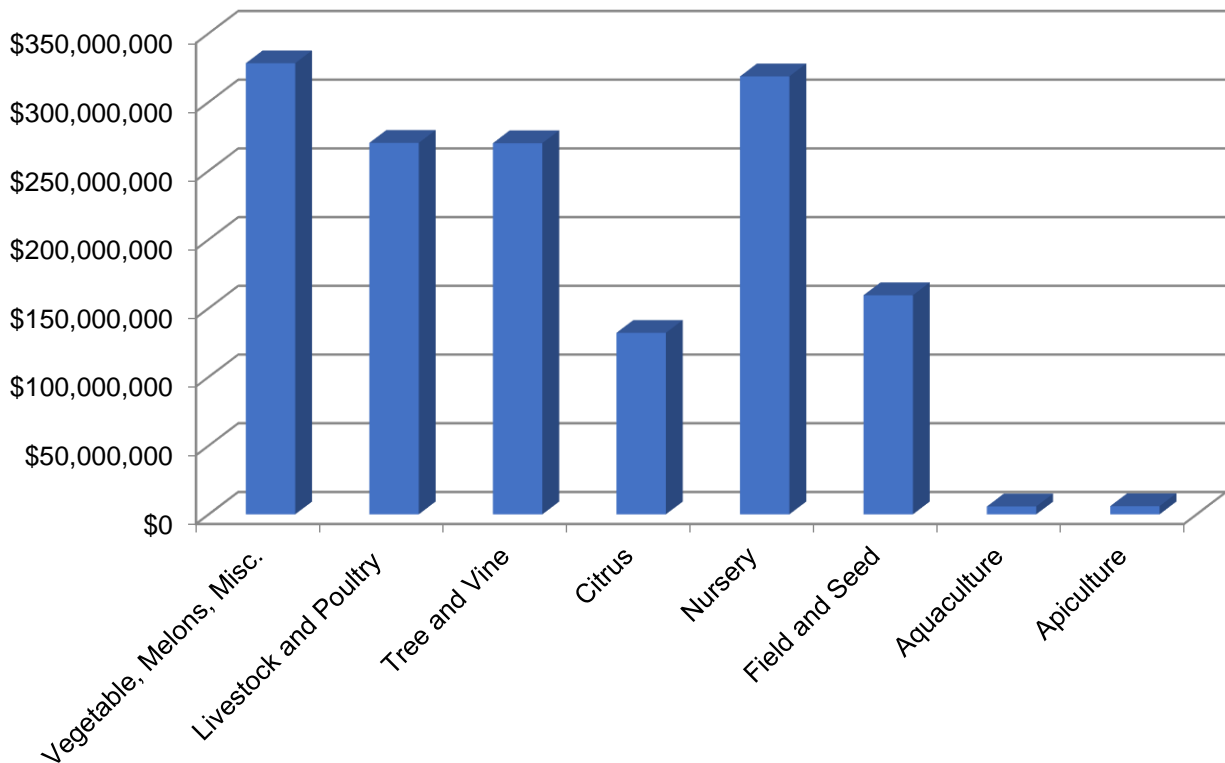
Respectfully submitted,

Ruben J. Arroyo
Agricultural Commissioner
Sealer of Weights and Measures

FIVE YEAR COMPARISON

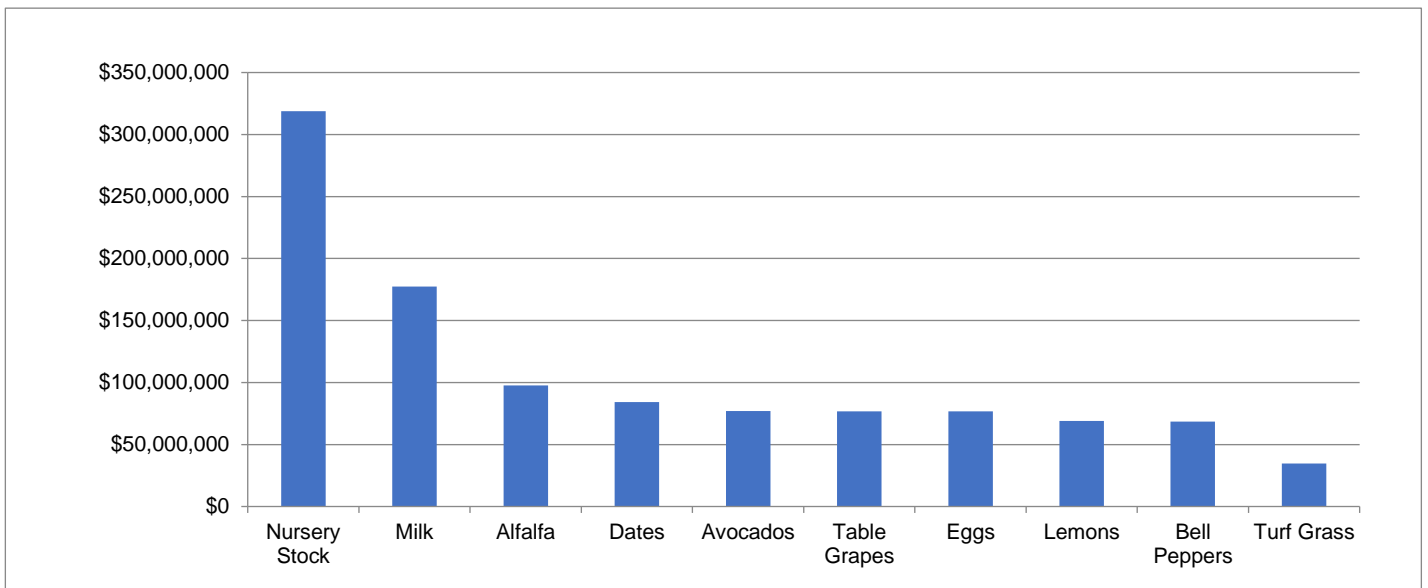
Commodity Group	2018	2019	2020	2021	2022
Citrus	\$170,775,000	\$121,934,000	\$126,567,000	\$127,473,000	\$132,062,000
Tree and Vine	\$249,150,000	\$268,368,000	\$282,840,000	\$280,105,000	\$270,078,000
Vegetable, Melons, Misc.	\$371,570,000	\$354,217,000	\$334,440,000	\$324,895,000	\$328,236,000
Field and Seed	\$93,282,000	\$141,652,000	\$156,114,000	\$135,033,000	\$159,419,000
Nursery	\$165,758,000	\$204,768,000	\$247,765,000	\$267,547,000	\$318,683,000
Apiculture	\$5,473,000	\$6,123,000	\$5,858,000	\$5,925,000	\$5,950,000
Aquaculture	\$4,732,000	\$4,776,000	\$4,596,000	\$4,873,000	\$5,749,000
Livestock and Poultry	\$238,468,000	\$219,427,000	\$260,040,000	\$260,059,000	\$270,282,000
GRAND TOTAL	\$1,299,208,000	\$1,321,265,000	\$1,418,220,000	\$1,405,910,000	\$1,490,459,000

2022 COMMODITY GROUP VALUES



TEN LEADING CROPS FOR 2022

Rank	Crop	Value
1st	Nursery Stock	\$318,683,000
2nd	Milk	\$177,450,000
3rd	Alfalfa	\$97,690,000
4th	Dates	\$84,100,000
5th	Avocados	\$77,000,000
6th	Table Grapes	\$76,846,000
7th	Eggs	\$76,830,000
8th	Lemons	\$68,890,000
9th	Bell Peppers	\$68,391,000
10th	Turf Grass	\$34,700,000



OTHER MILLION DOLLAR COMMODITIES

Crop	Value	Crop	Value	Crop	Value
Lettuce - Head	28,608,000	Celery	10,672,000	Cabbage	3,749,000
Carrots	26,366,000	Cauliflower	9,879,000	Beets	3,525,000
Grapefruit	25,750,000	Bermuda Grass	8,208,000	Cotton Seed	3,513,000
Broccoli	25,213,000	Okra	8,193,000	Green Beans	3,405,000
Mandarins/Tangerines	24,624,000	Wheat - Grain	7,450,000	Watermelon	3,312,000
Wine Grapes	23,057,100	Romaine Lettuce	7,434,000	Honeydew melon	3,300,000
Spinach	20,865,000	Strawberries	5,469,000	Sudan Grass	2,740,000
Cotton	19,400,000	Eggplant	4,974,000	Kale	2,562,000
Artichokes	15,057,000	Chili peppers	4,797,000	Potatoes	2,338,000
Oriental Vegetables	13,680,000	Pollination	4,775,000	Industrial Hemp	2,000,000
Corn - Sweet	12,870,000	Talapia	4,480,000	Rye Grass	1,771,000
Cattle / Calves	11,600,000	Mixed Melons	4,464,000	Corn - Silage	1,425,000
Oranges	11,350,000	Spices / Herbs	4,127,000	Sheep and Lambs	1,372,000
Onion - Dry	11,116,000	Tomatoes	4,091,000	Wheat	1,251,000
Alfalfa - Silage	10,758,000	Cantaloupe	3,811,000	Squash	1,183,000

PRODUCTION VALUATION CHANGES 2021 TO 2022

<u>Crop</u>	<u>2022</u>	<u>2021</u>	<u>Value Change (\$)</u>	<u>Percentage Change</u>
Citrus	132,062,000	127,473,000	4,589,000	3.6%
Tree and Vine	270,078,000	280,105,000	(10,027,000)	-3.6%
Vegetables	328,236,000	324,895,000	3,341,000	1.0%
Field and Seed	159,419,000	135,033,000	24,386,000	18.1%
Nursery	318,683,000	267,547,000	51,136,000	19.1%
Apiculture	5,950,000	5,925,000	25,000	0.4%
Aquaculture	5,749,000	4,873,000	876,000	18.0%
All Agriculture	1,220,177,000	1,145,851,000	74,326,000	6.5%
Livestock and Poultry	270,282,000	260,059,000	10,223,000	3.9%
Grand Total	1,490,459,000	1,405,910,000	84,549,000	6.0%



CITRUS CROPS

	Year	Planted Acreage	Harvested Acreage	Production			Value	
				Per Acre	Total	Unit	Per Unit	Total
Grapefruit-Red	2022	2,100	2,100	13.00	27,300	tons	185.00	5,050,500
Grapefruit-Red	2021	2,100	2,100	13.00	12,545	tons	185.00	2,320,500
By-Products	2022	0		2.50	0	tons	60.00	-
Grapefruit-Ruby	2022	4,000	3,790	14.75	55,902	tons	360.00	20,100,000
Grapefruit-Ruby	2021	3,800	3,800	14.75	56,200	tons	349.00	19,608,000
By-Products	2022			2.50	0	tons	0.00	-
Grapefruit-Other	2022	80	80	13.00	1,040	tons	610.00	634,400
Grapefruit-Other	2021	80	80	13.00	1,040	tons	600.00	624,000
By-Products	2022			0.00	0	tons	0.00	-
Lemons	2022	7,800	7,800	9.20	71,760	tons	960.00	68,889,600
Lemons	2021	7,800	7,800	9.20	71,760	tons	950.00	68,172,000
By-Products	2022			0.00	0	tons	98.00	-
Miscellaneous*	2022	1,720	1,700	10.10	17,170	tons	13.00	223,210
Miscellaneous*	2021	1,700	1,700	10.10	17,170	tons	12.00	206,040
Oranges-Navel	2022	1,300	1,300	14.00	18,200	tons	395.00	7,189,000
Oranges-Navel	2021	1,300	1,300	14.00	18,200	tons	390.00	7,098,000
By-Products	2022			0.00	0	tons	46.00	-
Oranges-Valencia	2022	870	870	10.00	8,700	tons	482.00	4,193,400
Oranges-Valencia	2021	880	880	10.00	8,800	tons	442.00	3,889,600
By-Products	2022			0.00	0	tons	72.00	-
Mandarins / Tangerines	2022	1,600	1,600	9.00	14,400	tons	1,710.00	24,624,000
Mandarins / Tangerines	2021	1,600	1,600	9.00	14,400	tons	1,700.00	24,480,000
By-Products	2022			0.00	0	tons	120.00	-
Tangelos	2022	150	150	8.30	1,245	tons	930.00	1,157,850
Tangelos	2021	140	140	8.30	1,162	tons	925.00	1,074,850
By-Products	2022			0.00	0	tons	120.00	-
TOTAL	2022	19,620	19,390					132,061,960
	2021	19,400	19,400					127,472,990

* Includes: Kumquats, Limes, Blood Oranges.

*Some 2021 production and unit price numbers have been amended due to reporting errors

TREE AND VINE CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
Apples	2022	24	22	2.65	58	tons	1,982.00	115,000
	2021	24	22	2.65	58	tons	1,910.00	111,353
Apricots	2022	12	12	2.40	29	tons	1,990.00	57,700
	2021	12	12	2.40	29	tons	1,990.00	57,700
Avocados	2022	3,211	3,211	5.70	18,333	tons	4,200.00	77,000,000
	2021	3,000	3,000	3.00	0	tons	2,400.00	80,100,000
Cherries	2022	10	10	1.00	10	tons	3,800.00	38,000
	2021	10	10	1.00	10	tons	3,710.00	37,100
Dates	2022	9,600	9,100	0.40	0	tons	2,350.00	84,100,000
Culls	2022			0.40	0	tons	90.00	340,000
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
Grapes - Table*	2021	6,500	5,480					76,846,300
(Total)	2020	7,026	5,645					87,378,000
								Listed by Variety below.
Beauty Seedless	2022	200	180	0.00	1,000	tons	2,350.00	2,350,000
	2021	200	180	0.00	1,000	tons	2,340.00	2,340,000
Scarlet	2022	300	300	5.60	1,960	tons	3,680.00	7,212,800
	2021	350	350	5.60	1,960	tons	3,675.00	5,243,000
Flame Seedless	2022	3,600	2,600	5.60	15,180	tons	2,400.00	36,432,000
	2021	3,000	3,000	5.06	15,180	tons	2,650.00	40,227,000
Sugarone	2022	1,400	1,400	4.70	7,430	tons	3,050.00	22,661,500
	2021	1,650	1,650	4.50	7,425	tons	3,090.00	22,943,000
Green Seedless	2022	100	100	6.00	600	tons	2,400.00	1,440,000
	2021	100	100	6.00	600	tons	2,500.00	1,500,000
Other Varieties	2022	900	900	3.00	2,700	tons	2,500.00	6,750,000
	2021	1,300	1,100	5.50	6,050	tons	2,500.00	15,125,000
Grapes - Wine	2022	1,980	1,980	6.85	13,563	tons	1,700.00	23,057,100
	2021	1,850	1,850	6.75	12,488	tons	1,625.00	20,292,188
Miscellaneous**	2022	530	450	12.00	5,000	tons	1,500.00	7,500,000
	2021	520	400	12.00	4,800	tons	1,500.00	7,200,000
Peaches	2022	475	400	8.50	3,400	tons	290.00	986,000
	2021	461	100	8.50	3,000	tons	290.00	870,000
Pomegranates	2022	5	5	7.60	38	tons	1,000.00	38,000
	2021	5	5	7.60	38	tons	1,000.00	38,000
TOTAL	2022	22,347	20,670					270,078,100
	2021	21,982	20,779					280,105,261

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

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

*Some 2021 production and unit price numbers have been amended due to reporting errors

VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Artichokes	2022	1,010	7.10	7,170	tons	2100.00	15,057,000
	2021	1,006	850.00	855,100	tons	18.45	15,776,595
Beans-Green	2022	640	5.60	3,580	tons	951.00	3,405,000
	2021	643	295.00	189,690	tons	25.26	4,792,000
Beets	2022	475	21.20	10,070	tons	350.00	3,525,000
	2021	470	21.12	9,900	tons	350.00	3,465,000
Broccoli	2022	2,840	9.50	26,980	tons	934.50	25,213,000
	2021	2,845	750.00	2,133,800	tons	12.00	25,605,600
Cabbage	2022	565	13.00	7,350	tons	510.00	3,749,000
	2021	561	640.00	9,100	tons	40.00	3,640,000
Carrots	2022	4,185	42.00	175,770	tons	150.00	26,366,000
	2021	4,187	48.00	201,000	tons	131.00	26,331,000
Cauliflower	2022	1,380	9.30	12,830	tons	770.00	9,879,000
	2021	1,382	640.00	884,480	tons	15.00	13,267,000
Celery	2022	810	31.00	25,110	tons	425.00	10,672,000
	2021	804	772.00	620,700	tons	12.00	7,448,400
Corn-Sweet	2022	2,251	11.10	24,990	tons	515.00	12,870,000
	2021	2,277	422.00	960,900	tons	16.00	15,374,400
Eggplant	2022	295	19.50	5,750	tons	865.00	4,974,000
	2021	265	1,750.00	463,750	tons	11.50	5,333,125
Lettuce							
Head	2022	2,980	600.00	1,788,000	tons	16.00	28,608,000
	2021	2,980	1,000.00	2,980,000	tons	9.50	28,310,000
Romaine	2022	900	14.00	12,600	tons	590.00	7,434,000
	2021	880	0.00	11,200	tons	590.00	6,608,000
Melons							
Cantaloupe	2022	825	16.50	13,610	tons	280.00	3,811,000
	2021	830	16.00	13,280	tons	273.00	5,120,000
Honeydew	2022	400	16.50	6,600	tons	500.00	3,300,000
	2021	400	16.00	6,400	tons	500.00	3,200,000
Mixed*	2022	930	16.00	14,880	tons	300.00	4,464,000
	2021	930	16.00	14,900	tons	300.00	7,450,000
Watermelon	2022	900	16.00	14,400	tons	230.00	3,312,000
	2021	1,000	16.00	16,000	tons	210.00	6,050,000

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

*Some 2021 production and unit price numbers have been amended due to reporting errors

VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Miscellaneous**	2022	3,200	11.20	35,840	tons	385.00	13,798,000
	2021	3,200	11.60	21,538	tons	390.00	8,400,000
Okra	2022	1,100	7.60	8,360	tons	980.00	8,193,000
	2021	1,135	7.40	8,399	tons	950.00	7,979,050
Onion - Dry	2022	4,090	21.00	85,890	tons	130.00	11,166,000
	2021	5,100	18.00	91,800	tons	120.00	11,016,000
Kale	2022	330	5.55	1,830	tons	1400.00	2,562,000
	2021	332	5.52	1,832	tons	1,400.00	2,565,700
Oriental Vegetables	2022	1,900	12.00	22,800	tons	600.00	13,680,000
	2021	1,880	12.00	22,600	tons	600.00	13,560,000
Bell Peppers	2022	3,600	22.35	80,460	tons	850.00	68,391,000
	2021	3,700	20.25	84,375	tons	800.00	67,500,000
Chili Peppers	2022	130	41.00	5,330	tons	900.00	4,797,000
	2021	131	187.50	2,378	tons	900.00	2,140,000
Potatoes	2022	550	17.00	9,350	tons	250.00	2,338,000
	2021	558	17.00	9,500	tons	250.00	2,375,000
Radishes	2022	110	33.83	3,720	tons	252.00	937,000
	2021	110	28.77	3,973	tons	302.00	1,200,000
Spices/Herbs	2022	1,080	7.28	7,860	tons	525.00	4,127,000
	2021	1,089	7.30	7,950	tons	520.00	4,134,000
Spinach	2022	1,570	15.10	23,710	tons	880.00	20,865,000
	2021	1,578	15.30	19,930	tons	874.00	17,420,000
Squash, All	2022	220	8.25	1,820	tons	650.00	1,183,000
	2021	223	8.30	1,850	tons	680.00	1,258,000
Strawberries	2022	90	18.00	1,620	tons	3376.00	5,469,000
	2021	91	1.75	1,010	tons	3,583.00	3,620,000
Tomatoes	2022	395	23.00	9,090	tons	450.00	4,091,000
	2021	391	23.00	8,990	tons	440.00	3,955,600
TOTAL	2022	39,751					328,236,000
	2021	40,978					324,894,470

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

*Some 2021 production and unit price numbers have been amended due to reporting errors



FIELD AND SEED CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Cotton							
Short Staple	2022	6,690	1.45	9,700	tons	2000.00	19,400,000
	2021	7,055	4.00	0	tons	0.00	9,927,800
Seed	2022	6,690	2.10	14,050	tons	250.00	3,513,000
	2021	7,055	2.20	0	tons	251.00	3,309,000
Grain							
Oats	2022	850	3.00	2,550	tons	200.00	510,000
	2021	850	3.00	0	tons	200.00	355,320
Wheat	2022	15,800	2.30	36,340	tons	205.00	7,450,000
	2021	16,636	2.30	38,262	tons	200.00	7,652,600
Barley	2022	16	4.00	60	tons	190.00	11,000
	2021	16	4.00	31	tons	180.00	5,600
Hay							
Alfalfa	2022	38,400	8.00	307,200	tons	318.00	97,690,000
	2021	52,300	8.00	418,400	tons	180.00	75,312,000
Bermuda Grass	2022	5,700	8.00	45,600	tons	180.00	8,208,000
	2021	5,780	8.00	53,140	tons	180.00	9,565,140
3-Way	2022	1,050	5.00	5,250	tons	160.00	840,000
	2021	1,080	5.00	5,400	tons	160.00	1,040,000
Oats	2022	400	6.00	2,400	tons	200.00	480,000
	2021	400	0.00	960	tons	200.00	192,000
Sudan	2022	2,740	5.00	13,700	tons	200.00	2,740,000
	2021	2,765	5.00	13,800	tons	198.00	2,732,400
Miscellaneous*	2022	820	14.00	11,480	tons	65.00	746,000
	2021	825	14.00	11,550	tons	60.00	693,000
Industrial Hemp							
Hemp	2022	40	0.70	30	tons		2,000,000
	2021	270	0.70	190	tons	0.00	11,400,000

* Includes: Barley, Triticale, Rye Grass

*Some 2021 production and unit price numbers have been amended due to reporting errors

FIELD AND SEED CROPS

	Year	Production			Value		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Pasture-Irrigated	2022	1,525			tons	150.00	190,000
	2021	1,525			acres	0.00	185,000
Rangeland	2022	10,000			acres	1.30	13,000
	2021	10,000			acres	1.25	12,500
Silage and Green Chop							
Alfalfa	2022	4,138	8.00	33,100	tons	325.00	10,758,000
	2021	3,900	8.00	31,200	tons	0.00	7,488,000
Corn	2022	750	25.33	19,000	tons	75.00	1,425,000
	2021	780	30.00	21,400	tons	75.00	1,605,000
Oats	2022	533	4.30	2,300	tons	47.00	108,000
	2021	530	4.30	1,600	tons	70.00	112,000
Sorghum	2022	184	23.00	4,200	tons	75.00	315,000
	2021	185	23.00	4,382	tons	121.00	530,300
Rye Grass	2022	1,420	17.80	25,300	tons	70.00	1,771,000
	2021	1,430	17.80	25,500	tons	66.00	1,683,000
Wheat	2022	990	14.00	13,900	tons	90.00	1,251,000
	2021	1,000	14.00	0	tons	88.00	1,232,000
TOTAL	2022	96,246					159,419,000
	2021	114,382					135,032,660

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

*Some 2021 production and unit numbers have been amended due to reporting errors



LIVESTOCK AND POULTRY

	Number Year	Total of Head	Liveweight	Value		Total
				Per Unit	Unit	
Cattle and Calves	2022	14,800	100,000	cwt	116.00	11,600,000
	2021	14,900	100,000	cwt	115.00	11,500,000
Sheep and Lambs	2022	7,800	9,400	cwt	146.00	1,372,000
	2021	7,900	9,600	cwt	144.00	1,382,000
Other*	2022			various		1,280,000
	2021			various		1,300,000
TOTAL	2022					14,252,000
	2021					14,182,000

* Includes Baby Chicks, Chickens, Ducks, Pheasants.

LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Value		Total
				Per Unit	Unit	
Eggs	2022	39,000,000	dozen	1.97		76,830,000
	2021	37,100,000	dozen	1.87		69,377,000
Milk*	2022	9,100,000	cwt	19.50		177,450,000
	2021	9,200,000	cwt	19.00		174,800,000
Other Products**	2022					1,750,000
	2021					1,700,000
TOTAL	2022					256,030,000
	2021					245,877,000

*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	2022	170,000	lbs	2.70	459,000
	2021	162,000	lbs	2.60	421,000
Miscellaneous*	2022		various		810,000
	2021		various		760,000
Tilapia	2022	1,600,000	lbs	2.80	4,480,000
	2021	1,420,000	lbs	2.60	3,692,000
Total	2022				5,749,000
	2021				4,873,000

* Includes Goldfish, Koi, Tropical Fish, Bass.

*Some 2021 production and unit price numbers have been amended due to reporting errors

NURSERY STOCK PRODUCTION

	Year	Acres	Value		Total
			Units	Per Unit	
Ornamental Nursery Stock	2022	3,980		various	281,500,000
	2021	3,950	0	various	232,560,000
Cut Flowers / Cut Greens	2022	4		cuttings	102,500
	2021	3	0	cuttings	101,430
Christmas Trees (cut)	2022	2	0	each	50,000
	2021	2	0	each	50,000
Turf	2022	2,300	98,500,000	square feet	34,700,000
	2021	2,300	97,400,320	square feet	32,500,500
Farm Planting Stock	2022	150	18,000	various	2,330,000
	2021	152	18,010	various	2,334,700
TOTAL	2022	6,436			318,682,500
	2021	6,407			267,546,630



APICULTURE

	Year	Production	Value		Total
			Per Unit	Unit	
Honey	2022	568,625	lbs	2.00	1,137,000
	2021	568,625	lbs	2.00	1,137,000
Beeswax	2022	12,100	lbs	3.15	38,100
	2021	12,100	lbs	3.10	37,500
Fees Collected for Pollination	2022	25,000	colonies	191.00	4,775,000
	2021	25,000	colonies	190.00	4,750,000
Total Colonies	2022	44,000			
	2021	44,000			
TOTAL	2022				5,950,100
	2021				5,925,000

DISTRICT VALUATIONS - AGRICULTURAL CROPS

District	2018	2019	2020	2021	2022
Riverside/Corona	105,905,000	126,279,000	135,650,000	136,700,000	137,200,000
San Jacinto/Temecula Valley	153,514,000	148,788,000	165,415,000	166,300,000	167,400,000
Coachella Valley	623,805,000	684,911,000	703,250,000	705,310,000	707,100,000
Palo Verde Valley	151,721,000	209,974,510	216,100,000	210,000,000	214,000,000
Total Crop Valuation	1,034,945,000	1,169,952,510	1,169,953,000	1,218,310,000	1,225,700,000

ACREAGE STATISTICS

Crop	2018	2019	2020	2021	2022
Citrus	17,333	19,756	18,889	19,400	19,390
Tree and Vine	22,988	21,075	22,506	21,982	20,870
Vegetable, Melons, Misc.	44,287	46,709	40,550	40,978	39,751
Field and Seed	102,829	116,182	127,346	114,382	96,246
Nursery	6,909	5,616	5,624	6,407	6,436
Total Planted Acreage	194,346	209,338	214,915	203,149	182,693

TOTAL VALUATION

Crop	2018	2019	2020	2021	2022
Citrus	170,775,000	121,934,000	126,567,000	127,473,000	132,062,000
Tree and Vine	249,150,000	268,368,000	282,840,000	280,105,000	270,078,000
Vegetable, Melons, Misc.	371,570,000	354,217,000	334,440,000	324,895,000	328,236,000
Field and Seed	93,282,000	141,652,000	156,114,000	135,033,000	159,419,000
Nursery	165,758,000	204,768,000	247,765,000	267,547,000	318,683,000
Apiculture	5,473,000	6,123,000	5,858,000	5,925,000	5,950,000
Aquaculture	4,732,000	4,776,000	4,596,000	4,873,000	5,749,000
Total Crop	1,060,740,000	1,101,838,000	1,158,180,000	1,145,851,000	1,220,177,000
Livestock and Poultry	238,468,000	219,427,000	260,040,000	260,059,000	270,282,000
GRAND TOTAL	1,299,208,000	1,321,265,000	1,418,220,000	1,405,910,000	1,490,459,000



CALIFORNIA'S LEADING AGRICULTURAL COUNTIES BY TOTAL VALUE OF PRODUCTION

<u>2021</u>			<u>2020</u>		
<u>Rank</u>	<u>County</u>	<u>Value (\$)</u>	<u>Rank</u>	<u>County</u>	<u>Value (\$)</u>
1	Kern	8,341,294,840	1	Fresno	7,979,650,000
2	Tulare	8,089,621,300	2	Kern	7,669,409,070
3	Fresno	8,086,000,000	3	Tulare	7,140,076,500
4	Monterey	4,100,240,000	4	Monterey	3,910,135,000
5	Merced	3,724,451,000	5	Stanislaus	3,476,093,000
6	Stanislaus	3,545,672,000	6	Merced	3,401,610,000
7	San Joaquin	3,193,234,000	7	San Joaquin	3,031,279,000
8	Kings	2,343,144,000	8	Kings	2,179,476,000
9	Imperial	2,287,312,000	9	Imperial	2,026,427,000
10	Ventura	2,085,999,000	10	Ventura	1,985,365,000
11	Madera	2,045,495,000	11	Madera	1,949,532,000
12	Santa Barbara	1,918,186,000	12	Santa Barbara	1,819,198,000
13	San Diego	1,752,999,086	13	San Diego	1,810,326,411
14	Riverside	1,405,910,000	14	Riverside	1,418,220,000

YEAR

VALUE

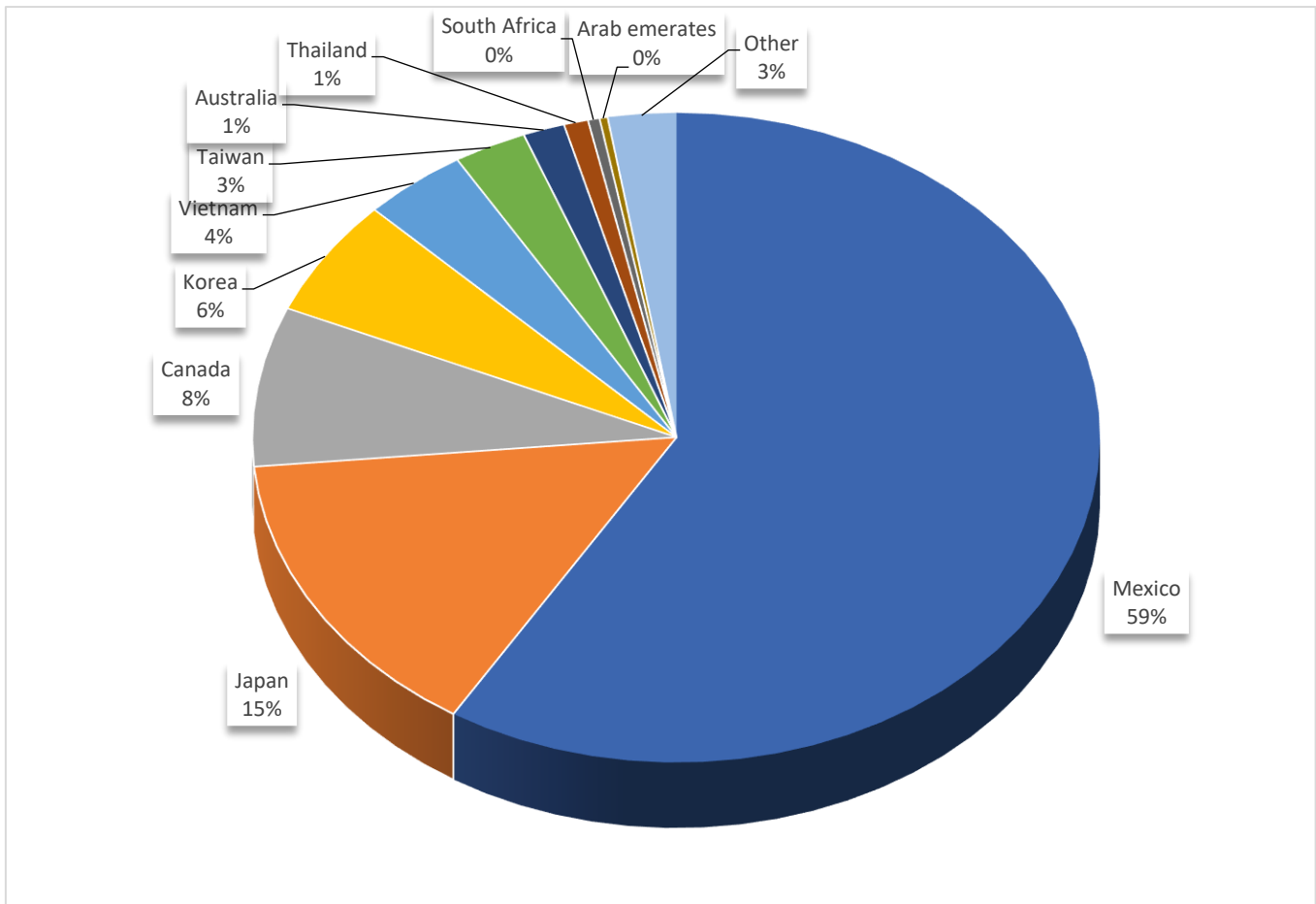
STATE RANK

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	14
2022	\$1,490,459,000	?

PHYTOSANITARY EXPORT CERTIFICATION - 2022

All Export Countries

Australia	Costa Rica	Monserat	Sweden
Bengladesh	Croatia	Mozambique	Switzerland
Barbados	Dominican Republic	Netherlands	Taiwan
Benin	Ecuador	New Zealand	Thailand
Bermuda	Fiji	Nigeria	Republic of Korea
Cambodia	France	Panama	Uganda
Canada	French Polynesia	Phillippines	United Arab Emerates
Chile	Japan	Qatar	United Kingdom
China	Malaysia	South Africa	Viet Nam
Columbia	Mexico	Spain	



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

PHYTOSANITARY EXPORT CERTIFICATION - 2022

All Export Commodities

Agave	Celery	Leeks	Peppers
Aloe	Cherry	Lemons	Pummelos
Apples	Cilantro	Lettuce	Rice
Avocados	Citrus Budwood	Lumber / Wood	Romaine
Avocado Budwood	Date Palms	Mandarins	Shallots
Basil	Dates	Mangos	Spinach
Blackberries	Flaxseed	Mixed Vegetables	Strawberries
Bok Choy	Grapes	Nectarines	Sweet Corn
Brussels Sprouts	Grapefruit	Oranges	Tangelos
Cabbage	Green Onions	Parsley	Tangerines
Carrot	Kale	Peaches	Thyme
Cauliflower	Kumquats	Pears	Vegetable seeds

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



PEST INTERCEPTIONS - 2022

<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>Diaphorina Citri</i>	Asian Citrus Psyllid	A	3
<i>Ripersiella Hibisci</i>	Root Mealybug	A	2
<i>Pomacea canaliculata</i>	Channeled Apple Snail	A	1
<i>Maconellicoccus hirsutus</i>	Pink Hibiscus Mealybug	A	1
<i>Planococcus peruvianus</i>	Bougainvillea Mealybug	B	6
<i>Pulvinaria urbicola</i>	Urban Soft Scale	B	1
<i>Bradybaena similaris</i>	Asian Trampsnail	B	1
<i>Aonidiella aurantii</i>	California Red Scale	B	1
<i>Neobarrettia spinosa</i>	Arid-Land Katydid	Q	1
<i>Psamatodes abydata</i>	Dot-Lined Angle Moth	Q	1



Polyphagous shot hole borer
(*Euwallacea sp.*)

PEST INTERCEPTIONS - 2022

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 2018 - 2022

<u>Year</u>	<u>Total</u>	<u>A</u>	<u>B</u>	<u>Q</u>
2022	48	37	9	2
2021	60	26	31	4
2020	63	51	7	5
2019	97	83	14	0
2018	27+	20+	1	6

SUSTAINABLE AGRICULTURE - 2022

ORGANIC FARMING

214

PEST DETECTION (Commercial and Urban)

<u>Activity</u>	<u>Hours</u>
Commercial Crops	4
Public Contact	38
Special Surveys:	
Red Imported Fire Ant	960
Other	300



PEST DETECTION (Exotic Insects)

<u>Pest</u>	<u>Trap Servicing</u>
European Grape Vine Moth	3,600
Invasive shot hole borer	350
European Corn Borer	120
Khapra Beetle	200
Gypsy Moth	50

Pest Exclusion (Incoming plant shipments)

<u>Units Profiled</u>	<u>Units inspected</u>	<u>Rejections</u>
2350	1382	16

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>Eucarisa 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>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. 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 Spider Mite	<i>Phytoseiulus persimilis</i> (mite)
Vine Mealybug	<i>Galendromus occidentalis</i> (mite)
	<i>Cryptolaemus montrouzieri</i> (beetle)
Western Grapeleaf Skeletonizer	<i>Ametadoria harrisinae</i> (parasitoid)
Woolly Whitefly	<i>Apanteles harrisinae</i> (wasp)
	<i>Amitus spiniferus</i> (parasitiod)
	<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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