



- 2 Agricultural Commissioner's Letter
- 3 Mission Statement/Staff
- 4 Fruit & Nut Crops
- 5 Field Crops
- 6 Seed Crops
- 7 Livestock/Apiary Products
- 8 Vegetable Crops/Nursery Products
- 9 Enhancing Stewardship in Sacramento Valley Rice Fields
- 11 Ten Leading Crops
- 12 Gross Production Value
- 13 Statistics General
- 15 Statistics Sustainable
- 17 Sutter County Exports



OFFICE OF THE

AGRICULTURAL COMMISSIONER SEALER OF WEIGHTS & MEASURES

LISA D. HERBERT

Agricultural Commissioner Sealer of Weights and Measures

October 2019

Karen Ross, Secretary
California Department of Food and Agriculture
and
The Honorable Board of Supervisors of Sutter County
Mat Conant, District 5, Chairman
Ron Sullenger, District 1
Dan Flores, District 2
Mike Ziegenmeyer, District 3
Jim Whiteaker, District 4

I am pleased to present the 2018 Crop and Livestock Report for Sutter County. The report is prepared pursuant to Section 2279 of the California Food and Agricultural Code and is a summary representing estimated acreage, yield and gross values. The gross value of Sutter County agricultural production for 2018 was \$605,399,000. This is an increase of \$21,403,000 or 3.7% above the 2017 total value.

Rice remains the top-ranking crop in 2018 with a 29% increase in acreage. A slight decrease in yield was offset by an increase in price pushing the total value to \$178,511,000. In second place, walnuts total value decreased 34.1% to \$85,956,000 due to a dramatic drop in price, even though acreage was up considerably. Clingstone peaches rose from fifth place to third due to increases in acreage, yield and price to a total value of \$59,798,000. Prunes dropped one spot to fourth with increases in acreage, yield and slight drop in price to a total value of \$57,041,000. In fifth, nursery products remained strong with a 12.8% increase in total value to \$53,414,000, due to increases in acreage and quantity sold. Rising to sixth, processing tomatoes had a 36.0% increase in acreage, as well as increases in yield and price to a total value of \$37,887,000. Almonds dropped to seventh with slight increase in acreage and slight drops in yield and price to a total value of \$33,155,000.

Rice was first planted commercially in Sutter County in 1913. In that year, 395 acres were planted in the south east part of the Sutter Basin. In the past 30 years, rice has remained our number one crop 28 times only yielding the top spot to prunes in 1989 and walnuts in 2014. Our feature article, Enhancing Stewardship in Sacramento Valley Rice Fields by Paul Buttner, Environmental Affairs Manager at the California Rice Commission, showcases a grower's ability to provide environmental benefits in their rice fields.

I would like to express my sincere appreciation for the cooperation of all the growers, organizations and individuals who provided us the data that allows this report to be compiled. Thank you to all my staff, especially Nick Oliver for compiling and analyzing the data and Allyson Wadkins for the graphic design. This report represents gross values only and does not reflect net profits or loss to the producers.

To learn more about the Agricultural Commissioner's Office and the services we provide including crop reports dating back to 1940, please visit our website at http://www.co.sutter.ca.us/doc/government/depts/ag/aghome.

Respectfully submitted,

Lisa D. Herbert Agricultural Commissioner



ur mission is to serve the public's interest by ensuring equity in the marketplace, promoting and protecting agriculture, assuring environmental quality and protecting the health, safety and welfare of Sutter County's citizens.

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

AGRICULTURAL COMMISSIONER/SEALER OF WEIGHTS AND MEASURES

Lisa D. Herbert

ASSISTANT AGRICULTURAL COMMISSIONER/SEALER OF WEIGHTS AND MEASURES

Nicolas Oliver

DEPUTY AGRICULTURAL COMMISSIONER/SEALER

Scott Bowden

AGRICULTURAL & STANDARDS BIOLOGIST III

Hardeep Bains Michael Berry Kim Hicks Janice Kendel Janet Kirkman Kevin Putman

AGRICULTURAL & STANDARDS BIOLOGIST II

Rebecca Mendonza Sean Nelson Elisabeth Quick

AGRICULTURAL & STANDARDS BIOLOGIST I

Ryan Coleman Christopher Ramirez Diana Thao Molly Yager

AGRICULTURAL FIELD ASSISTANT II

Sandra Schwall

ANIMAL DAMAGE CONTROL SPECIALIST

Jim Kincaid

SUPPORT STAFF

Tara Cole - Accounting Technician I Amanda Dickson - Secretary Allyson Wadkins - Secretary



CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
Almonds, Meats	2018	12,369	0.59	7,298	Ton	\$4,543	\$33,155,000
	2017	12,265	0.63	7,727	Ton	\$4,695	\$36,278,000
Almonds, Hulls	2018			9,123	Ton	100	912,000
	2017			9,659	Ton	100	966,000
Olives	2018	733	2.03	1,488	Ton	724	1,077,000
	2017	1,168	3.95	4,614	Ton	505	2,330,000
Peaches, Clingstone	2018	8,290	15.25	126,423	Ton	473	59,798,000
	2017	6,603	14.52	95,876	Ton	456	43,719,000
Persimmons	2018	175	4.46	781	Ton	534	417,000
	2017	172	8.14	1,400	Ton	764	1,070,000
Prunes, Dried	2018	13,350	2.28	30,438	Ton	1,874	57,041,000
	2017	12,273	2.24	27,492	Ton	1,905	52,372,000
Walnuts, English	2018	37,841	1.54	58,275	Ton	1,475	85,956,000
	2017	30,700	1.80	55,260	Ton	2,360	130,414,000
Miscellaneous ¹	2018	725		2,777	Ton		4,605,000
	2017	669		2,977	Ton		3,739,000
Orchard By-Products	2018						4,932,000
	2017						5,500,000
TOTAL	2018	73,483					\$247,893,000
	2017	63,850					\$276,388,000

CROP	BEARING	G ACRES	NON-BEARING ACRES		
CKOI	2018	2017	2018	2017	
Almonds	12,369	12,265	2,039	4,015	
Olives	733	1,168	220	0	
Peaches, Clingstone	8,290	6,603	909	2,120	
Persimmons	175	172	9	11	
Prunes, Dried	13,350	12,273	2,246	2,327	
Walnuts, English	37,841	30,700	4,223	5,499	
Miscellaneous 1	725	669	57	53	
TOTAL	73,483	63,850	9,703	14,025	

¹ Includes Apples, Apricots, Berries (Blackberries, Boysenberries & Raspberries), Cherries, Chestnuts, Citrus (Grapefruit, Lemons, Limes, Mandarins, Oranges, Tangerines), Feijoa, Figs, Grapes, Jujubes (Chinese Date), Kiwifruit, Kumquat, Nectarines, Nectaplums, Peaches (Freestone), Peacotum, Pears, Peacans, Pittachio Nuts, Plums, Pluots, Omegranates, Quince, Strawberries, Walnuts (Black) and other miscellaneous fruit and nut crops of a limited number of growers/processors in Sutter County.



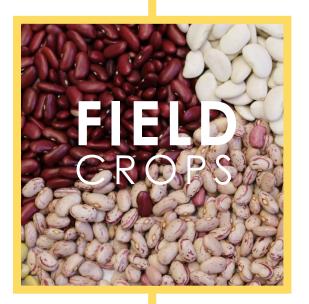
2017 2018

\$247,893,000 \$276,388,000

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
Bean, Dried Edible ¹	2018	7,676	1.03	7,906	Ton	\$1,036	\$8,191,000
	2017	5,688	0.92	5,233	Ton	\$916	\$4,793,000
Corn, Field Grain	2018	6,101	5.76	35,142	Ton	187	6,572,000
	2017	15,016	5.81	87,243	Ton	148	12,912,000
Hay, Alfalfa	2018	5,271	13.24	69,788	Ton	186	12,981,000
	2017	4,135	4.10	16,954	Ton	196	3,323,000
Hay, Grain	2018	3,981	3.48	13,854	Ton	156	2,161,000
	2017	4,094	3.08	12,610	Ton	154	1,942,000
Pasture, Irrigated ²	2018	9,500			Ton	137	1,302,000
	2017	9,500			Ton	138	1,311,000
Pasture, Range Dry ²	2018	61,000			Ton	16	976,000
	2017	63,000			Ton	21	1,323,000
Rice ³	2018	103,705	4.33	449,043	Ton	382	171,534,000
	2017	80,531	4.86	391,381	Ton	377	147,551,000
Safflower	2018	2,798	1.09	3,050	Ton	400	1,220,000
	2017	3,528	1.22	4,304	Ton	310	1,334,000
Wheat, Grain	2018	7,967	3.15	25,096	Ton	193	4,844,000
	2017	4,814	1.46	7,028	Ton	155	1,089,000
Miscellaneous ⁴	2018	10,911		26,967	Ton		5,768,000
	2017	10,843		14,256	Ton		7,860,000
Field Crop	2018				Ton		4,317,000
By-Products	2017				Ton		3,662,000
TOTAL	2018	218,910					\$219,866,000
	2017	201,149					\$187,100,000

¹ Includes all varieties of edible Dried Bean, including Lima, Blackeye, Garbanzo, Light and Dark Red Kidney Bean, and other miscellaneous beans of a limited number of growers/processors in Sutter County.

2 The valuation is not an animal production figure but a land value (rental equivalent).



Includes Barley, Corn (Silage), Cotton, Grass Hay, Oats (Silage), Popcorn, Triticale, Vetch, Sorghum and other miscellaneous field crops of a limited number of growers/processors in Sutter County.

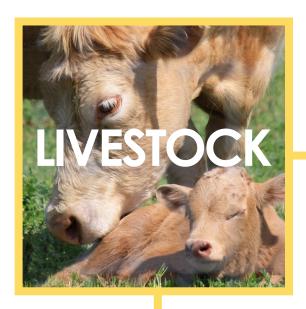
2017 2018

\$29,634,000 \$27,635,000



CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
Cucumbers	2018	725	42	30,000	Lb	\$52.78	\$1,583,000
	2017	641	218	140,000	Lb	\$14.32	\$2,005,000
Pumpkins & Squash	2018	295	636	188,000	Lb	5.34	1,004,000
	2017	341	523	178,000	Lb	5.61	999,000
Rice	2018	3,862	8,603	33,225,000	Lb	0.21	6,977,000
	2017	2,887	8,003	23,105,000	Lb	0.18	4,159,000
Safflower	2018	564	1,945	1,097,000	Lb	0.22	241,000
	2017	862	1,535	1,323,000	Lb	0.73	966,000
Sunflower	2018	11,004	966	10,630,000	Lb	1.43	15,201,000
	2017	10,568	847	8,951,000	Lb	1.24	11,099,000
Watermelons	2018	1,108	272	301,000	Lb	9.21	2,772,000
	2017	852	163	139,000	Lb	52.47	7,293,000
Wheat	2018	362	6,184	2,239,000	Lb	0.10	224,000
	2017	210	4,582	962,000	Lb	0.08	77,000
Miscellaneous ¹	2018	906		2,551,000	Lb		1,632,000
	2017	328		317,000	Lb		1,037,000
TOTAL	2018	18,826					\$29,634,000
	2017	16,689					\$27,635,000

¹ Includes Alfalfa, Arugula, Basil, Fresh Beans, Dried Beans (Blackeye, Cowpea, Cranberry, Lima, Dark Red Kidney, Light Red Kidney), Broccoli, Cabbage, Cantaloupe, Carrots, Cauliflower, Coriander, Gourds, Kale, Lettuce, Onion, Peppers, Mixed Melons, Okra, Radish, Sugar Peas, Swiss Chard, Tomato, Tomatillo, Triticale, Wild Rice and other miscellaneous seed crops of a limited growers/processors in Sutter County.



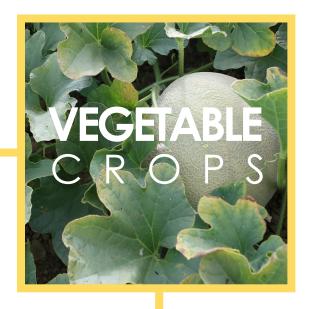
ITEM	YEAR	NUMBER	LIVE WEIGHT	UNIT	VALUE PER UNIT	TOTAL
Cattle & Calves ¹	2018	2,720	21,257	Cwt.	\$112	\$2,381,000
	2017	3,200	23,741	Cwt.	\$97	\$2,303,000
Sheep & Lambs	2018	2,848	3,016	Cwt.	141	425,000
	2017	4,062	6,286	Cwt.	123	773,000
Miscellaneous ²	2018					3,242,000
	2017					3,242,000
Livestock By-Products	2018					3,000
	2017					3,000
TOTAL	2018					\$6,051,000
	2017					\$6,321,000

Includes USDA Support Price.
 Includes Alpaca & Angora Fur, Aquaculture, Chickens, Chicken Eggs, Ducks, Fish Bait, Geese, Goats, Hogs, Milk (Market), Game Birds, Musk Oxen, Pheasants, Pigeons, Rabbits, Rabbit Hides, Turkeys, Water Buffalo, Wool and other miscellaneous livestock and poultry of a limited number of growers/processors in Sutter County.



ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	TOTAL
Pollination	2018	59,681	Colony	\$83	\$4,954,000
	2017	58,330	Colony	\$87	\$5,075,000
Miscellaneous ¹	2018				1,207,000
	2017				1,231,000
TOTAL	2018				\$4,954,000
	2017				\$6,306,000

¹ Includes Package Bees, Queen Bees, Honey and Wax.



2017 2018

\$43,587,000 \$32,897,000

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
Melons, Honeydew	2018	295	12.48	3,682	Tons	\$467	\$1,719,000
	2017	811	10.89	8,832	Tons	\$400	\$3,533,000
Tomatoes, Processing	2018	11,651	45.80	533,616	Tons	71	37,887,000
	2017	8,570	41.85	358,655	Tons	70	25,106,000
Miscellaneous ¹	2018	465		9,704	Tons		3,981,000
	2017	956		10,340	Tons		4,258,000
TOTAL	2018	12,411					\$43,587,000
	2017	10,337					\$32,897,000

1 Includes Artichoke, Asparagus, Basil, Beets, Bitter Melons, Bok Choy, Broccoli, Brussels Sprouts, Cabbage, Cantaloupe, Carrots, Cauliflower, Celery, Chard, Cilantro, Corn (sweet), Cucumbers, Eggplant, Garlic, Gourds, Green Beans, Herbs, Kale, Kohlrabi, Leeks, Lettuce, Melons (Mixed), Mustard, Okra, Onions, Parsnips, Peas, Peppers, Potatoes, Pumpkins, Radishes, Rhubarb, Rutabagas, Shallots, Spinach, Sprouts, Squash, Sweet Potatoes, Tomatillos, Tomatoes (Fresh), Turnips, Watermelons, Winter Squash, Zucchini and other miscellaneous vegetables of a limited number of growers/processors in Suther County.

2017 2018

\$53,414,000 \$47,349,000

ITEM	YEAR	FIELD ACRES	QUANTITY SOLD	TOTAL
Trees and Vines	2018	376	16,727,000	\$53,141,000
(Fruit and Nut, Bareroot and Potted)	2017	228	12,972,000	\$46,732,000
Miscellaneous 1	2018	6	80,000	273,000
	2017	7	58,000	617,000
TOTAL	2018	382	16,807,000	\$53,414,000
	2017	235	13,030,000	\$47,349,000





By Paul Buttner, Environmental Affairs Manager, California Rice Commission

e at the Rice Commission are dedicated to maximizing a grower's ability to provide environmental benefits in their fields. Through a variety of initiatives, we have had success at the state and federal levels, with new promising projects on the horizon.



These programs include:

California Winter Rice Habitat Incentive Program

Thanks to the dedication of Assembly Member Cecilia Aguiar-Curry and several of our conservation partners, the CRC successfully got AB 2348 through the Legislature and signed into law by the Governor. This bill establishes a winter flooding habitat incentives program, to begin this winter, with administration handled by the California Department of Fish and Wildlife. Initial funding is set at \$5 million.

Ricelands Salmon Habitat Pilot Project

We are working with a coalition of scientists and project funders to hopefully help salmon in a meaningful way, just like our industry has been able to do to help birds. This \$1.4 million pilot project will test and refine rice field practices that could be implemented to help struggling salmon populations. Despite challenges from the wet winter and spring, we have completed year one of this effort.

Regional Conservation Partnership Program

This \$7 million program began in 2015 and has supported many valuable rice shorebird habitat projects. Acreage is winding down and program funding will be completely expended at the end of this year.



BirdReturns

Our efforts with The Nature Conservancy continue to pay dividends. This is the program where growers competitively bid for the opportunity to deliver waterbird habitat benefits. We are five-years into this program.

The Rice Commission will continue to look for partnerships to help growers throughout the Sacramento Valley continue our well-deserved legacy as "The Environmental Crop" in California.







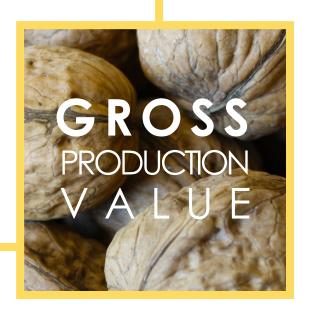


CROP	2018	CROP	2017
RICE 1	\$178,511,000	RICE ¹	\$151,710,000
WALNUTS	\$85,956,000	WALNUTS	\$130,414,000
PEACHES, CLINGSTONE	\$59,798,000	PRUNES, DRIED	\$52,372,000
PRUNES, DRIED	\$57,041,000	NURSERY PRODUCTS	\$47,349,000
NURSERY PRODUCTS	\$53,414,000	PEACHES, CLINGSTONE	\$43,719,000
TOMATOES, PROCESSING	\$37,887,000	ALMONDS	\$36,278,000
ALMONDS	\$33,155,000	TOMATOES, PROCESSING	\$25,106,000
SUNFLOWER, SEED	\$15,201,000	CORN, FIELD	\$12,912,000
ALFALFA	\$12,981,000	SUNFLOWER, SEED	\$11,099,000
BEAN, DRIED EDIBLE ^{2,3}	\$8,730,000	WATERMELON, SEED	\$7,293,000

¹ Includes Seed, does not include Wild Rice.
2 Includes all varieties of edible Dried Bean, including Lima, Blackeye, Garbanzo, Light and Dark Red Kidney Bean, and other miscellaneous beans of a limited number of growers/processors in Sutter County.
3 Includes Seed.

YEAR	VALUE	YEAR	VALUE	YEAR	VALUE
1959	\$50,707,000	1979	258,666,900	1999	347,939,000
1960	50,536,000	1980	299,014,700	2000	340,176,000
1961	55,585,000	1981	316,465,900	2001	264,673,000
1962	57,322,000	1982	247,784,100	2002	291,061,100
1963	55,155,000	1983	205,335,300	2003	307,322,300
1964	66,740,000	1984	262,285,500	2004	299,219,300
1965	64,564,000	1985	255,449,600	2005	305,190,190
1966	71,627,000	1986	229,364,800	2006	358,845,200
1967	69,313,000	1987	216,183,600	2007	377,940,800
1968	80,275,000	1988	201,345,800	2008	498,195,200
1969	74,006,000	1989	243,940,200	2009	475,691,100
1970	77,238,000	1990	217,400,000	2010	521,640,570
1971	82,209,000	1991	268,941,900	2011	518,198,460
1972	95,118,000	1992	285,622,700	2012	528,253,000
1973	159,204,000	1993	292,108,300	2013	597,530,000
1974	179,719,000	1994	340,171,300	2014	726,066,000
1975	187,517,000	1995	330,170,500	2015	538,147,000
1976	178,554,000	1996	302,706,400	2016	514,408,000
1977	200,878,000	1997	277,169,700	2017	583,996,000
1978	220,502,000	1998	268,323,100	2018	605,399,000

CATEGORIES	2018	2017
FRUIT & NUT CROPS	\$247,893,000	\$276,388,000
FIELD CROPS	\$219,866,000	\$187,100,000
SEED CROPS	\$29,634,000	\$27,635,000
VEGETABLE CROPS	\$43,587,000	\$32,897,000
NURSERY PRODUCTS	\$53,414,000	\$47,349,000
LIVESTOCK PRODUCTS	\$6,051,000	\$6,321,000
APIARY PRODUCTS	\$4,954,000	\$6,306,000
TOTAL	\$605,399,000	\$583,996,000



STATISTICS GENERAL

Crop Statistics

As required by the California Food and Agricultural Code, the gross production and value of the county's commodities are compiled and recorded in the annual crop report. This valuable information helps associated businesses while promoting the production and prosperity of agriculture in California.

Total Hours Expended 2018: 342

Apiary Inspection

This program emphasizes the registration and site location of honeybee colonies in the county. At the request of beekeepers or growers, the County Agricultural Commissioner inspects colonies for strength and health to ensure effective pollination.

Total Hours Expended 2018: 31

Seed Certification

Inspections are performed at retail and wholesale establishments that sell seed. Samples are drawn for germination and purity testing and labeling is inspected for compliance with state requirements. Through this program certification services are also available for growers and processors in cooperation with the California Crop Improvement Association.

Total Hours Expended 2018: 297

Kill the Bug, Recycle the Jug

This program is funded by a grant from the Feather River Air Quality Management District with the Sutter County Agricultural Commissioner's Office making an in-kind contribution of approximately 118 manhours annually. Growers are encouraged to bring their empty pesticide containers to permanent recvcling locations or recycling events held throughout the year. In 2018 we recycled 113,020 pounds of used pesticide containers. A total of 1,080,427 pounds have been recycled since the program in 2007.

Pesticide Use Enforcement

This is a complex legislatively mandated program that provides for the proper, safe and effective use of pesticides essential for production of food and fiber and for protection of the public health and safety. It also protects the environment from potentially harmful pesticides by prohibiting, regulating or ensuring proper stewardship of pesticides. An important component of the program focuses on agricultural and pest control workers, ensuring safe working conditions, use of proper protective equipment and training for employees who work with or around pesticides. Other components of the program include pesticide use reporting, incident investigations, outreach activities promoting best management practices and monitoring applications in the field.

Total Hours Expended 2018: 12,528

mercially grown and/or marketed in

California's minimum standards regarding quality and marketing of all produce commercially grown and/or marketed in the state. Regulation of one certified farmers' market and 32 certified producers as well as Organic Program law enforcement are part of a program that provides for local protection to growers, marketers and consumers.

Fruit, Nut and Vegetable Standardization
This program ensures compliance with

Total Hours Expended 2018: 934

Measurement Standards

County Weights and Measures officials ensure the accuracy of commercial weighing and measuring devices; verify the quantity of both bulk and packaged commodities; and enforce the quality, advertising and labeling standards for most petroleum products.

Total Hours Expended 2018: 3,009

Pest Management

The County Agricultural Commissioner is charged with the responsibility of managing nuisance pests of agriculture and human health. Many of these pests are introduced species that have become established despite our best pest exclusion efforts. If promising, programs are established to distribute biological agents for troublesome pests.

To prevent the spread of glassy-winged sharp-shooter (GWSS), Sutter County inspected 155 shipments of nursery stock arriving from infested areas in California. There were zero shipments of plant material rejected for the presence of GWSS egg masses or other life stages. There were 127 traps placed in nurseries and urban areas for the detection of GWSS, which were serviced a total of 1,222 times.

The Biological Control program utilizes natural enemies to suppress populations of pests to economically and environmentally acceptable levels. Following establishment, the agents are self-sustaining, reducing the need for chemical controls. A number of biological control agents are of general distribution or locally established, including agents for puncturevine (Tribulus terrestris) and yellow starthistle (Centaurea solstitialis). The puncturevine agents include puncturevine seed weevil (Microlarinus lareynii) and puncturevine stem weevil (M. lypriformis) and are distributed countywide. There are six yellow starthistle agents present in Sutter County. Additionally, the lerp psyllid wasp (Psyllephagus bliteus) is present, which acts as a biocontrol for the redgum lerp psyllid (Glycaspis brimblecombei), a pest of eucalyptus.

The Sutter County Agricultural Commissioner's Office facilitates the local management of vertebrate pests by selling vertebrate baits to growers with restricted materials permits. In 2018, a total of 1,525 pounds of anticoagulant bait was sold.

otal Hours Expended 2018: /506/

Organic Farming

40 farms, totaling approximately 16,737 acres of crop land were registered as organic in Sutter County in 2018. These farms produce a wide array of commodities such as almonds, stone fruit, beans, herbs, corn, popcorn, miscellaneous vegetables, apples, grapes, pears, pomegranates, melons, squash, oats, peas, prunes, rice, seed crops, tomatoes, walnuts and wheat. The total estimated value of organic production in Sutter County in 2018 was \$24,463,775. In comparison, 2017 had 17,043 production acres with an estimated value of \$27,050,422.

Nursery Inspection

Through this program inspections are performed at the growing, propagation, production and sales sites to ensure cleanliness from pests, varietal trueness and stock vigor prior to consumer sales. In 2018, 208 hours were spent performing inspections at 165 locations, consisting of 566 acres.

Total Hours Expended 2018: 757



STATISTICS SUSTAINABLE

Pest Detection

This program provides the second line of defense against exotic pests through the early detection of new introductions before they become widely established. Through early detection the likelihood of these pests becoming established in the state is lessened and the cost and environmental impact of eradication is minimized.

There were 699 traps placed for the detection of exotic insect pests including Mediterranean, Oriental and melon fruit flies, gypsy moth, Japanese beetle, European pine shoot moth, khapra beetle, vine mealybug, European grapevine moth, light brown apple moth and Asian citrus psyllid. Over the course of the season a cumulative total of 7,106 servicings were performed.

Total Hours Expended 2018: 1,824

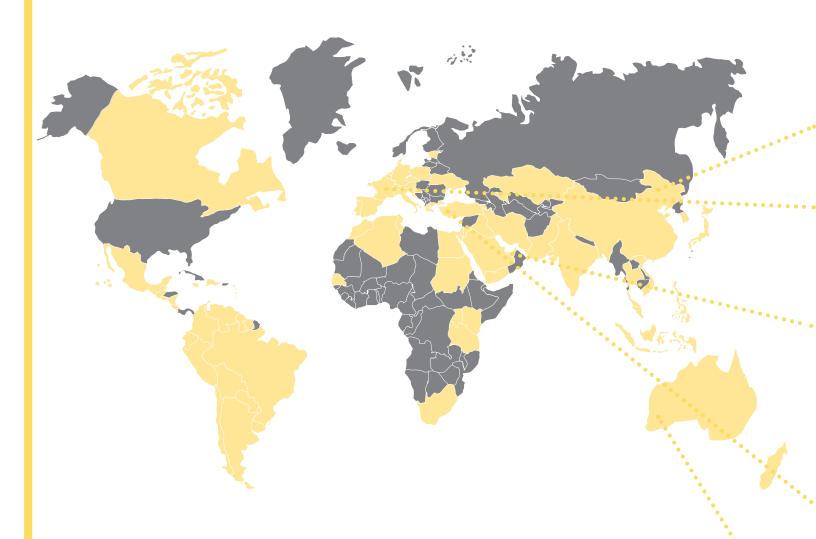
Pest Exclusion

This program provides the first line of defense for California agriculture and the environment against the invasion of exotic pests. Inspections provide protection from the introduction of plant, animal, insect and disease pests that may be introduced into the state through the movement of legal or illegal trade. This program also involves inspections of plant material being delivered to other states and countries and the issuance of certificates documenting compliance with their entry requirements.

A total of 359 premise visits were conducted in 2018. A total of 2,343 shipments of plant material were inspected during these visits. Inspections occurred at express carriers, nurseries and other farms. There were 17 rejections of plant material issued. Rejected plant material may be returned to the shipper, reconditioned and released or destroyed. To assist our industry, we issued 1,802 federal phytosanitary certificates for international shipments and 40 state phytosanitary certificates for shipments to other states.

Total Hours Expended 2018: 5,621

SUTTER COUNTY EXPORTS



utter County exported to 85 countries in 2018, the top five being China, Germany, United Arab Emirates, Turkey, and Australia. The remaining countries were Algeria, Argentina, Armenia, Austria, Bahrain, Belgium, Belize, Bolivia, Brazil, Brunei Darussalam, Canada, Chile, Colombia, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, Ecuador, Egypt, El Salvador, Estonia, Fiji, France, Greece, Grenada, Guatemala, Guyana, Haiti, India, Indonesia, Iran, Iraq, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, South Korea, Kuwait, Lebanon, Malaysia, Malta, Mauritius, Mexico, Morocco, Netherlands, New Zealand, Nicaragua, Pakistan, Paraguay, Peru, Philippines, Poland, Portugal, Qatar, Saint Kitts and Nevis, Saudi Arabia, Senegal, Singapore, South Africa, Spain, Sri Lanka, Sudan, Suriname, Sweden, Switzerland, Taiwan, Tanzania, Thailand, Tunisia, Uganda, Ukraine, United Kingdom, Uruguay, Venezuela, Viet Nam and Yemen.





Top Five Export Countries

China - Prunes
Germany - Prunes
United Arab Emirates - Walnuts
Turkey - Walnuts
Australia - Prunes





