



COLUSA COUNTY

Crop Report 2019

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Mission Statement

Our mission is to promote, protect and enhance agriculture and the environment while sustaining public health, safety and welfare for all the citizens of Colusa County and to provide consumer marketplace protection through the fair and equitable enforcement of laws and regulation.

We fulfill our mission through the following programs: Pest Detection, Pest Management, Pest Exclusion, Pesticide Use Enforcement, Seed Inspection, Nursery Inspection, Fruit & Vegetable Standardization, Egg Quality Control, Weights and Measures Enforcement and other non-regulatory programs.



Colusa County
Department of Agriculture

Greg Hinton

Agricultural Commissioner & Sealer of Weights & Measures
100 Sunrise Blvd., Suite F. Colusa, California 95932
(530) 458-0580

To: Karen Ross, Secretary
California Department of Food and Agriculture
and the Honorable Board of Supervisors, Colusa County

In accordance with the provisions of Section 2279 and 2272 of the California Food and Agricultural Code, I am pleased to submit the 2019 Colusa County Crop Report. This annual report presents statistical information on acreage, yield, and value of agricultural products grown within Colusa County.

Agriculture continues to be Colusa County's major producing industry. The 2019 gross production value for agriculture was \$932,963,000. This represents an increase of \$24,809,000 when compared to 2018 production values of \$908,154,000. The gross value for almonds in the amount of \$302,513,000 exceeded the value of rice at \$280,208,000 as the top commodity. Walnuts, processing tomatoes and apiary pollination of almonds were three, four and five respectively. Gross value of the top five commodities accounted for approximately 80% of the total gross value of commodities within Colusa County.

It is important to note that figures within this report show gross values only, and do not reflect a net return to the producer.

This report provides an annual opportunity to recognize growers, processors, producers and all businesses supportive to agriculture. As such, I wish to express sincere appreciation for the continued effort in providing information vital to the creation of this report.

Respectfully submitted,



Gregory A. Hinton
Agriculture Commissioner

**AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES**

Greg Hinton

**ASSISTANT AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES**

Anastacia Allen

AGRICULTURAL & STANDARDS BIOLOGIST III

Benjamin Reische

Kristen Ottenwalter

Ryan Jennings

AGRICULTURAL & STANDARDS BIOLOGIST I

Tyler Martin

Lyndee Hyatt

Jason Deaner

Frank Bowen

AGRICULTURAL AIDE

Phil Spivak

SUPPORT STAFF

Maisha Bullock - Fiscal Administrative Officer

Lee Ann Price - Accounting Technician

Dawn Brown - Account Clerk III

Anastasia Selover - Office Assistant III

Ronda Smith - Office Assistant

COUNTY BOARD OF SUPERVISORS

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Kent S. Boes - District III, Chairman

Gary J. Evans - District IV

Denise J. Carter - District V

Apiary Products

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	TOTAL
HONEY	2019	115,700	Lb.	4.00	\$433,875
	2018	36,793	Lb.	4.00	147,000
PACKAGE BEES ¹	2019	8,300	Lb.	110.00	913,000
	2018	3,000	Lb.	81.00	243,000
QUEENS	2019	33,559	Each	29.00	973,000
	2018	21,000	Each	28.00	588,000
POLLINATION ALMONDS	2019	137,506	Colony	210.00	28,876,000
	2018	131,740	Colony	206.00	27,138,000
MISCELLANEOUS ²	2019	-----		-----	810,000
	2018	-----		-----	772,000
TOTAL	2019				\$32,005,875
	2018				28,888,000

¹ Includes 3 pounds bulk bees and a queen.

² Pollination colonies include onion, prune, sunflower and vine seed crops pollinated in Colusa County.



Organic Production

Gross Value: \$8,000,000
28 Colusa County Producers
10 Colusa County Handlers

Includes almonds, cattle/beef, corn, rice, walnuts, wheat and various seed row crops.

The organic industry is constantly evolving to support a healthy and diverse environment with the availability of certified organic products. Government agencies, accredited certifiers and organic operators continuously work together to improve the certification process. With development of new ideas and more efficient practices, all involved strive to ensure preminent organic production and the vest ways to monitor and enforce these standards.

Fruit and Vegetable Crops

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
TOMATOES-PROCESSING	2019	12,330	51.00	628,830	Ton	\$72.00	\$45,276,000
	2018	14,050	49.33	693,087	Ton	71.00	49,209,000
MISCELLANEOUS ¹	2019	-----	-----	-----	----	-----	24,000,000
	2018	-----	-----	-----	----	-----	24,000,000
TOTAL	2019	12,330					\$69,276,000
	2018	14,050					73,209,000

¹ Includes bean, beet, cabbage, cantaloupe, carrot, corn, cucumber, eggplant, garlic, melon, mushroom, okra, onion, pea, pepper, potato, pumpkin, radish, spinach, squash, sweet corn, tomato, turnip and watermelon



Fruit and Nut Crops

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
ALMONDS - MEATS	2019	68,753	0.80	55,002	Ton	\$5,500.00	\$302,513,000
	2018	65,870	1.10	72,457	Ton	4,497.00	325,839,000
ALMONDS - HULL	2019	-----	-----	68,753	Ton	85.00	5,844,000
	2018	-----	-----	65,870	Ton	85.00	5,599,000
GRAPES, WINE	2019	1,888	8.86	16,728	Ton	805.00	13,466,000
	2018	1,972	8.20	16,170	Ton	855.00	13,826,000
OLIVES	2019	395	3.60	1,422	Ton	728.00	1,035,000
	2018	397	3.61	1,433	Ton	708.00	1,015,000
PRUNES	2019	762	2.35	1,791	Ton	2,150.00	3,850,000
	2018	808	2.55	2,060	Ton	2,100.00	4,327,000
WALNUTS - ENGLISH	2019	24,000	1.70	40,800	Ton	2,100.00	85,680,000
	2018	22,182	2.00	44,364	Ton	1,378.00	61,134,000
MISCELLANEOUS	2019 ¹		-----	-----	----	-----	23,000,000
	2018 ²	4,031	-----	-----	----	-----	30,000,000
TOTAL	2019	95,403					\$435,388,000
	2018	94,863					441,740,000

¹ Includes apple, apricot, aprium, cherry, citrus, fig, grapefruit, kiwi, kumquat, nectarine, peach, pear, pecan, persimmon, pistachio, plum, pluot & pomegranate

² Includes apple, apricot, asian pear, bare root nursery stock, cherry, kiwi, nectarine, peach, pear, pecan, persimmon, pistachio, pluot, plum & pomegranate.

Field Crops

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
BEANS - DRY	2019	4,151	1.15	4,774	Ton	1,000.00	\$4,774,000
	2018	3,014	1.12	3,376	Ton	940.00	3,173,000
CORN - GRAIN	2019	3,775	5.01	18,913	Ton	152.50	2,884,000
	2018	2,558	5.50	14,069	Ton	145.40	2,046,000
HAY - ALFALFA	2019	7,424	7.50	55,680	Ton	202.00	11,247,000
	2018	6,629	7.12	47,198	Ton	196.25	9,263,000
HAY - GRAIN ¹	2019	2,935	3.00	8,805	Ton	175.00	1,541,000
	2018	3,302	3.00	9,906	Ton	175.00	1,734,000
PASTURE - IRRIGATED	2019	1,100	-----	-----	Acre		206,000
	2018	1,100	-----	-----	Acre	187.00	206,000
PASTURE - DRYLAND	2019	180,000	-----	-----	Acre		4,140,000
	2018	180,000	-----	-----	Acre	23.00	4,140,000
RICE	2019	142,256	4.51	641,575	Ton	436.75	280,208,000
	2018	143,174	4.54	650,010	Ton	359.80	233,874,000
SAFFLOWER	2019	1,037	1.05	1,089	Ton	415.00	452,000
	2018	2,169	1.36	2,950	Ton	400.00	1,180,000
WHEAT	2019	9,224	3.02	27,856	Ton	182.50	5,084,000
	2018	8,797	2.71	23,840	Ton	199.00	4,744,000
MISCELLANEOUS	2019 ²	-----	-----	-----	----	-----	1,200,000
	2018 ³	-----	-----	-----	----	-----	1,100,000
TOTAL	2019	351,902					\$311,736,000
	2018	350,743					261,460,000

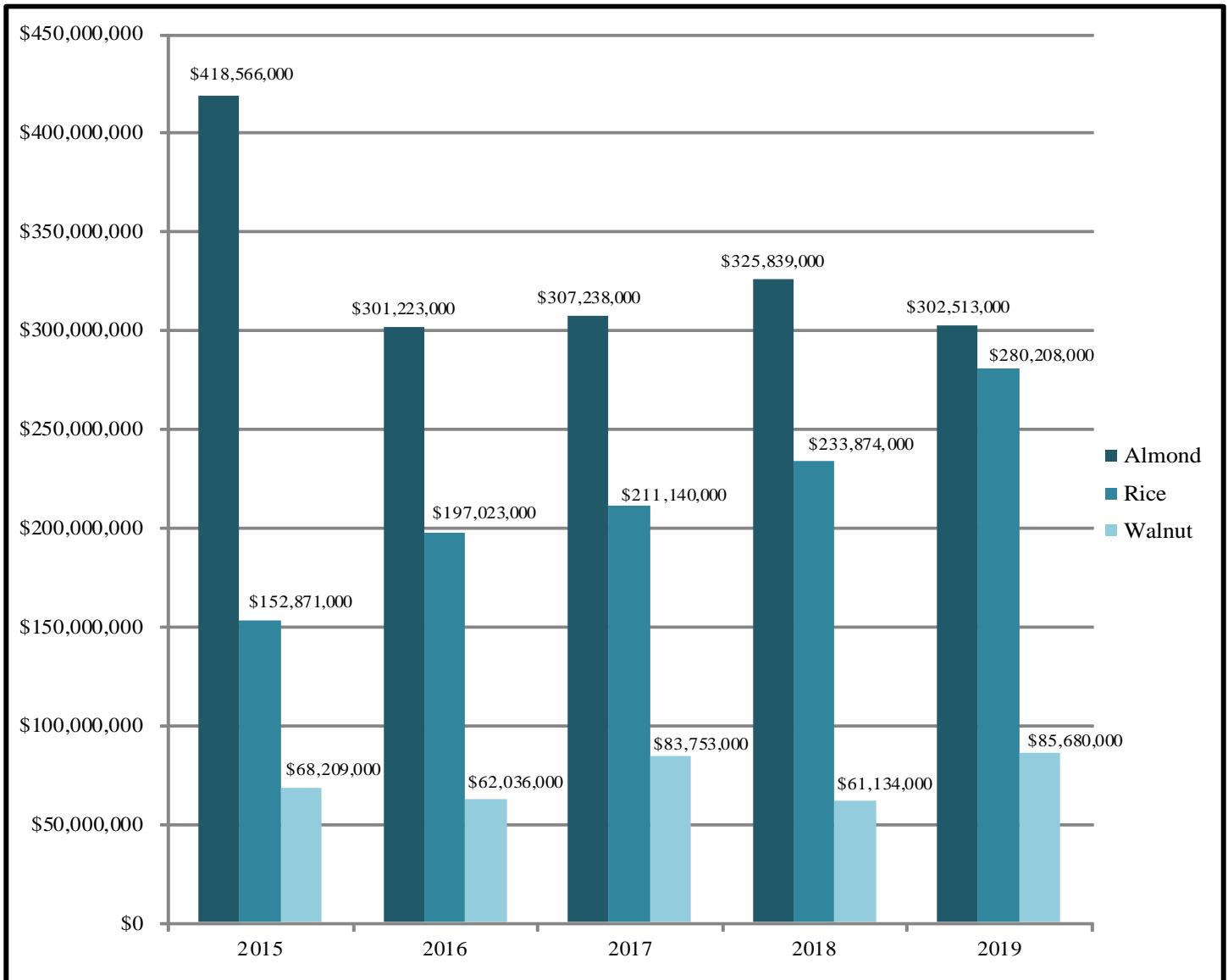
¹ Includes oat, rye grass, sudangrass, wheat and volunteer grain hay.

² Includes alfalfa stubble, barley, beans, rice & wheat straw, oats, organic rice and triticale.

³ Includes alfalfa stubble, barley, grain, oat, rye, rice & wheat straw, sorghum milo and triticale.



Top 3 Commodity Trends



Depicts annual crop value

Certified Seed Crops

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
RICE	2019	10,624	9,050	96,147,200	Lb.	0.18	17,306,000
	2018	9,271	8,761	81,223,231	Lb.	0.17	13,808,000
SUNFLOWER	2019	6,311	1,130	7,131,430	Lb.	1.44	10,269,000
	2018	8,257	1,788	14,763,516	Lb.	1.92	28,346,000
WHEAT	2019	311	5,702	1,773,322	Lb.	0.09	160,000
	2018	796	5,500	4,378,000	Lb.	0.10	438,000
MISCELLANEOUS	2019 ¹	143	-----	-----	Lb.	-----	825,000
	2018 ²	169	-----	-----	Lb.	-----	500,000
TOTAL	2019	17,389					\$28,560,000
	2018	18,493					43,092,000

¹ Asparagus, bean (chickpea), Triticale

² Alfalfa, asparagus, triticale and watermelon

Non-Certified Seed Crops

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
CUCUMBER	2019	1,342	334	448,228	Lb.	8.80	\$3,944,000
	2018	1,701	348	591,948	Lb.	6.01	3,558,000
MELON	2019	110	432	47,520	Lb.	3.50	166,000
	2018	201	431	86,631	Lb.	3.40	295,000
ONION	2019	87	175	15,225	Lb.	50.00	761,000
	2018	137	155	21,235	Lb.	51.50	1,094,000
SUNFLOWER	2019	1,490	1725	2,570,250	Lb. Lb.	0.89	2,288,000
SQUASH	2019	733	542	397,286	Lb.	6.35	2,523,000
	2018	1,177	525	617,925	Lb.	7.70	4,758,000
WATERMELON	2019	1,670	270	450,900	Lb.	6.38	2,877,000
	2018	2,421	315	762,615	Lb.	6.05	4,614,000
MISCELLANEOUS	2019 ³	-----	-----	-----	----	-----	14,943,000
	2018 ⁴	-----	-----	-----	----	-----	8,500,000
TOTAL	2019	3,942					\$27,502,000
	2018	5,637					22,819,000

³ Asparagus, barley, basil, bean, beet, broccoli, cabbage, cantaloupe, carrot, corn, collard, cotton, grass, herb, hybrid carrot, hybrid cucumber, hybrid squash, hybrid watermelon, lettuce, mint, mustard, pea, pepper, pumpkin, radish & wheat.

⁴ Barley, bean, beet, cantaloupe, carrot, cauliflower, celery, cilantro, corn, cotton, grass, gherkin, herb, kohlrabi, lettuce, mustard, parsley, radish, safflower, sunflower & tomato.

Livestock

ITEMS	YEAR	NUMBER OF HEAD	LIVE WEIGHT	UNIT	VALUE PER UNIT	TOTAL
CATTLE AND CALVES	2019	16,900	135,200	Cwt.	\$133.00	\$17,982,000
	2018	17,100	165,357	Cwt.	143.00	23,646,000
SHEEP AND LAMBS	2019	3,900	4,875	Cwt.	140.00	683,000
	2018	4,200	5,250	Cwt.	158.00	830,000
MISCELLANEOUS ¹	2019	-----	-----	----	-----	1,780,000
	2018	-----	-----	----	-----	771,000
TOTAL	2019					\$20,445,000
	2018					25,247,000

¹ Includes aquaculture, breeding stock, chickens, goats, hogs and turkeys.

Livestock Products

CROP	YEAR	PRODUCTION	UNIT	PER UNIT	TOTAL
MISCELLANEOUS	2019	-----	-----	-----	\$50,000
	2018	-----	-----	-----	50,000
TOTAL	2019				\$50,000
	2018				50,000



Ten Leading Farm Commodities

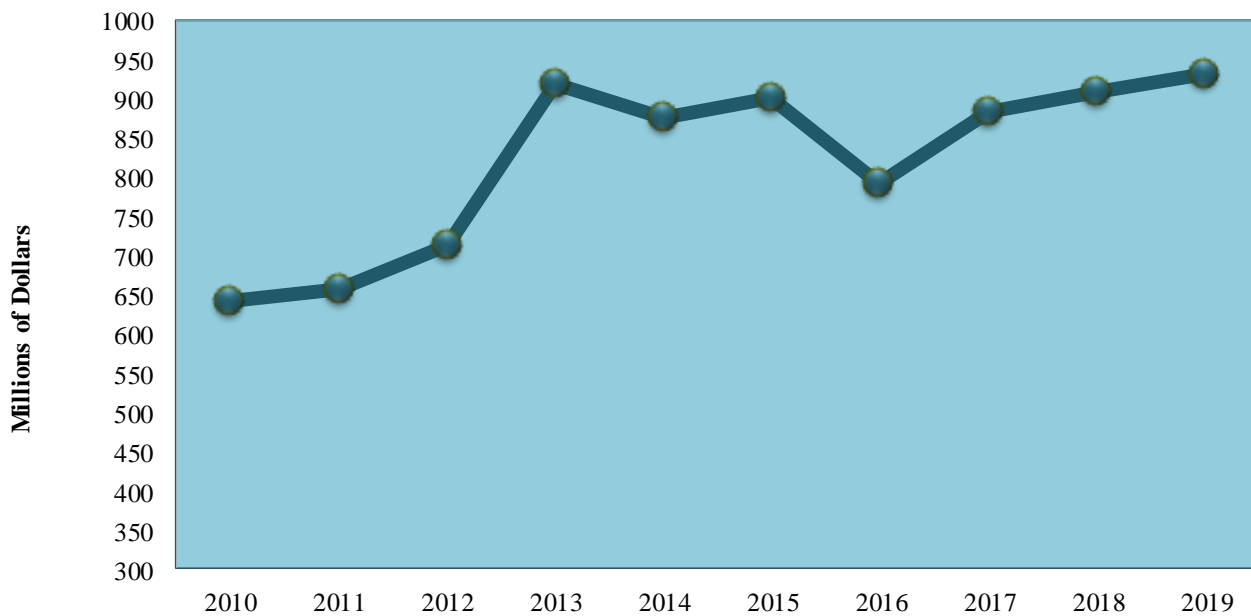
CROP	2019	CROP	2018
ALMONDS - MEATS	\$302,513,000	ALMONDS - MEATS	\$325,839,000
RICE	\$280,208,000	RICE	\$233,874,000
BEARING WALNUTS - ENGLISH	\$85,680,000	BEARING WALNUTS - ENGLISH	\$61,134,000
TOMATOES - PROCESSING	\$45,276,000	TOMATOES - PROCESSING	\$49,209,000
POLLINATION - ALMONDS	\$28,876,000	MISCELLANEOUS - FRUIT & NUT CROPS	\$30,000,000
MISCELLANEOUS - FRUIT & VEGETABLE CROPS	\$24,000,000	SUNFLOWER	\$28,346,000
MISCELLANEOUS - FRUIT & NUT CROPS	\$23,000,000	POLLINATION - ALMONDS	\$27,138,000
CATTLE & CALVES	\$17,982,000	MISCELLANEOUS - FRUIT & VEGETABLE CROPS	\$24,000,000
RICE SEED	\$17,306,000	CATTLE & CALVES	\$23,646,000
MISCELLANEOUS NON-CERTIFIED SEED CROPS	\$14,943,000	WINE GRAPES	\$13,826,000



Ten Year Comparison

2019	GRAND TOTAL	932,963,000
2018	GRAND TOTAL	908,154,000
2017	GRAND TOTAL	883,580,000
2016	GRAND TOTAL	791,664,000
2015	GRAND TOTAL	901,764,000
2014	GRAND TOTAL	876,347,000
2013	GRAND TOTAL	920,110,930
2012	GRAND TOTAL	711,768,100
2011	GRAND TOTAL	657,735,000
2010	GRAND TOTAL	640,802,000

Annual Crop Value Trend



Colusa County Exported Commodities and Destinations

Exported Commodities

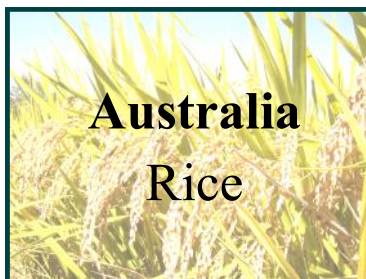
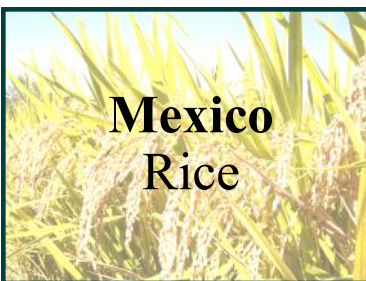
Almonds	Cabbage*	Endive*	Parsley*	Tomato*
Arugula*	Carrot*	Gourd*	Pea*	Turnip*
Artichoke*	Catnip*	Kale*	Pepper*	Walnuts
Amaranth*	Cauliflower*	Lavender*	Pumpkin*	Watercress*
Asparagus*	Celery*	Lentil*	Quinoa	Watermelon*
Basil*	Chick Pea*	Lettuce*	Radish*	Wheat
Barley	Chives*	Melon*	Rapine*	Wild Rice
Bean	Coriander*	Mizuna*	Rice	Zinnia *
Beet*	Corn*	Mustard*	Sage*	
Black Eyed Pea	Cucumber*	Nasturtium*	Squash*	
Borage*	Dill*	Okra*	Sunflower*	
Broccoli*	Eggplant*	Onion*	Swiss Chard*	
Brussel Sprouts*	Fennel*	Oregano*	Thyme*	

* Denotes seed exported

Exported Countries

Afghanistan	Czech Republic	India	Nicaragua	Singapore
Algeria	El Salvador	Iraq	Norway	South Africa
Australia	Fiji	Israel	Pakistan	Spain
Austria	Finland	Italy	Palestinian Territory	Sweden
Bahrain	France	Japan	Panama	Switzerland
Belarus	French Polynesia	Jordan	Malaysia	Taiwan
Belgium	Germany	Kuwait	Myanmar	Trinidad & Tobago
Bolivia	Ecuador	Lebanon	Oman	Turkey
Brazil	Georgia	Lithuania	Peru	Ukraine
Chile	Egypt	Mexico	Poland	United Arab Emirates
China	Greece	Mongolia	Qatar	United Kingdom
Colombia	Guatemala	Morocco	Republic of Korea	Venezuela
Costa Rica	Honduras	Netherlands	Russian Federation	
Cyprus	Hong Kong	New Zealand	Saudi Arabia	

Top 6 Export Countries and the top Commodity



Pest Detection

The primary responsibility of the Pest Detection Program is the early detection and prompt eradication of the serious agricultural pests in California. The Colusa County Department of Agriculture monitored for the following pests during the 2019 Trapping season.

INSECT	TRAP TYPE	SEASON	HOST	TOTAL TRAPS	SERVICINGS
Mediterranean Fruit Fly	Jackson Trap	May - Oct	Fruit Tree	31	250
Oriental Fruit Fly	Jackson Trap	May - Oct	Fruit Tree	12	118
Gypsy Moth	Delta Trap	June - Sept	Shade Tree	50	136
Melon Fly	Jackson Trap	June - Sept	Garden	12	96
Japanese Beetle	JB Trap	June - Sept	Rose/Turf	12	69
Light Brown Apple Moth	Jackson Trap	May - Oct	Fruit Tree	27	275
Glassy Winged Sharp Shooter	Yellow Panel Trap	May - Oct	Ornamental	27	297
Asian Citrus Psyllid	Yellow Panel Trap	Nov - Apr	Fruit Tree	40	240
European Grapevine Moth	Delta Trap	Mar - Aug	Grapes	69	759



Department of Weights and Measures

In Colusa County, the Department of Weights and Measures works behind the scenes to protect both buyers and sellers from malfunctioning devices and unfair marketing practices. Ensuring fair and honest competition for industry and accurate value comparison for consumers are the primary functions carried out by this Department. Consumers are able to shop with confidence because of the inspections, investigations, and certifications conducted by Weights and Measures inspectors.

Weighing and Measuring Device

All weighing and measuring devices used in commercial transactions are tested for accuracy on an annual basis by department inspectors.

Scales annually tested and certified include: Computing scales, counter scales, dormant and portable scales, hopper scales, live-stock scales, analytical scales, hanging scales, and vehicle scales.

Total number of scales certified in 2019: 232

Petroleum Products

Inspectors routinely check for labeling on motor fuel dispensers and underground fuel storage tanks, and price signs are inspected for accuracy, size, and legibility.

Meters tested and certified include: Electric submeters, liquid propane gas meters, fuel meters, vapor meters, vehicle meters, and water meters.

Total number of meters certified in 2019: 1,080

The Department of Weights and Measures also investigates any citizen or state complaint regarding Price Verification and Quantity Control. This is to ensure that the citizens of Colusa County are purchasing products as advertised anywhere commerce is conducted.



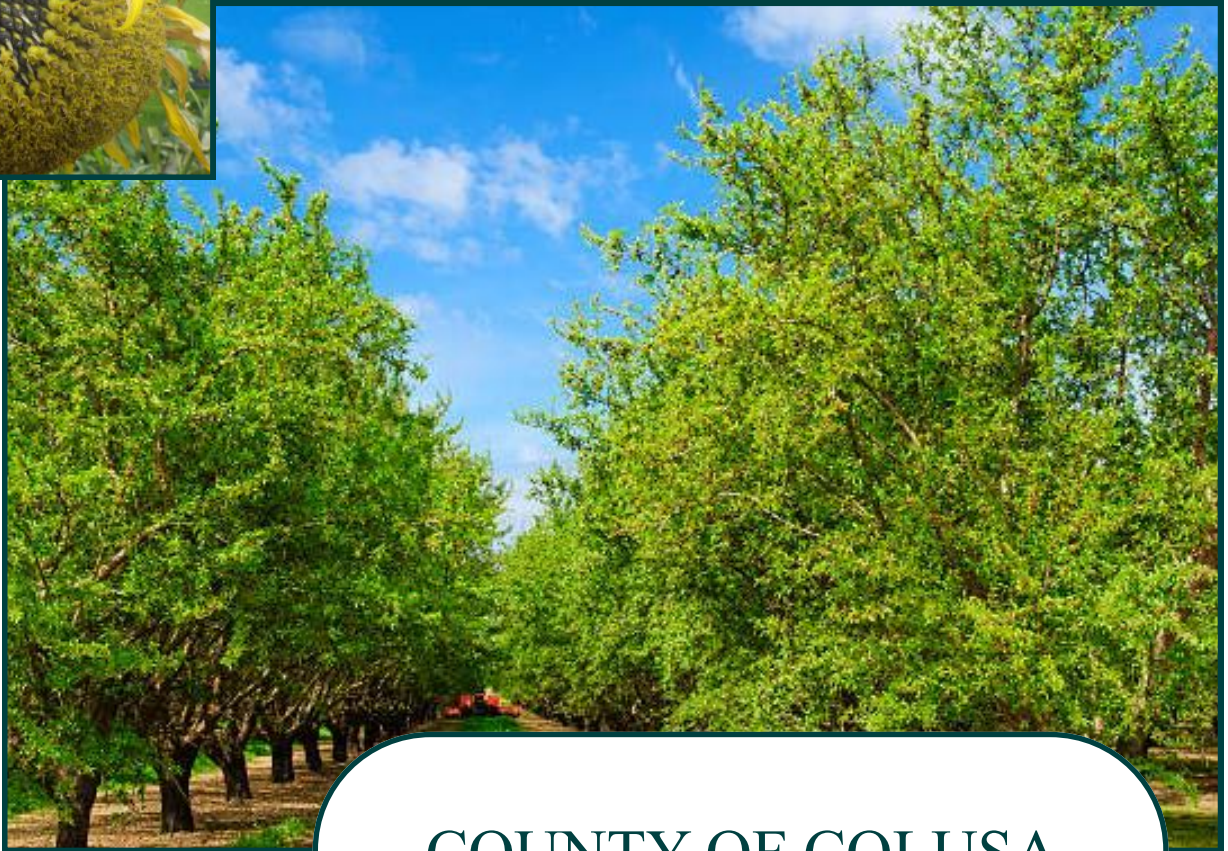


COLUSA COUNTY

Annual Crop Report Data is compiled from grower surveys sent out each year. Thank you for your continued participation in this process.

For your copy of the 2019 Colusa County Crop report please visit www.countyofcolusa.org or visit our office at 100 Sunrise Blvd. Suite F, Colusa California.

Thank you for supporting Colusa County Agriculture!



COUNTY OF COLUSA

Agricultural Commissioner

Sealer of Weights and Measures

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Colusa, CA 95932

