

# **RIVERSIDE COUNTY**

## **AGRICULTURAL PRODUCTION REPORT**

### **2023**



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

It is my privilege to submit the 2023 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 2023 in Riverside County is **\$1,540,340,000**. This total represents an increase of \$50 million (3.3%) from last year's total value. The largest increase (17.2%) was seen in aquaculture followed by apiculture (16.3%) while livestock and poultry saw a 31.5% drop in value due to a re-assessment of the cattle and dairy production. Once again, in 2023, vegetables, melons, and other miscellaneous crops held the top spot as the number one agricultural category, with a gross production value of \$378 million dollars, a 15.3% increase from the previous year. Nursery maintained its place as the second leading most valuable crop at \$358 million dollars and reported an increase of 12.4% from 2022. Tree and Vine took the third spot at \$299 million dollars reporting a 10.6% gain over last year.

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.

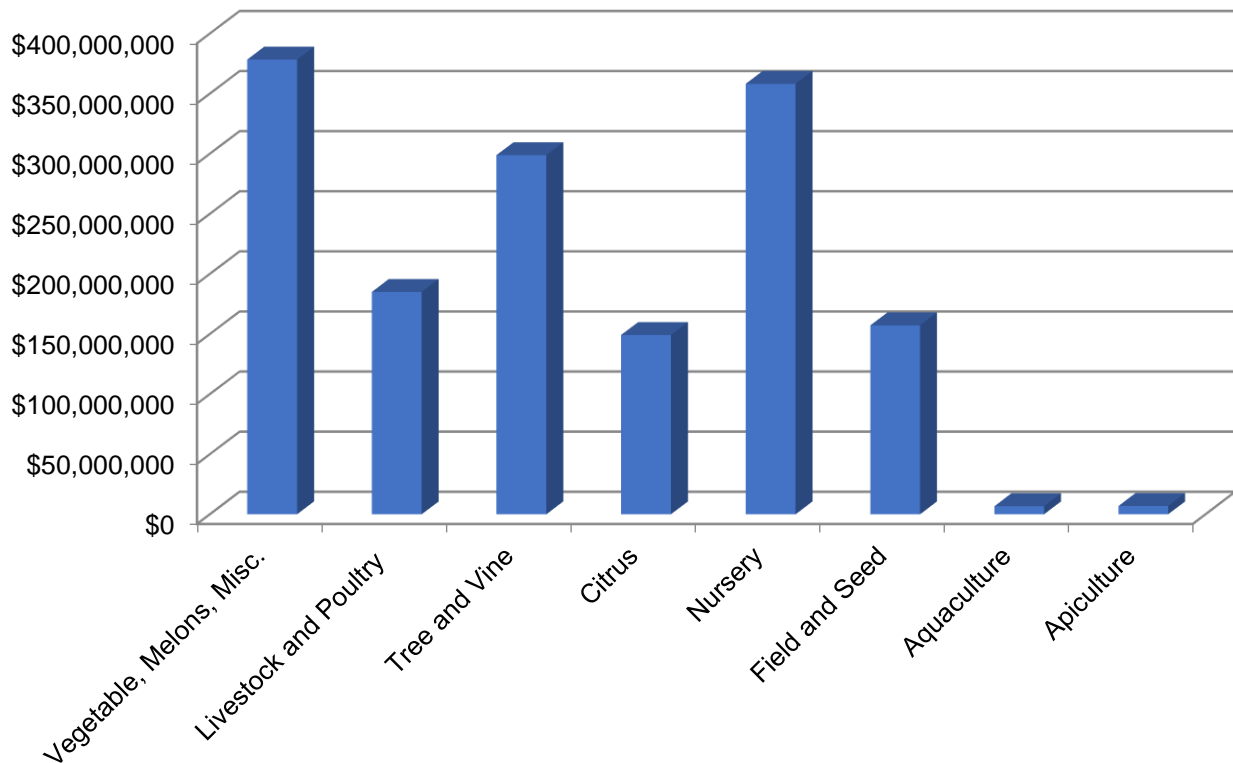
Respectfully submitted by Delia Jimenez Cioc  
Agricultural Commissioner/Sealer of Weight and Measures

for Ruben J. Arroyo  
Agricultural Commissioner  
Sealer of Weights and Measures

## FIVE YEAR COMPARISON

Commodity Group	2019	2020	2021	2022	2023
Citrus	\$121,934,000	\$126,567,000	\$127,473,000	\$132,062,000	\$149,171,000
Tree and Vine	\$268,368,000	\$282,840,000	\$280,105,000	\$270,078,000	\$298,806,000
Vegetable, Melons, Misc.	\$354,217,000	\$334,440,000	\$324,895,000	\$328,236,000	\$378,351,000
Field and Seed	\$141,652,000	\$156,114,000	\$135,033,000	\$159,419,000	\$157,174,000
Nursery	\$204,768,000	\$247,765,000	\$267,547,000	\$318,683,000	\$358,175,000
Apiculture	\$6,123,000	\$5,858,000	\$5,925,000	\$5,950,000	\$6,917,000
Aquaculture	\$4,776,000	\$4,596,000	\$4,873,000	\$5,749,000	\$6,735,000
Livestock and Poultry	\$219,427,000	\$260,040,000	\$260,059,000	\$270,282,000	\$185,011,000
<b>GRAND TOTAL</b>	<b>\$1,321,265,000</b>	<b>\$1,418,220,000</b>	<b>\$1,405,910,000</b>	<b>\$1,490,459,000</b>	<b>\$1,540,340,000</b>

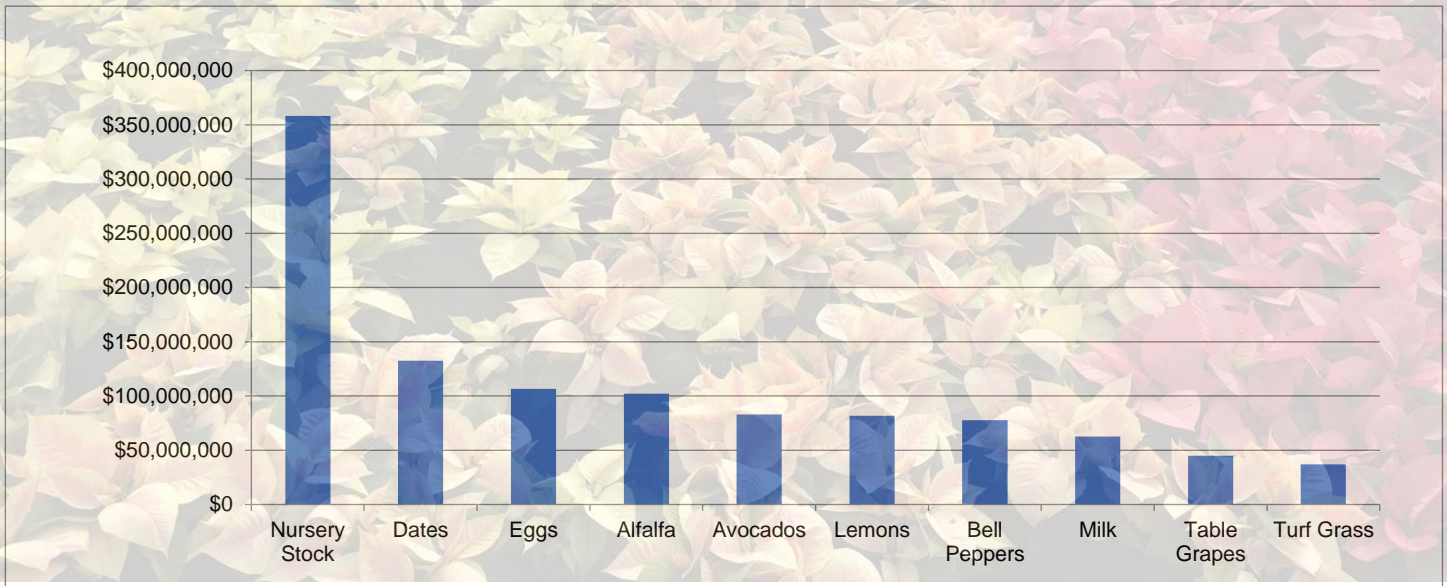
## 2023 COMMODITY GROUP VALUES





## TEN LEADING CROPS FOR 2023

Rank	Crop	Value
1st	Nursery Stock	\$358,175,000
2nd	Dates	\$132,480,000
3rd	Eggs	\$106,600,000
4th	Alfalfa	\$102,074,000
5th	Avocados	\$82,833,000
6th	Lemons	\$81,754,000
7th	Bell Peppers	\$77,672,000
8th	Milk	\$62,646,000
9th	Table Grapes	\$45,010,000
10th	Turf Grass	\$37,100,000



## OTHER MILLION DOLLAR COMMODITIES

Crop	Value	Crop	Value	Crop	Value
Carrots	39,737,000	Celery	11,048,000	Cantaloupe	3,947,000
Lettuce - Head	30,396,000	Cauliflower	9,370,000	Cabbage	3,785,000
Mandarins/Tangerines	27,160,000	Bermuda Grass	8,299,000	Watermelon	3,528,000
Broccoli	26,649,000	Okra	8,712,000	Green Beans	3,437,000
Oriental Vegetables	26,268,000	Wheat - Grain	7,863,000	Honeydew melon	3,333,000
Wine Grapes	26,235,000	Tomatoes	7,820,000	Kale	3,040,000
Grapefruit	26,062,000	Romaine Lettuce	7,664,000	Sudan Grass	2,760,000
Spinach	21,278,000	Strawberries	6,102,000	Industrial Hemp	2,400,000
Artichokes	17,388,000	Chili peppers	5,453,000	Cotton Seed	2,163,000
Corn - Sweet	12,690,000	Talapia	5,270,000	Honey	2,002,000
Cotton	12,537,000	Eggplant	5,133,000	Rye Grass	1,868,000
Onion - Dry	12,180,000	Pollination	4,875,000	Potatoes	1,856,000
Oranges	12,019,000	Mixed Melons	4,784,000	Corn - Silage	1,448,000
Cattle / Calves	11,449,000	Spices / Herbs	4,421,000	Sheep and Lambs	1,306,000
Alfalfa - Silage	11,088,000	Beets	4,034,000	Wheat	1,288,000

## PRODUCTION VALUATION CHANGES 2022 TO 2023

<u>Crop</u>	<u>2023</u>	<u>2022</u>	<u>Value Change (\$)</u>	<u>Percentage Change</u>
Citrus	149,171,000	132,062,000	17,109,000	13.0%
Tree and Vine	298,806,000	270,078,000	28,728,000	10.6%
Vegetables	378,351,000	328,236,000	50,115,000	15.3%
Field and Seed	157,174,000	159,419,000	(2,245,000)	-1.4%
Nursery	358,175,000	318,683,000	39,492,000	12.4%
Apiculture	6,917,000	5,950,000	967,000	16.3%
Aquaculture	6,735,000	5,749,000	986,000	17.2%
All Agriculture	1,355,329,000	1,220,177,000	135,152,000	11.1%
Livestock and Poultry	185,011,000	270,282,000	(85,271,000)	-31.5%
<b>Grand Total</b>	<b>1,540,340,000</b>	<b>1,490,459,000</b>	<b>49,881,000</b>	<b>3.3%</b>





**Suzette Overgaag, Vice President and Co-Founder of North Shore Greenhouses, Inc.**

As I reflect on my journey as a farmer and entrepreneur, I am reminded of the power of perseverance, innovation, and family. Over thirty years ago, my husband Leo and I left our home in Santa Barbara to chase our dream of building a family farm in the Coachella Valley. With limited resources and no prior experience, we broke ground on a shoestring budget, determined to make a name for ourselves in the agricultural industry.

Our passion for fresh herbs led us to create the first line of living herbs sold in the refrigerated section of grocery stores, with roots still attached. This innovative approach allowed our herbs to stay fresh three times longer than traditional cut herbs, revolutionizing the way people consumed fresh produce. As an entrepreneur, I have had to develop a wide range of skills, from financial planning to marketing and relationship-building. I have learned to envision possibilities and design systems to make them a reality. It is exhilarating to wake up each day with innovative ideas and challenges to overcome.

Of course, our journey has not been without its obstacles. As newcomers to the Coachella Valley, we faced unique challenges such as recruiting labor due to misconceptions about the region's harsh climate, managing water temperature fluctuations, and dealing with extreme pest pressure from neighboring farms. Without formal education or prior experience, we had to rely on trial and error and seek guidance from mentors to learn how to grow our business. Despite these challenges, we persevered, driven by our commitment to our family, our passion for farming, and the dedication of our employees. We owe our success to our parents, who instilled in us the values of hard work and determination. We have learned that with willpower, there is always a way forward – you just must keep looking for it and never give up. Like many businesses during the pandemic, we had to adapt quickly to new circumstances. We successfully restructured our operations and continued to grow our product while employing our workforce. Today, we are proud to have established a thriving hydroponic farm spanning over ten acres of greenhouse space.

Looking ahead, I am excited to announce that we are finalizing a new product line that aligns with my original vision for our company. This new product will not only support our year-round production but also increase overall produce consumption, benefiting both our industry and family farms like ours. As we continue to grow and thrive, we are committed to expanding our facility to meet the increasing demands of our customers. Our passion for agriculture drives us to push the boundaries of what is possible, and we are excited to explore new ways to innovate and improve our operations. By continually investing in our technology, our infrastructure, and our people, we aim to leave a legacy in the industry and solidify our position as leaders in greenhouse operations.



## CITRUS CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
<b>Grapefruit-Red</b>	<b>2023</b>	<b>2,100</b>	<b>2,100</b>	<b>13.50</b>	<b>28,350</b>	<b>tons</b>	<b>205.00</b>	<b>5,811,750</b>
Grapefruit-Red	2022	2,100	2,100	13.00	27,300	tons	185.00	5,050,500
By-Products	2023	0		2.50	0	tons	60.00	-
<b>Grapefruit-Ruby</b>	<b>2023</b>	<b>4,000</b>	<b>4,000</b>	<b>13.50</b>	<b>54,000</b>	<b>tons</b>	<b>375.00</b>	<b>20,250,000</b>
Grapefruit-Ruby	2022	4,000	3,790	14.75	55,902	tons	360.00	20,100,000
By-Products	2023			2.50	0	tons	0.00	-
<b>Grapefruit-Other</b>	<b>2023</b>	<b>80</b>	<b>80</b>	<b>13.50</b>	<b>1,080</b>	<b>tons</b>	<b>610.00</b>	<b>658,800</b>
Grapefruit-Other	2022	80	80	13.00	1,040	tons	610.00	634,400
By-Products	2023			0.00	0	tons	0.00	-
<b>Lemons</b>	<b>2023</b>	<b>7,800</b>	<b>7,800</b>	<b>10.75</b>	<b>83,850</b>	<b>tons</b>	<b>975.00</b>	<b>81,753,750</b>
Lemons	2022	7,800	7,800	9.20	71,760	tons	960.00	68,889,600
By-Products	2023			0.00	0	tons	98.00	-
<b>Miscellaneous*</b>	<b>2023</b>	<b>1,600</b>	<b>1,600</b>	<b>10.10</b>	<b>16,160</b>	<b>tons</b>	<b>15.00</b>	<b>242,400</b>
Miscellaneous*	2022	1,720	1,700	10.10	17,170	tons	13.00	223,210
<b>Oranges-Navel</b>	<b>2023</b>	<b>1,250</b>	<b>1,250</b>	<b>14.00</b>	<b>17,500</b>	<b>tons</b>	<b>425.00</b>	<b>7,437,500</b>
Oranges-Navel	2022	1,300	1,300	14.00	18,200	tons	395.00	7,189,000
By-Products	2023			0.00	0	tons	46.00	-
<b>Oranges-Valencia</b>	<b>2023</b>	<b>850</b>	<b>850</b>	<b>11.00</b>	<b>9,350</b>	<b>tons</b>	<b>490.00</b>	<b>4,581,500</b>
Oranges-Valencia	2022	870	870	10.00	8,700	tons	482.00	4,193,400
By-Products	2023			0.00	0	tons	72.00	-
<b>Mandarins / Tangerines</b>	<b>2023</b>	<b>1,600</b>	<b>1,600</b>	<b>9.70</b>	<b>15,520</b>	<b>tons</b>	<b>1,750.00</b>	<b>27,160,000</b>
Mandarins / Tangerines	2022	1,600	1,600	9.00	14,400	tons	1,710.00	24,624,000
By-Products	2023			0.00	0	tons	120.00	-
<b>Tangelos</b>	<b>2023</b>	<b>150</b>	<b>150</b>	<b>8.50</b>	<b>1,275</b>	<b>tons</b>	<b>1,000.00</b>	<b>1,275,000</b>
Tangelos	2022	150	150	8.30	1,245	tons	930.00	1,157,850
By-Products	2023			0.00	0	tons	120.00	-
<b>TOTAL</b>	<b>2023</b>	<b>19,430</b>	<b>19,430</b>					<b>149,170,700</b>
	2022	19,620	19,390					132,061,960

\* Includes: Kumquats, Limes, Blood Oranges.



## TREE AND VINE CROPS

	Year	Planted Acreage	Harvested Acreage	Production		Unit	Value	
				Per Acre	Total		Per Unit	Total
<b>Apples</b>	<b>2023</b>	<b>24</b>	<b>22</b>	<b>2.65</b>	<b>60</b>	<b>tons</b>	<b>2,000.00</b>	<b>120,000</b>
	2022	24	22	2.65	58	tons	1,982.00	115,000
<b>Apricots</b>	<b>2023</b>	<b>12</b>	<b>12</b>	<b>2.40</b>	<b>30</b>	<b>tons</b>	<b>2,000.00</b>	<b>60,000</b>
	2022	12	12	2.40	29	tons	1,990.00	57,700
<b>Avocados</b>	<b>2023</b>	<b>3,420</b>	<b>3,420</b>	<b>5.70</b>	<b>19,490</b>	<b>tons</b>	<b>4,250.00</b>	<b>82,832,500</b>
	2022	3,211	3,211	5.70	18,333	tons	4,200.00	77,000,000
<b>Cherries</b>	<b>2023</b>	<b>10</b>	<b>10</b>	<b>1.00</b>	<b>10</b>	<b>tons</b>	<b>3,800.00</b>	<b>38,000</b>
	2022	10	10	1.00	10	tons	3,800.00	38,000
<b>Dates</b>	<b>2023</b>	<b>9,600</b>	<b>9,600</b>	<b>4.00</b>	<b>38,400</b>	<b>tons</b>	<b>3,450.00</b>	<b>132,480,000</b>
<b>Culls</b>	<b>2023</b>			<b>4.00</b>	<b>0</b>	<b>tons</b>	<b>90.00</b>	<b>750,000</b>
Dates	2022	9,600	9,100	3.93	35,763	tons	2,350.00	84,100,000
Culls	2022			0.40	0	tons	90.00	340,000
<b>Grapes - Table*</b>	<b>2023</b>	<b>3,139</b>	<b>3,139</b>	Listed by Variety below.				<b>45,010,000</b>
<b>(Total)</b>	2022	7,026	5,645					76,846,300
<b>Sugra One</b>	<b>2023</b>	<b>667</b>	<b>667</b>	<b>5.20</b>	<b>3,470</b>	<b>tons</b>	<b>2,400.00</b>	<b>8,328,000</b>
Beauty Seedless	2022	200	180	0.00	1,000	tons	2,350.00	2,350,000
<b>Sheegene/Timpson</b>	<b>2023</b>	<b>229</b>	<b>229</b>	<b>5.00</b>	<b>1,150</b>	<b>tons</b>	<b>2,400.00</b>	<b>2,760,000</b>
Scarlet	2022	300	300	5.60	1,960	tons	3,680.00	7,212,800
<b>Flame Seedless</b>	<b>2023</b>	<b>993</b>	<b>993</b>	<b>6.10</b>	<b>6,060</b>	<b>tons</b>	<b>2,400.00</b>	<b>14,544,000</b>
Flame Seedless	2022	3,600	2,600	5.60	15,180	tons	2,400.00	36,432,000
<b>Valley Pearl</b>	<b>2023</b>	<b>187</b>	<b>187</b>	<b>5.40</b>	<b>1,010</b>	<b>tons</b>	<b>3,000.00</b>	<b>3,030,000</b>
Sugarone	2022	1,400	1,400	4.70	7,430	tons	3,050.00	22,661,500
<b>Summer/Autumn</b>	<b>2023</b>	<b>128</b>	<b>128</b>	<b>6.00</b>	<b>770</b>	<b>tons</b>	<b>2,400.00</b>	<b>1,848,000</b>
Green Seedless	2022	100	100	6.00	600	tons	2,400.00	1,440,000
<b>Other Varieties</b>	<b>2023</b>	<b>935</b>	<b>935</b>	<b>6.20</b>	<b>5,800</b>	<b>tons</b>	<b>2,500.00</b>	<b>14,500,000</b>
	2022	900	900	3.00	2,700	tons	2,500.00	6,750,000
<b>Grapes - Wine</b>	<b>2023</b>	<b>2,120</b>	<b>2,120</b>	<b>5.50</b>	<b>11,660</b>	<b>tons</b>	<b>2,250.00</b>	<b>26,235,000</b>
	2022	1,980	1,980	6.85	13,563	tons	1,700.00	23,057,100
<b>Miscellaneous**</b>	<b>2023</b>	<b>650</b>	<b>550</b>	<b>12.00</b>	<b>6,600</b>	<b>tons</b>	<b>1,520.00</b>	<b>10,032,000</b>
	2022	545	450	12.00	5,000	tons	1,500.00	7,500,000
<b>Peaches</b>	<b>2023</b>	<b>410</b>	<b>380</b>	<b>8.50</b>	<b>3,230</b>	<b>tons</b>	<b>365.00</b>	<b>1,179,000</b>
	2022	475	400	8.50	3,400	tons	290.00	986,000
<b>Pomegranates</b>	<b>2023</b>	<b>8</b>	<b>8</b>	<b>7.60</b>	<b>60</b>	<b>tons</b>	<b>1,150.00</b>	<b>69,000</b>
	2022	5	5	7.60	38	tons	1,000.00	38,000
<b>TOTAL</b>	<b>2023</b>	<b>19,393</b>	<b>19,261</b>					
	2022	22,362	20,670					

\* 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
<b>Artichokes</b>	<b>2023</b>	<b>1,050</b>	<b>7.20</b>	<b>7,560</b>	<b>tons</b>	<b>2300.00</b>	<b>17,388,000</b>
	2022	1,010	7.10	7,170	tons	2100.00	15,057,000
<b>Beans-Green</b>	<b>2023</b>	<b>640</b>	<b>5.60</b>	<b>3,580</b>	<b>tons</b>	<b>960.00</b>	<b>3,437,000</b>
	2022	640	5.60	3,580	tons	951.00	3,405,000
<b>Beets</b>	<b>2023</b>	<b>470</b>	<b>21.20</b>	<b>9,960</b>	<b>tons</b>	<b>405.00</b>	<b>4,034,000</b>
	2022	475	21.20	10,070	tons	350.00	3,525,000
<b>Broccoli</b>	<b>2023</b>	<b>2,820</b>	<b>10.00</b>	<b>28,200</b>	<b>tons</b>	<b>945.00</b>	<b>26,649,000</b>
	2022	2,840	9.50	26,980	tons	934.50	25,213,000
<b>Cabbage</b>	<b>2023</b>	<b>565</b>	<b>13.00</b>	<b>7,350</b>	<b>tons</b>	<b>515.00</b>	<b>3,785,000</b>
	2022	565	13.00	7,350	tons	510.00	3,749,000
<b>Carrots</b>	<b>2023</b>	<b>4,205</b>	<b>42.00</b>	<b>176,610</b>	<b>tons</b>	<b>225.00</b>	<b>39,737,000</b>
	2022	4,185	42.00	175,770	tons	150.00	26,366,000
<b>Cauliflower</b>	<b>2023</b>	<b>1,300</b>	<b>9.30</b>	<b>12,090</b>	<b>tons</b>	<b>775.00</b>	<b>9,370,000</b>
	2022	1,380	9.30	12,830	tons	770.00	9,879,000
<b>Celery</b>	<b>2023</b>	<b>810</b>	<b>31.00</b>	<b>25,110</b>	<b>tons</b>	<b>440.00</b>	<b>11,048,000</b>
	2022	810	31.00	25,110	tons	425.00	10,672,000
<b>Corn-Sweet</b>	<b>2023</b>	<b>2,200</b>	<b>11.20</b>	<b>24,640</b>	<b>tons</b>	<b>515.00</b>	<b>12,690,000</b>
	2022	2,251	11.10	24,990	tons	515.00	12,870,000
<b>Eggplant</b>	<b>2023</b>	<b>295</b>	<b>20.00</b>	<b>5,900</b>	<b>tons</b>	<b>870.00</b>	<b>5,133,000</b>
	2022	295	19.50	5,750	tons	865.00	4,974,000
<b>Lettuce</b>							
<b>Head</b>	<b>2023</b>	<b>2,980</b>	<b>600.00</b>	<b>1,788,000</b>	<b>ctn</b>	<b>17.00</b>	<b>30,396,000</b>
	2022	2,980	600.00	1,788,000	tons	16.00	28,608,000
<b>Romaine</b>	<b>2023</b>	<b>920</b>	<b>14.00</b>	<b>12,880</b>	<b>tons</b>	<b>595.00</b>	<b>7,664,000</b>
	2022	900	14.00	12,600	tons	590.00	7,434,000
<b>Melons</b>							
<b>Cantaloupe</b>	<b>2023</b>	<b>825</b>	<b>16.50</b>	<b>13,610</b>	<b>tons</b>	<b>290.00</b>	<b>3,947,000</b>
	2022	825	16.50	13,610	tons	280.00	3,811,000
<b>Honeydew</b>	<b>2023</b>	<b>400</b>	<b>16.50</b>	<b>6,600</b>	<b>tons</b>	<b>505.00</b>	<b>3,333,000</b>
	2022	400	16.50	6,600	tons	500.00	3,300,000
<b>Mixed*</b>	<b>2023</b>	<b>920</b>	<b>16.00</b>	<b>14,720</b>	<b>tons</b>	<b>325.00</b>	<b>4,784,000</b>
	2022	930	16.00	14,880	tons	300.00	4,464,000
<b>Watermelon</b>	<b>2023</b>	<b>900</b>	<b>16.00</b>	<b>14,400</b>	<b>tons</b>	<b>245.00</b>	<b>3,528,000</b>
	2022	900	16.00	14,400	tons	230.00	3,312,000

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



## VEGETABLE, MELON & MISCELLANEOUS CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
<b>Miscellaneous**</b>	<b>2023</b>	<b>3,240</b>	<b>11.40</b>	<b>36,940</b>	<b>tons</b>	<b>390.00</b>	<b>14,407,000</b>
	2022	3,200	11.20	35,840	tons	385.00	13,798,000
<b>Okra</b>	<b>2023</b>	<b>1,140</b>	<b>7.80</b>	<b>8,890</b>	<b>tons</b>	<b>980.00</b>	<b>8,712,000</b>
	2022	1,100	7.60	8,360	tons	980.00	8,193,000
<b>Onion - Dry</b>	<b>2023</b>	<b>4,000</b>	<b>21.00</b>	<b>84,000</b>	<b>tons</b>	<b>145.00</b>	<b>12,180,000</b>
	2022	4,090	21.00	85,890	tons	130.00	11,166,000
<b>Kale</b>	<b>2023</b>	<b>340</b>	<b>5.60</b>	<b>1,900</b>	<b>tons</b>	<b>1600.00</b>	<b>3,040,000</b>
	2022	330	5.55	1,830	tons	1400.00	2,562,000
<b>Oriental Vegetables</b>	<b>2023</b>	<b>1,910</b>	<b>12.50</b>	<b>23,880</b>	<b>tons</b>	<b>1100.00</b>	<b>26,268,000</b>
	2022	1,900	12.00	22,800	tons	600.00	13,680,000
<b>Bell Peppers</b>	<b>2023</b>	<b>3,650</b>	<b>22.40</b>	<b>81,760</b>	<b>tons</b>	<b>950.00</b>	<b>77,672,000</b>
	2022	3,600	22.35	80,460	tons	850.00	68,391,000
<b>Chili Peppers</b>	<b>2023</b>	<b>140</b>	<b>41.00</b>	<b>5,740</b>	<b>tons</b>	<b>950.00</b>	<b>5,453,000</b>
	2022	130	41.00	5,330	tons	900.00	4,797,000
<b>Potatoes</b>	<b>2023</b>	<b>420</b>	<b>17.00</b>	<b>7,140</b>	<b>tons</b>	<b>260.00</b>	<b>1,856,000</b>
	2022	550	17.00	9,350	tons	250.00	2,338,000
<b>Radishes</b>	<b>2023</b>	<b>110</b>	<b>34.00</b>	<b>3,740</b>	<b>tons</b>	<b>275.00</b>	<b>1,029,000</b>
	2022	110	33.83	3,720	tons	252.00	937,000
<b>Spices/Herbs</b>	<b>2023</b>	<b>1,080</b>	<b>7.80</b>	<b>8,420</b>	<b>tons</b>	<b>525.00</b>	<b>4,421,000</b>
	2022	1,080	7.28	7,860	tons	525.00	4,127,000
<b>Spinach</b>	<b>2023</b>	<b>1,560</b>	<b>15.50</b>	<b>24,180</b>	<b>tons</b>	<b>880.00</b>	<b>21,278,000</b>
	2022	1,570	15.10	23,710	tons	880.00	20,865,000
<b>Squash, All</b>	<b>2023</b>	<b>220</b>	<b>8.30</b>	<b>1,830</b>	<b>tons</b>	<b>650.00</b>	<b>1,190,000</b>
	2022	220	8.25	1,820	tons	650.00	1,183,000
<b>Strawberries</b>	<b>2023</b>	<b>100</b>	<b>18.00</b>	<b>1,800</b>	<b>tons</b>	<b>3,390.00</b>	<b>6,102,000</b>
	2022	90	18.00	1,620	tons	3,376.00	5,469,000
<b>Tomatoes</b>	<b>2023</b>	<b>400</b>	<b>23.00</b>	<b>9,200</b>	<b>tons</b>	<b>850.00</b>	<b>7,820,000</b>
	2022	395	23.00	9,090	tons	450.00	4,091,000
<b>TOTAL</b>	<b>2023</b>	<b>39,610</b>					<b>378,351,000</b>
	2022	39,751					328,236,000

\*\* 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	2023	4,120	1.45	5,970	tons	2100.00	12,537,000
	2022	6,690	1.45	9,700	tons	2000.00	19,400,000
Seed	2023	4,120	2.10	8,650	tons	250.00	2,163,000
	2022	6,690	2.10	14,050	tons	250.00	3,513,000
Grain							
Oats	2023	860	3.00	2,580	tons	210.00	542,000
	2022	850	3.00	2,550	tons	200.00	510,000
Wheat	2023	15,900	2.30	36,570	tons	215.00	7,863,000
	2022	15,800	2.30	36,340	tons	205.00	7,450,000
Barley	2023	18	4.00	70	tons	200.00	14,000
	2022	16	4.00	60	tons	190.00	11,000
Hay							
Alfalfa	2023	38,900	8.00	311,200	tons	328.00	102,074,000
	2022	38,400	8.00	307,200	tons	318.00	97,690,000
Bermuda Grass	2023	5,700	8.00	45,600	tons	182.00	8,299,000
	2022	5,700	8.00	45,600	tons	180.00	8,208,000
3-Way	2023	1,050	5.00	5,250	tons	160.00	840,000
	2022	1,050	5.00	5,250	tons	160.00	840,000
Oats	2023	400	6.00	2,400	tons	200.00	480,000
	2022	400	6.00	2,400	tons	200.00	480,000
Sudan	2023	2,760	5.00	13,800	tons	200.00	2,760,000
	2022	2,740	5.00	13,700	tons	200.00	2,740,000
Miscellaneous*	2023	840	14.00	11,760	tons	70.00	823,000
	2022	820	14.00	11,480	tons	65.00	746,000
Indutrial Hemp							
Hemp	2023	40	0.80	32	tons		2,400,000
	2022	40	0.70	30	tons		2,000,000
* Includes: Barley, Triticale, Rye Grass							

\* Includes: Barley, Triticale, Rye Grass



## FIELD AND SEED CROPS

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
<b>Pasture-Irrigated</b>	<b>2023</b>	<b>1,525</b>			<b>tons</b>	<b>150.00</b>	<b>229,000</b>
	2022	1,525			tons	150.00	190,000
<b>Rangeland</b>	<b>2023</b>	<b>10,000</b>			<b>acres</b>	<b>1.35</b>	<b>14,000</b>
	2022	10,000			acres	1.30	13,000
<b>Silage and Green Chop</b>							
<b>Alfalfa</b>	<b>2023</b>	<b>4,200</b>	<b>8.00</b>	<b>33,600</b>	<b>tons</b>	<b>330.00</b>	<b>11,088,000</b>
	2022	4,138	8.00	33,100	tons	325.00	10,758,000
<b>Corn</b>	<b>2023</b>	<b>760</b>	<b>25.33</b>	<b>19,300</b>	<b>tons</b>	<b>75.00</b>	<b>1,448,000</b>
	2022	750	25.33	19,000	tons	75.00	1,425,000
<b>Oats</b>	<b>2023</b>	<b>530</b>	<b>4.30</b>	<b>2,300</b>	<b>tons</b>	<b>48.00</b>	<b>110,000</b>
	2022	533	4.30	2,300	tons	47.00	108,000
<b>Sorghum</b>	<b>2023</b>	<b>190</b>	<b>23.00</b>	<b>4,400</b>	<b>tons</b>	<b>76.00</b>	<b>334,000</b>
	2022	184	23.00	4,200	tons	75.00	315,000
<b>Rye Grass</b>	<b>2023</b>	<b>1,400</b>	<b>17.80</b>	<b>24,900</b>	<b>tons</b>	<b>75.00</b>	<b>1,868,000</b>
	2022	1,420	17.80	25,300	tons	70.00	1,771,000
<b>Wheat</b>	<b>2023</b>	<b>1,000</b>	<b>14.00</b>	<b>14,000</b>	<b>tons</b>	<b>92.00</b>	<b>1,288,000</b>
	2022	990	14.00	13,900	tons	90.00	1,251,000
<b>TOTAL</b>	<b>2023</b>	<b>94,313</b>					<b>157,174,000</b>
	2022	96,246					159,419,000

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

## LIVESTOCK AND POULTRY

	Number Year	Total of Head	Liveweight	Value		Total
				Per Unit	Unit	
Cattle and Calves	2023	14,200	98,700	cwt	116.00	11,449,000
	2022	14,800	100,000	cwt	116.00	11,600,000
Sheep and Lambs	2023	7,200	9,200	cwt	142.00	1,306,000
	2022	7,800	9,400	cwt	146.00	1,372,000
Other*	2023			various		1,210,000
	2022			various		1,280,000
<b>TOTAL</b>	2023					13,965,000
	2022					14,252,000

\* Includes Baby Chicks, Chickens, Ducks, Pheasants.

## LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Value		Total
					Unit	
Eggs	2023	41,000,000	dozen		2.60	106,600,000
	2022	39,000,000	dozen		1.97	76,830,000
Milk*	2023	9,180,000	cwt		26.80	62,646,000
	2022	9,100,000	cwt		19.50	177,450,000
Other Products**	2023					1,800,000
	2022					1,750,000
<b>TOTAL</b>	2023					171,046,000
	2022					256,030,000
<b>TOTAL COMBINED</b>						<b>185,011,000</b>

\*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	2023	175,000	lbs	3.20	560,000
	2022	170,000	lbs	2.70	459,000
Miscellaneous*	2023		various		905,000
	2022		various		810,000
Tilapia	2023	1,700,000	lbs	3.10	5,270,000
	2022	1,600,000	lbs	2.80	4,480,000
<b>Total</b>	2023				6,735,000
	2022				4,873,000

\* Includes Goldfish, Koi, Tropical Fish, Bass.



## NURSERY STOCK PRODUCTION

	Year	Acres	Value		Total
			Units	Per Unit	
Ornamental Nursery Stock	2023	4,100		various	318,500,000
	2022	3,980		various	281,500,000
Cut Flowers / Cut Greens	2023	4		cuttings	110,000
	2022	4		cuttings	102,500
Christmas Trees (cut)	2023	4	0	each	65,000
	2022	2	0	each	50,000
Turf	2023	2,300	98,500,000	square feet	37,100,000
	2022	2,300	98,500,000	square feet	34,700,000
Farm Planting Stock	2023	150	18,000	various	2,400,000
	2022	150	18,000	various	2,330,000
TOTAL	2023	6,558			358,175,000
	2022	6,436			318,682,500



## APICULTURE

	Year	Production	Value		Total
			Per Unit	Unit	
Honey	2023	572,105	lbs	3.50	2,002,000
	2022	568,625	lbs	2.00	1,137,000
Beeswax	2023	12,150	lbs	3.25	39,500
	2022	12,100	lbs	3.15	38,100
Fees Collected for Pollination	2023	25,000	colonies	195.00	4,875,000
	2022	25,000	colonies	191.00	4,775,000
Total Colonies	2023	44,000			
	2022	44,000			
TOTAL	2023				6,916,500
	2022				5,950,000

## DISTRICT VALUATIONS - AGRICULTURAL CROPS

District	2019	2020	2021	2022	2023
Riverside/Corona	126,279,000	135,650,000	136,700,000	137,200,000	148,000,000
San Jacinto/Temecula Valley	148,788,000	165,415,000	166,300,000	167,400,000	212,000,000
Coachella Valley	684,911,000	703,250,000	705,310,000	707,100,000	770,000,000
Palo Verde Valley	209,974,510	216,100,000	210,000,000	214,000,000	228,000,000
<b>Total Crop Valuation</b>	<b>1,169,952,510</b>	<b>1,169,953,000</b>	<b>1,218,310,000</b>	<b>1,225,700,000</b>	<b>1,358,000,000</b>

## ACREAGE STATISTICS

Crop	2019	2020	2021	2022	2023
Citrus	19,756	18,889	19,400	19,390	19,430
Tree and Vine	21,075	22,506	21,982	20,670	19,261
Vegetable, Melons, Misc.	46,709	40,550	40,978	39,751	39,610
Field and Seed	116,182	127,346	114,382	96,246	94,313
Nursery	5,616	5,624	6,407	6,436	6,558
<b>Total Planted Acreage</b>	<b>209,338</b>	<b>214,915</b>	<b>203,149</b>	<b>182,493</b>	<b>179,172</b>

## TOTAL VALUATION

Crop	2019	2020	2021	2022	2023
Citrus	121,934,000	126,567,000	127,473,000	132,062,000	149,171,000
Tree and Vine	268,368,000	282,840,000	280,105,000	270,078,000	298,806,000
Vegetable, Melons, Misc.	354,217,000	334,440,000	324,895,000	328,236,000	378,351,000
Field and Seed	141,652,000	156,114,000	135,033,000	159,419,000	157,174,000
Nursery	204,768,000	247,765,000	267,547,000	318,683,000	358,175,000
Apiculture	6,123,000	5,858,000	5,925,000	5,950,000	6,917,000
Aquaculture	4,776,000	4,596,000	4,873,000	5,749,000	6,735,000
<b>Total Crop</b>	<b>1,101,838,000</b>	<b>1,158,180,000</b>	<b>1,145,851,000</b>	<b>1,220,177,000</b>	<b>1,355,329,000</b>
Livestock and Poultry	219,427,000	260,040,000	260,059,000	270,282,000	185,011,000
<b>GRAND TOTAL</b>	<b>1,321,265,000</b>	<b>1,418,220,000</b>	<b>1,405,910,000</b>	<b>1,490,459,000</b>	<b>1,540,340,000</b>





## CALIFORNIA'S LEADING AGRICULTURAL COUNTIES BY TOTAL VALUE OF PRODUCTION

<u>2021</u>			<u>2022</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	Tulare	8,612,450,000
2	Tulare	8,089,621,300	2	Fresno	8,095,546,000
3	Fresno	8,086,000,000	3	Kern	7,724,166,300
4	Monterey	4,100,240,000	4	Monterey	4,638,336,000
5	Merced	3,724,451,000	5	Merced	4,562,155,000
6	Stanislaus	3,545,672,000	6	Stanislaus	3,726,482,000
7	San Joaquin	3,193,234,000	7	San Joaquin	3,244,671,000
8	Kings	2,343,144,000	8	Imperial	2,612,578,000
9	Imperial	2,287,312,000	9	Kings	2,594,574,000
10	Ventura	2,085,999,000	10	Ventura	2,127,682,000
11	Madera	2,045,495,000	11	Madera	1,993,331,000
12	Santa Barbara	1,918,186,000	12	Santa Barbara	1,930,445,000
13	San Diego	1,752,999,086	13	San Diego	1,776,799,614
14	Riverside	1,405,910,000	14	Riverside	1,490,459,000

### YEAR

### VALUE

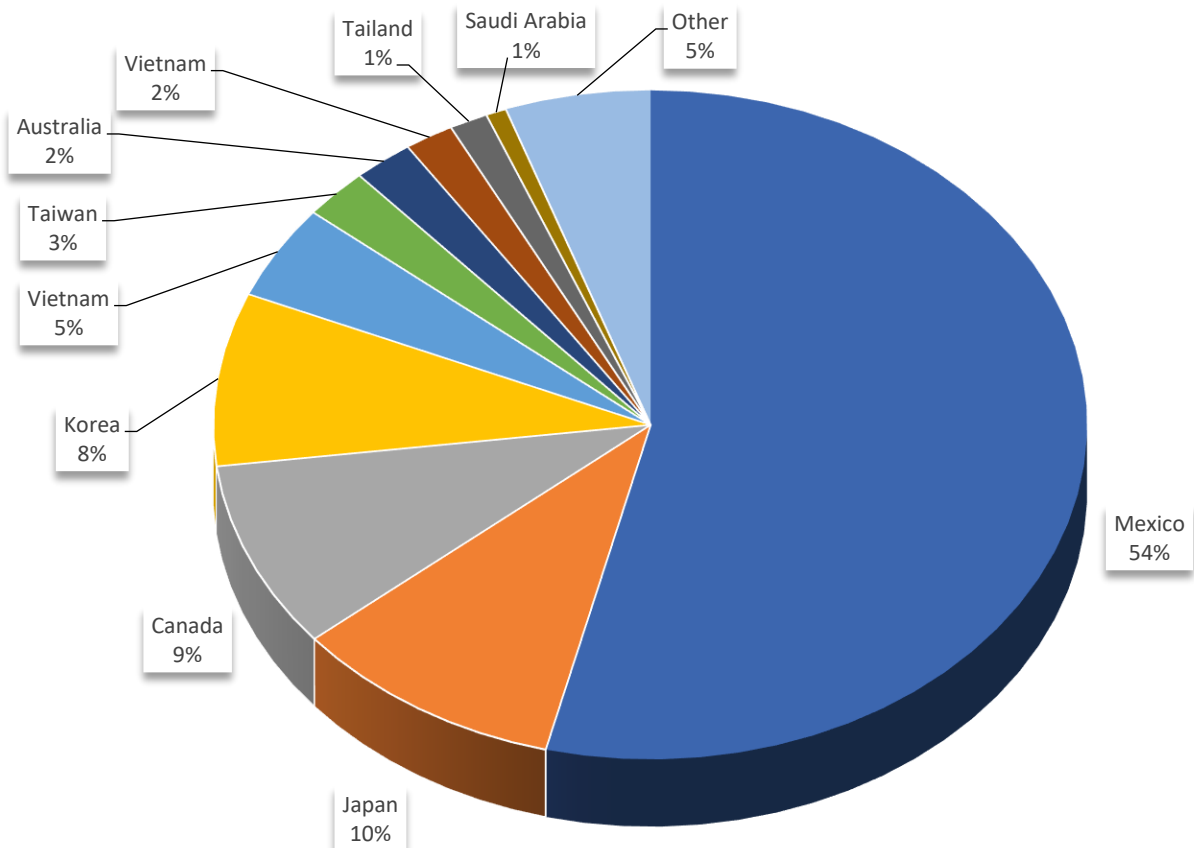
### STATE RANK

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	14
2023	\$1,540,340,000	?

# PHYTOSANITARY EXPORT CERTIFICATION - 2023

## All Export Countries

Aruba	Fiji	Pakistan	Spain
Australia	France	Panama	Sudan
Bermuda	Guatemala	Peru	Suriname
Brazil	India	Phillipines	Sweden
Cambodia	Indonesia	Portugal	Taiwan
Canada	Japan	Qatar	Thailand
Chile	Kuwait	Saudi Arabia	Republic of Korea
Colombia	Malaysia	Seychelles	United Arab Emirates
Croatia	Mexico	Singapore	United Kingdom
Dominican Republic	New Zealand	South Africa	Viet Nam



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



# PHYTOSANITARY EXPORT CERTIFICATION - 2023

## All Export Commodities

Agave	Celery	Green Onions	Onions
Artichokes	Cordia	Kale	Oranges
Avocados	Corn	Kumquats	Parsley
Avocado Budwood	Citrus Budwood	Leeks	Peppers
Basil	Citrus	Lemons	Prunes
Beets	Citrus Seeds	Lettuce	Radish
Bell Peppers	Dates	Lumber / Wood	Rice
Blueberries	Dill	Mandarins	Romaine
Broccoli	Lavender	Mangos	Strawberries
Brussels Sprouts	Grapes	Mixed Vegetables	Sweet Corn
Cauliflower	Grapefruit	Nursery Stock	Tomatoes
			Vegetable seeds

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





## PEST INTERCEPTIONS - 2023

<u>Scientific Name</u>	<u>Common Name</u>	<u>Pest Rating</u>	<u>Interceptions</u>
<i>Solenopsis invicta</i>	Red Imported Fire Ant	A	26
<i>Bactrocera dorsalis</i>	Oriental Fruit Fly	A	26
<i>Ceroplastes floridensis</i>	Florida Wax Scale	A	2
<i>Ceroplastes rusci</i>	Fig Wax Scale	A	2
<i>Planococcus minor</i>	Pacific Mealybug	A	1
<i>Euwallaceae sp.</i>	Invasive Shot-Hole Borer	B	4
<i>Planococcus peruvianus</i>	Bougainvillea Mealybug	B	3
<i>Colletotrichum sp.</i>	Pathogenic Fungi	B	2
<i>Pulvinaria urbicola</i>	Urban Soft Scale	B	1
<i>Pilea microphylla</i>	Atilleryweed	Q	7
<i>Euphorbia ophthalmica</i>	Florida Hammock Sandmat	Q	1
<i>Cardamine sp.</i>	Bittercress	Q	1



***Bactrocera dorsalis* Oreintal Fruit fly**



## PEST INTERCEPTIONS - 2023

### 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 2019 - 2023

<u>Year</u>	<u>Total</u>	<u>A</u>	<u>B</u>	<u>Q</u>
2023	77	58	10	9
2022	48	37	9	2
2021	60	26	31	4
2020	63	51	7	5
2019	97	83	14	0

# SUSTAINABLE AGRICULTURE - 2023

## ORGANIC FARMING

216

### PEST DETECTION (Commercial and Urban)

<u>Activity</u>	<u>Hours</u>
Commercial Crops	4
Public Contact	160
Special Surveys:	
Red Imported Fire Ant	960
Other	650



### 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
Oreintal Fruit Fly	300

### Pest Exclusion (Incoming plant shipments)

<u>Units Profiled</u>	<u>Units inspected</u>	<u>Rejections</u>
3650	1780	22

### 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>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 thuringiensis 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 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> (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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