

IMPERIAL COUNTY

AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

2023

AGRICULTURAL CROP & LIVESTOCK REPORT



TABLE OF CONTENTS

03 Our Team

04 Agricultural
Commissioner's Letter

05 Production Summary &
Top 10 Commodities

06 Livestock & Apiary Products

07 Field Crops

08 Seed Crops & Nursery
Products

09 Fruit & Nut Crops

10 Vegetable & Melon Crops

12 Sustainable Agriculture

14 Sustainable Agriculture/
Organic Production

15 2023 Export Commodities



OUR TEAM



COMMISSIONER/SEALER

Jolene Dessert

ASST. COMMISSIONER/SEALER

Rachel Garewal

DEPUTY AG. COMMISSIONERS

Julian Lopez, Sandra Mendivil, Nelson Perez, Margo Sanchez

ADMINISTRATIVE PROFESSIONALS

Lupe Orozco, Samantha Bogenholm, Maria Luera, Sandy Pereda

AGRICULTURAL BIOLOGISTS AND ASSISTANTS



- Joseph Andreotti
- Nicolas Berg
- Juan Buenrosto
- Jorge Celis
- David Claverie
- Paul Deol
- Christian Duarte
- Cessna Fernandez
- Mark Fitzurka
- Ana Gomez
- Eduardo Gonsalez
- Samuel Gretencord
- Christian Guthrie
- Kelley Jackson
- Robert Japp
- Ashley Jauregui
- Jaciel Lainez
- Belen Leon
- Jeffrey Lopez
- Valeria Mejia
- Germania Mejia-Salazar
- John Molina
- Jesus Montaña
- Cynthia Paz
- Rene Peinado
- Sandra Ramirez
- Francisco Rodriguez
- Heriberto Sanchez
- Madison Shelton
- Baldev Singh
- Jacob Spence
- Iliana Torres
- Antonio Venegas

TO Karen Ross, Secretary
 California Department of Food and Agriculture
 and
 The Honorable Board of Supervisors, County of Imperial
 Supervisor Luis A. Plancarte, District 2, Chairman
 Supervisor Jesus E. Escobar, District 1
 Supervisor Michael W. Kelley, District 3
 Supervisor Ryan E. Kelley, District 4
 Supervisor John Hawk, District 5
 and
 County Executive Officer, County of Imperial
 Miguel Figueroa



It is my pleasure to present the 2023 Imperial County Agricultural Commissioner’s Crop and Livestock Report. This report is prepared in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code, and summarizes the acreage, production, and value of agricultural commodities produced in Imperial County. All data shown represents gross production and values only, not the actual net profit. All prices and numbers are compiled from figures received from growers and producers.

Gross production for 2023 was valued at \$2,692,716,000. This is an increase of 2.36% compared to the 2022 gross value. In 2023, there were 578,659 harvested acres reported, up 4.80% from 2022.

Our number #1 commodity continues to be cattle followed by alfalfa, leaf lettuce, head lettuce, spinach, onions, broccoli, bermuda grass hay, carrots and alfalfa seed rounding out the top ten commodities.

Beyond production data, this report also highlights inspections, surveys, trapping, and other information for the Agricultural Commissioner and Sealer of Weights Measure’s programs, as well as federal and state phytosanitary certificate data regarding exports from our county.

I am grateful to all the growers, processors, industry groups, and agencies who kindly submitted information for this report. I would also like to extend thanks to my staff, who without their hard work this report would not be possible.

Sincerely,

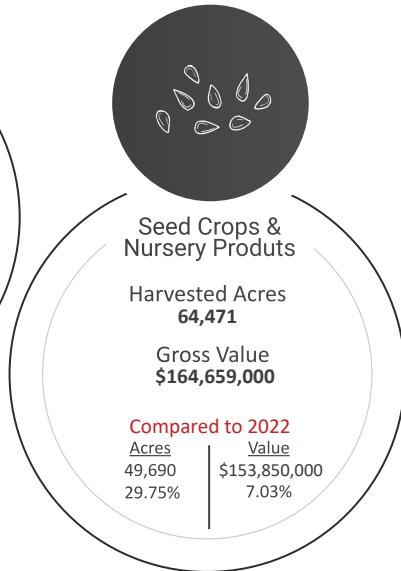
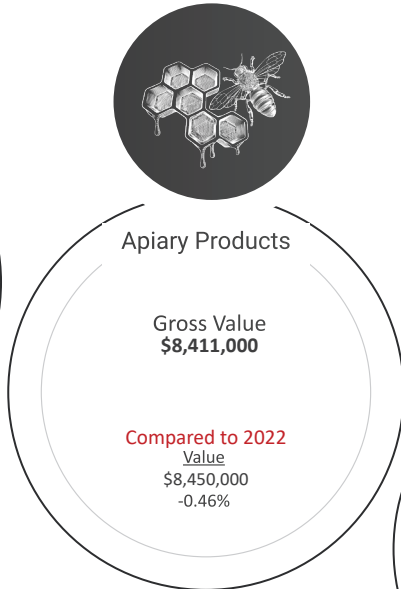
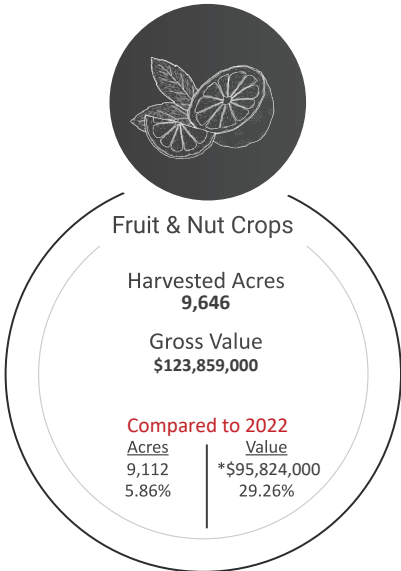
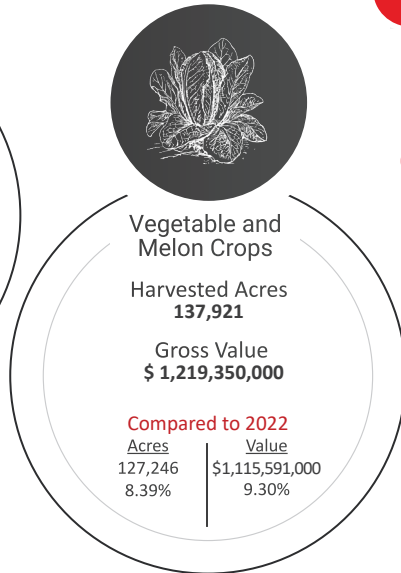
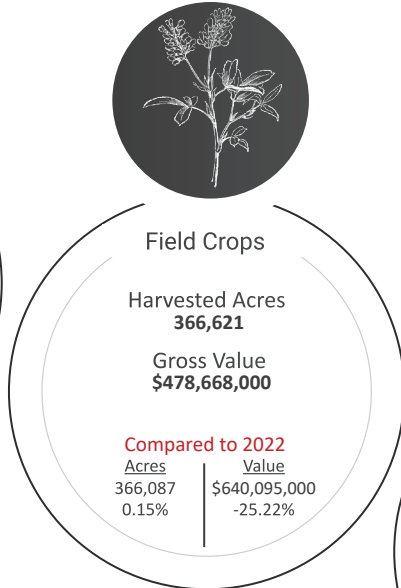
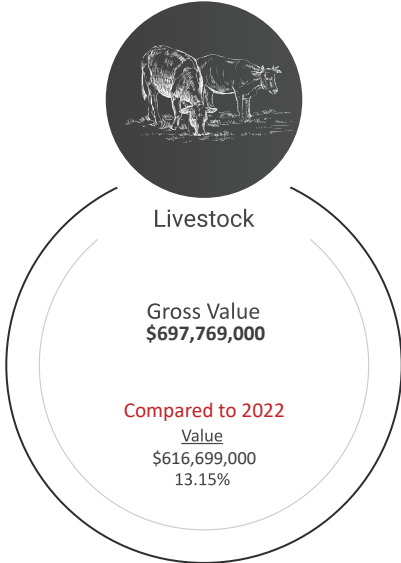
Jolene Dessert
 Agricultural Commissioner
 Sealer of Weights and Measures

PRODUCTION SUMMARY & TOP 10 COMMODITIES

Total harvested acres include multiple cropping on individual fields throughout the year.

TOTAL PRODUCTION

	2023	2022	CHANGE %
HARVESTED ACRES	578,659	552,136	4.80%
GROSS VALUE	\$2,692,716,000	*\$2,630,509,000	2.36%



- 1 Cattle
- 2 Alfalfa
- 3 Leaf Lettuce
- 4 Head Lettuce
- 5 Spinach
- 6 Onions
- 7 Broccoli
- 8 Bermuda Grass Hay
- 9 Carrots
- 10 Alfalfa Seed

AGRICULTURAL PRODUCTION AREAS

2023 TOTAL FARMABLE ACRES [^]	
IMPERIAL VALLEY	431,809
BARD/WINTERHAVEN	14,763
PALO VERDE	7,634
[^] Obtained from Imperial Irrigation District, Palo Verde Water District and Bard Water District reports.	

*Corrected figure for 2022 Fruit & Nut Crops (previously \$77,893,000)

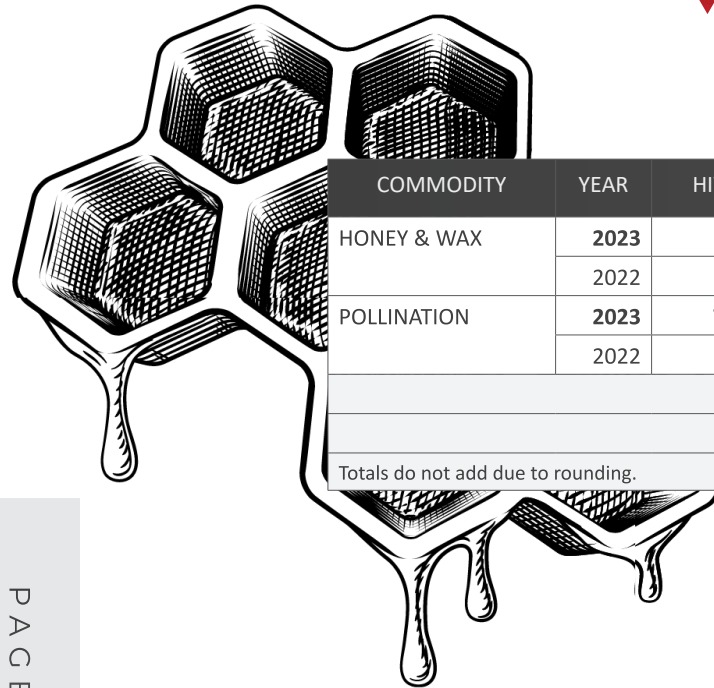
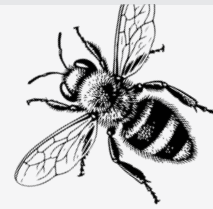
LIVESTOCK PRODUCTS



COMMODITY	YEAR	HEAD	UNIT GAIN	TOTAL GAIN	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (FEEDLOT)	2023	295,274	10.74	3,171,241	CWT	\$166.82	\$529,014,000
	2022	391,427	10.35	4,051,270	CWT	\$117.84	\$477,421,000
AQUATIC PRODUCTS	2023						\$19,532,000
(FISH & ALGAE)	2022						\$18,462,000
MISC. LIVESTOCK ^{1/}	2023						\$149,223,000
	2022						\$120,816,000
TOTAL 2023							\$697,769,000
TOTAL 2022							\$616,699,000

1/Misc. Livestock may include: Calves, Replacement Cattle, Dairy Animals, Milk, Manure/Compost, Mixed Cattle, Sheep, Wagyu Cattle, Wool, California Mid-Winter Fair & Fiesta Show Animal sales.
Cwt = 100 Pounds.
Totals do not add due to rounding.

APIARY PRODUCTS



COMMODITY	YEAR	HIVES	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY & WAX	2023				\$2,802,000
	2022				\$3,481,000
POLLINATION	2023	70,773	COLONY	\$79.26	\$5,609,000
	2022	67,104	COLONY	\$74.27	\$4,969,000
TOTAL 2023					\$8,411,000
TOTAL 2022					\$8,450,000

Totals do not add due to rounding.

FIELD CROPS

CROP	YEAR	HARVESTED ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA HAY	2023	185,095	6.14	1,136,202	TON	\$206.36	\$234,468,000
	2022	147,569	5.62	829,742	TON	\$325.08	\$269,735,000
BERMUDA GRASS HAY	2023	77,803	6.11	475,206	TON	\$175.84	\$83,562,000
	2022	64,068	5.93	379,901	TON	\$267.29	\$101,542,000
COTTON (LINT) ^{2/}	2023	1,602	3.96	6,348	BALE	\$343.09	\$2,178,000
	2022	2,263	4.10	9,282	BALE	\$649.47	\$6,028,000
COTTON (SEED)	2023			1,778	TON	\$381.00	\$677,000
	2022			3,089	TON	\$528.50	\$1,632,000
KLEIN GRASS HAY	2023	21,962	9.51	208,894	TON	\$187.92	\$39,256,000
	2022	20,107	9.82	197,390	TON	\$241.96	\$47,760,000
PASTURED CROPS ^{3/}	2023	21,423			ACRE	\$34.78	\$745,000
	2022	44,002			ACRE	\$35.09	\$1,544,000
STRAW (BALED)	2023			137,355	TON	\$35.97	\$4,941,000
	2022			173,852	TON	\$39.43	\$6,855,000
SUDAN GRASS HAY	2023	26,990	4.85	130,783	TON	\$141.38	\$18,489,000
	2022	49,164	4.73	232,423	TON	\$271.58	\$63,121,000
SUGAR BEETS	2023	19,582	46.69	914,360	TON	\$58.65	\$53,626,000
	2022	23,736	45.40	1,077,559	TON	\$50.05	\$53,932,000
WHEAT	2023	17,378	3.47	60,283	TON	\$346.71	\$20,901,000
	2022	48,422	3.60	174,243	TON	\$377.68	\$65,807,000
MISC. FIELD CROPS ^{1/}	2023	16,209					\$19,825,000
	2022	10,758					\$22,139,000
TOTAL 2023	ACRES	366,621				VALUE	\$478,668,000
TOTAL 2022	ACRES	366,087				VALUE	\$640,095,000

1/Misc. Field Crops may include: Barley, Corn For/Fod, Field Corn, Flax, Mixed Grasses, Oats, Ryegrass, Sorghum Grain, Sorghum For/Fod, Sugar Beet Pulp, Sugar Beet Molasses, Sugarcane.

2/Cotton Bales = 500 Pounds.

3/Pastured Crops are pastured once, the acreage is not included in the total, and may include: Alfalfa, Bermuda Grass Hay, Permanent Pasture.

Totals do not add due to rounding.



SEED CROPS & NURSERY PRODUCTS

CROP	YEAR	HARVESTED ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED							
NON-CERTIFIED	2023	10,378	785.56	8,152,524	LBS	\$2.99	\$24,348,000
	2022	9,070	845.85	7,671,814	LBS	\$3.46	\$26,564,000
CERTIFIED	2023	17,889	783.00	14,007,087	LBS	\$3.45	\$48,324,000
	2022	14,908	848.21	12,645,179	LBS	\$4.14	\$52,289,000
TOTAL ALFALFA SEED	2023	28,267	783.94	22,159,611	LBS	\$3.28	\$72,672,000
	2022	23,978	847.32	20,316,993	LBS	\$3.88	\$78,853,000
BERMUDA GRASS SEED							
NON-CERTIFIED	2023	18,399	443.34	8,157,051	LBS	\$4.44	\$36,191,000
	2022	11,342	574.31	6,513,852	LBS	\$4.82	\$31,409,000
CERTIFIED	2023	4,096	624.50	2,557,952	LBS	\$5.45	\$13,941,000
	2022	3,928	569.23	2,235,944	LBS	\$5.64	\$12,608,000
TOTAL BERMUDA GRASS SEED	2023	22,495	476.33	10,715,003	LBS	\$4.68	\$50,132,000
	2022	15,270	573.01	8,749,797	LBS	\$5.03	\$44,017,000
MISC. SEED AND NURSERY PRODUCTS ^{1/}							
MISC. SEED	2023	13,329					\$31,252,000
	2022	10,130					\$24,747,000
MISC. NURSERY PRODUCTS	2023	380					\$10,603,000
	2022	312					\$6,233,000
TOTAL 2023	ACRES	64,471				VALUE	\$164,659,000
TOTAL 2022	ACRES	49,690				VALUE	\$153,850,000
1/Misc. Seed and Nursery Products may include: Aloe Vera, Artichoke Seed, Broccoli Seed, Carrot Seed, Coriander, Cut Flowers, Grass Seed, Mustard Seed, Onion Seed, Palms, Radish Seed, Rye Seed, Sudan Grass Seed, Vegetable Seed, Vegetable Transplants. *2022 and 2023 Onion Seed was included in Misc. Seed. Totals do not add due to rounding.							



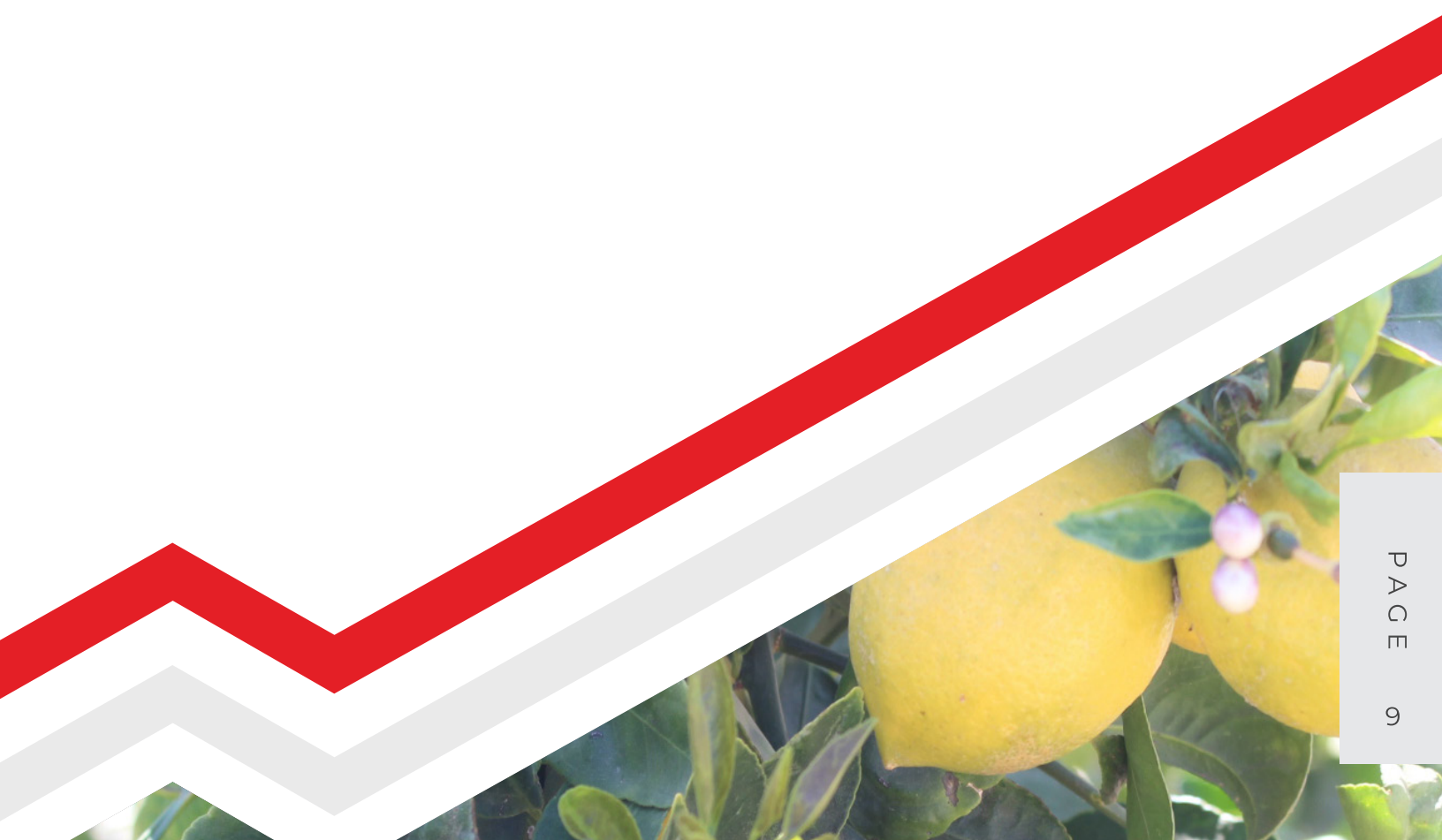
FRUIT & NUT CROPS

CROP	YEAR	HARVESTED ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
DATES	2023	2,952	4.09	12,061	TON	\$3,150.00	\$37,991,000
	2022	2,940	4.10	*12,054	TON	\$3,459.96	*\$41,706,000
GRAPEFRUIT	2023	602	15.00	9,027	TON	\$892.68	\$8,058,000
	2022	642	15.75	10,115	TON	\$685.02	\$6,929,000
LEMONS	2023	4,674	15.27	71,374	TON	\$844.44	\$60,271,000
	2022	4,919	12.52	61,570	TON	\$629.26	\$38,743,000
MISC. CITRUS, FRUIT & NUT CROPS	2023	1,418					\$16,412,000
	2022	611					\$7,994,000
CITRUS BY/PRODUCTS	2023						\$1,127,000
	2022						\$452,000
TOTAL 2023	ACRES	9,646				VALUE	\$123,859,000
TOTAL 2022	ACRES	9,112				VALUE	\$95,824,000

1/Misc. Fruit & Nut Crops may include: Grapes, Olives, Oranges, Sweet Limes, Tangelos, Tangerines.

*Corrected figures for 2022 Dates (previously 6,872 total tons and \$23,775,000)

Totals do not add due to rounding.



VEGETABLE & MELON CROPS

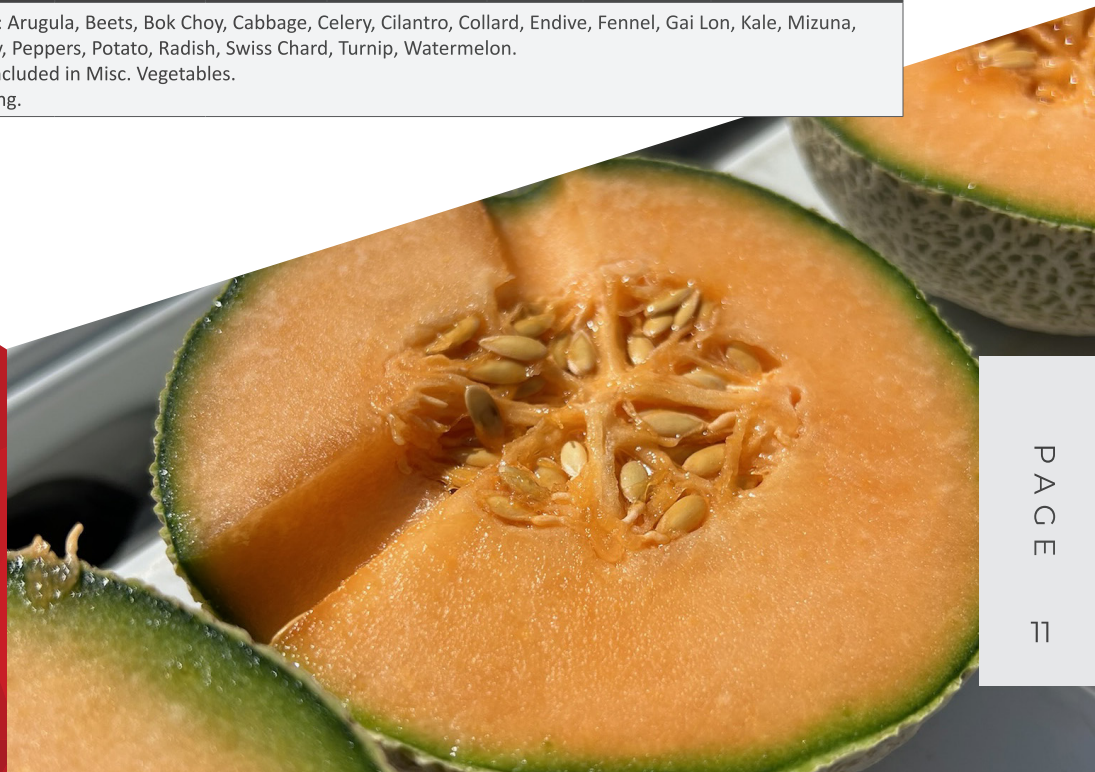
CROP	YEAR	HARVESTED ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
BROCCOLI (MARKET)	2023	9,633	600.55	5,785,061	26 LBS	\$15.94	\$92,215,000
	2022	11,981	639.89	7,666,509	26 LBS	\$12.13	\$92,982,000
CARROTS							
MARKET	2023	3,722	652.27	2,427,611	50 LBS	\$13.97	\$33,926,000
	2022	3,882	533.32	2,070,491	50 LBS	\$13.87	\$28,714,000
PROCESSING & OTHERS	2023	8,684	31.17	270,654	TON	\$172.75	\$46,755,000
	2022	9,059	32.32	292,775	TON	\$137.61	\$40,290,000
TOTAL CARROTS	2023	12,406					\$80,681,000
	2022	12,941					\$69,004,000
CAULIFLOWER (MARKET)	2023	3,609	750.62	2,708,992	23 LBS	\$15.63	\$42,354,000
	2022	3,535	842.03	2,976,572	23 LBS	\$12.54	\$37,341,000
HEAD LETTUCE							
NAKED PACK	2023			2,055,270	50 LBS	\$15.39	\$31,631,000
	2022			2,365,937	50 LBS	\$18.89	\$44,687,000
WRAP PACK	2023			5,138,174	40 LBS	\$12.20	\$62,660,000
	2022			5,914,843	40 LBS	\$13.94	\$82,475,000
BULK	2023			4,110,540	50 LBS	\$15.39	\$63,261,000
	2022			4,731,874	50 LBS	\$18.89	\$89,374,000
TOTAL HEAD LETTUCE	2023	13,679		11,303,984	CTN	\$13.94	\$157,552,000
	2022	15,149		13,012,654	CTN	\$16.64	\$216,536,000
LEAF LETTUCE	2023	18,683	439.69	8,214,693	35 LBS	\$25.29	\$207,786,000
	2022	9,542	760.30	7,254,744	35 LBS	\$19.45	\$141,110,000



VEGETABLE & MELON CROPS

CROP	YEAR	HARVESTED ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ONION							
MARKET	2023	4,383	1,220.00	5,347,260		\$7.50	\$40,104,000
	2022	3,424	1,079.00	3,694,496		\$10.61	\$39,199,000
PROCESSING	2023	11,822	19.11	225,884	TON	\$241.23	\$54,489,000
	2022	14,543	19.09	277,626	TON	\$154.92	\$43,011,000
TOTAL ONIONS	2023	16,205					\$94,593,000
	2022	17,967					\$82,210,000
SPINACH	2023	9,744	10,874.09	105,961,491	LBS	\$1.04	\$110,006,000
	2022	7,584	12,176.13	92,343,732	LBS	\$0.98	\$90,497,000
SWEET CORN	2023	6,316	295.46	1,866,151	50 LBS	\$11.23	\$20,951,000
	2022	7,054	423.00	2,983,842	50 LBS	\$8.14	\$24,285,000
ROMAINE LETTUCE	2023	7,223	803.56	5,804,093	35 LBS	\$10.96	\$63,641,000
	2022	7,480	1,025.89	7,673,625	35 LBS	\$6.33	\$48,606,000
MISC. VEGETABLES	2023	35,911					\$307,237,000
	2022	29,594					\$280,455,000
CANTALOUPE	2023	3,351	676.50	2,266,956	40 LBS	\$13.58	\$30,782,000
	2022	3,211	837.17	2,688,142	40 LBS	\$8.91	\$23,956,000
HONEYDEW & MISC. MELONS	2023	1,161	747.09	867,164	40 LBS	\$13.32	\$11,552,000
	2022	1,208	910.04	1,099,330	40 LBS	\$7.83	\$8,609,000
TOTAL 2023	ACRES	137,921				VALUE	\$1,219,350,000
TOTAL 2022	ACRES	127,246				VALUE	\$1,115,591,000

1/Misc. Vegetables may include: Arugula, Beets, Bok Choy, Cabbage, Celery, Cilantro, Collard, Endive, Fennel, Gai Lon, Kale, Mizuna, Mustard, Napa Cabbage, Parsley, Peppers, Potato, Radish, Swiss Chard, Turnip, Watermelon.
 *2022 and 2023 Cabbage was included in Misc. Vegetables.
 Totals do not add due to rounding.



SUSTAINABLE AGRICULTURE

PEST DETECTION

TRAPPING

TARGET PESTS

	HOST CROPS	TRAPS PLACED	ANNUAL SERVICES
EUROPEAN CORN BORER	CORN & SORGHUM	13	104
VARIOUS EXOTIC FRUIT FLIES	FRUIT TREES & VEGETABLES	103	1,331
GLASSY-WINGED SHARPSHOOTER	CROPS & ORNAMENTALS	467	7,879
SPONGY MOTH	SHADE TREES	59	352
JAPANESE BEETLE	TURF & FLOWERS	60	360
KHAPRA BEETLE	STORED FOOD PRODUCTS	35	436
MEDITERRANEAN FRUIT FLY	FRUIT TREES	118	5,901
MELON FRUIT FLY	VEGETABLES	118	5,892
MEXICAN FRUIT FLY	FRUIT TREES	118	5,892
ORIENTAL FRUIT FLY	FRUIT TREES	118	5,892
SOUTH AMERICAN PALM WEEVIL	PALM TREES	87	1,482
FALSE CODLING MOTH	FRUIT TREES	50	287



SUSTAINABLE AGRICULTURE

PEST DETECTION

SURVEY

	TARGET PESTS/TYPE OF SURVEY		
	AREA SURVEYED	INSPECTIONS & FINDS	ACTIONS
ASIAN CITRUS PSYLLID / HUANGLONGBING	RESIDENTIAL CITRUS TREES WITHIN 2 MILES OF THE INTERNATIONAL BORDER	865 SITES SURVEYED 1,198 PLANTS SAMPLED 20 INSECT SAMPLES	NO ACTION NEEDED
GLASSY-WINGED SHARPSHOOTER	RETAIL NURSERY STOCK SHIPMENTS	1,214 INSPECTIONS- NO FINDS	4- RETURNED 6- OTHER
	BULK CITRUS FRUIT	176 INSPECTIONS - NO FINDS	NO ACTION NEEDED
AG & URBAN, A-RATED & NOXIOUS WEEDS PEST SURVEY	1,428 TOTAL MILES	4 POSITIVE SITES	900 - REMOVED
PATHOGENS OF CONCERN FOR EXPORT	268 FIELDS INSPECTED	119 TARGET PESTS OF CONCERN	NO ACTION NEEDED
IMPORTED FIRE ANT	9 HIGH RISK SITES	9 FIELD INSPECTIONS - NO FINDS	NO ACTION NEEDED
RED IMPORTED FIRE ANT	11 NURSERIES INSPECTED	0 POSITIVE	NO ACTION NEEDED
ASIAN CITRUS PSYLLID BULK CITRUS	CITRUS ORCHARDS	GROWER - 17 PACKER - 2 TRANSPORTER - 20	1 NOTICE OF VIOLATION
STANDARDIZATION ACTIVITIES	129 PREMISES INSPECTED	7,062 CONTAINERS INSPECTED 4 FAILED MATURITY	1 NON-COMPLIANCE



SUSTAINABLE AGRICULTURE

PLANT QUARANTINE

PEST EXCLUSION INSPECTION ~ SHIPMENTS ENTERING IMPERIAL

	TYPE OF INSPECTION		ORIGIN
	INSPECTIONS	POUNDS	
FIELD & VEGETABLE SEED	776	19,403,216	AB, AZ, ID, MB, MO, NE, OR, WA, TX
PLANTS	131	N/A	AZ, BC, MI, MS, OR
BEEES	7	N/A	AZ, OR

AB, MB and BC stand for Canada provinces Alberta, Manitoba and British Columbia, respectively.

NURSERY & SEED INSPECTION

NURSERY INSPECTIONS

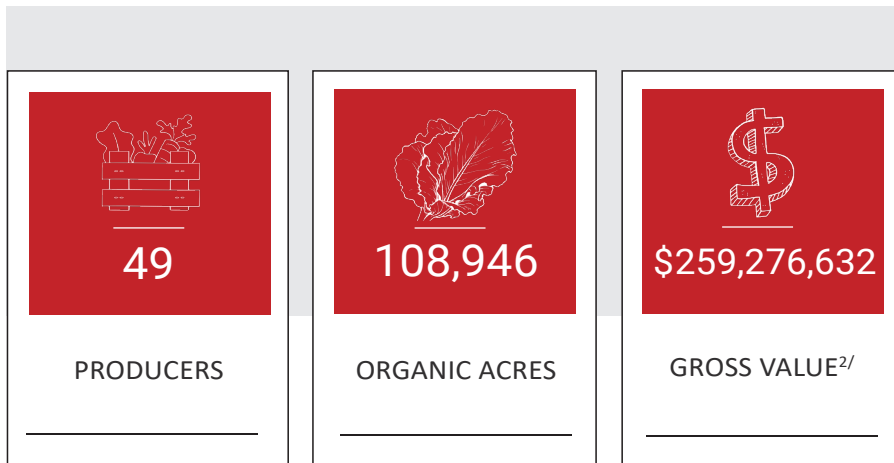
PRODUCTION NURSERY INSPECTIONS		
24	781.4	DATE PALMS, ORNAMENTAL PERENNIALS, CUT FLOWERS, CACTUS AND SUCCULENTS
LOCATIONS	PRODUCTION ACRES	NURSERY STOCK TYPE

CALIFORNIA CROP IMPROVEMENT ASSOCIATION INSPECTIONS & CERTIFICATION

TYPE OF INSPECTION	
HARVEST EQUIPMENT	68
SEED TRANSFER CERTIFICATION	6 IN-STATE 48 OUT OF STATE



ORGANIC PRODUCTION^{1/}



1/ <https://organic.cdffa.ca.gov/> - State Organic Program
 2/ Gross value includes producers, handlers and processors.

2023 EXPORT COMMODITIES

PHYTOSANITARY CERTIFICATES ISSUED

BY COUNTRY

IMPERIAL COUNTY ISSUED

18,616

FEDERAL CERTIFICATES^{1/}
TO 84 COUNTRIES

80.5%

TO 5 COUNTRIES

MEXICO	34.8%
JAPAN	29.6%
THE REPUBLIC OF KOREA	6.7%
TAIWAN	4.9%
UNITED KINGDOM	4.6%
OTHER	19.5%

BY STATE

IMPERIAL COUNTY ISSUED

1,209

STATE CERTIFICATES^{1/}
TO 13 STATES AND TERRITORIES

96.3%

TO 3 STATES

HAWAII	51.8%
FLORIDA	40.0%
ARIZONA	4.5%
OTHER	3.7%

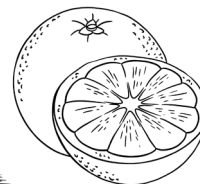
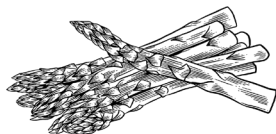
COMMODITIES EXPORTED^{2/}

TO OTHER COUNTRIES

VEGETABLES	44.5%
HAY	27.4%
SEEDS	15.5%
FRUIT	11.3%
OTHER	1.3%

TO STATES AND TERRITORIES

VEGETABLES	88.5%
NURSERY	9.2%
OTHER	2.2%



1/ Based on USDA Phytosanitary Certification Program
2/ Not all commodities originated in Imperial County



AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

852 Broadway, El Centro, CA 92243
(442) 265 1500

