

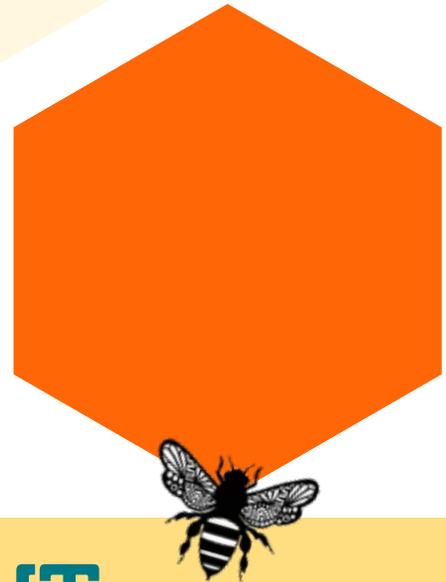
**2022  
Sutter County  
CROP  
AND  
LIVESTOCK  
REPORT**





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## MISSION STATEMENT

Our 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.

Photo Credits:  
COVER: Hives in the Sutter Buttes photo credit Strachan Apiaries  
BEE DRAWINGS: Courtney Krause, Sutter County Ag & Standards Biologist  
PAGE 6: Bees at entrance of hive photo credit Strachan Apiaries



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Melissa Ferreira – Secretary  
Kerry Haynes - Secretary  
Jennifer Thompson – Secretary

## **Extra Help**

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Lilly Ekberg  
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Brydon Jones  
Chancellor Poma-Sweet





OFFICE OF THE  
**AGRICULTURAL COMMISSIONER**  
**SEALER OF WEIGHTS & MEASURES**

**LISA D. HERBERT**  
Agricultural Commissioner  
Sealer of Weights and Measures

December 2023

Karen Ross, Secretary  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors of Sutter County  
Karm Bains, District 4, Chairman  
Nick Micheli, District 1  
Dan Flores, District 2  
Mike Ziegenmeyer, District 3  
Mat Conant, District 5

I am pleased to present the 2022 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 2022 was \$568,883,000. This is a decrease of \$52,483,000 or 8.4% from the 2021 total value.

Rice remains the top-ranking crop in 2022 driven by a 54% increase in price. A 32% decrease in acreage offset much of the price gains as the total value rose to \$182,593,000, an overall increase of 4.7% from 2021. Rising to second, processing tomatoes increased in acreage, price and yield to a total value of \$89,621,000. Cling Peaches remained in third as an increase in price offset decreases in acreage and yield to a total value of \$48,425,000. Dried prunes products rose to fourth with a total value of \$47,518,000 despite a decrease in price. Dropping from second to fifth place, walnuts total value decreased 64.1% to \$43,529,000 due to moderate decreases in harvested acreage and yield and a 61.1% decrease in price.

This issue highlights Strachan Apiaries, a pioneering local business in their 3rd generation of contributing to the agricultural economy of Sutter County. Strachan has been a forerunner in the beekeeping and queen breeding industry since their inception in 1954.

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. 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



**2022**  
**\$163,200,000**  
**2021**  
**\$271,006,000**

# FRUIT & NUT CROPS

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
Almonds, Meats	2022	18,008	0.24	4,322	Ton	\$2,969	\$12,832,000
	2021	18,064	0.61	11,019	Ton	\$3,339	\$36,792,000
Olives	2022	656	0.25	164	Ton	630	103,000
	2021	1,031	4.48	4,619	Ton	861	3,977,000
Peaches, Clingstone	2022	7,086	12.16	86,166	Ton	562	48,425,000
	2021	7,783	14.33	111,530	Ton	500	55,765,000
Prunes, Dried	2022	13,324	1.90	25,316	Ton	1,877	47,518,000
	2021	13,006	1.61	20,940	Ton	2,037	42,655,000
Walnuts, English	2022	37,533	1.52	57,050	Ton	763	43,529,000
	2021	39,413	1.57	61,878	Ton	1,962	121,405,000
Miscellaneous <sup>1</sup>	2022	1,520		2,641	Ton	2,668	7,046,000
	2021	1,098		3,162	Ton	1,323	4,183,000
Orchard By-Product	2022						3,747,000
	2021						6,229,000
TOTAL	2022	78,127			Ton		\$163,200,000
	2021	80,395			Ton		\$271,006,000

<sup>1</sup> 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, Nectarplums, Peaches (Freestone), Peacotum, Pears, Pecans, Persimmons, Pistachio Nuts, Plums, Pluots, Pomegranates, Quince, Strawberries, Walnuts (Black) and other miscellaneous fruit and nut crops of a limited number of growers/processors in Sutter County.

## BEARING & NON-BEARING ACREAGE

CROP	BEARING ACRES		NON-BEARING ACRES	
	2022	2021	2022	2021
Almonds	18,008	18,064	5,011	2,233
Olives	656	1,031	17	0
Peaches, Clingstone	7,086	7,783	393	409
Prunes, Dried	13,324	13,006	476	1,333
Walnuts, English	37,533	39,413	5,450	4,604
Miscellaneous <sup>1</sup>	1,520	1,098	111	80
TOTAL	78,127	80,395	11,458	8,659

<sup>1</sup> 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, Nectarplums, Peaches (Freestone), Peacotum, Pears, Pecans, Persimmons, Pistachio Nuts, Plums, Pluots, Pomegranates, Quince, Strawberries, Walnuts (Black) and other miscellaneous fruit and nut crops of a limited number of growers/processors in Sutter County.

# VEGETABLE CROPS

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
Tomatoes, Processing	2022	17,855	46.91	837,578	Ton	\$107	\$89,621,000
	2021	13,976	45.73	639,122	Ton	\$86	\$54,964,000
Miscellaneous <sup>1</sup>	2022	947		12,067	Ton		7,722,000
	2021	666		6,777	Ton		3,477,000
TOTAL	2022	18,802					\$97,343,000
	2021	14,642					\$58,441,000

2022  
\$97,343,000  
2021  
\$58,441,000

<sup>1</sup> Includes Artichoke, Asparagus, Basil, Beets, Bitter Melons, Bok Choy, Broccoli, Brussels Sprouts, Cabbage, Cantaloupe, Carrots, Cauliflower, Celery, Chard, Cilantro, Collards, Corn (sweet), Cucumbers, Eggplant, Garlic, Gourds, Greens (incl. micro) Green Beans, Herbs, Honeydew, Jicama, Kale, Kohlrabi, Leeks, Lettuce, Melons (Mixed), Mustard, Okra, Onions, Parsnips, Peas, Peanuts, 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 Sutter County.

2022  
\$221,473,000  
2021  
\$193,178,000

# FIELD CROPS

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
Bean, Dried, Edible <sup>1</sup>	2022	5,569	0.88	4,901	Ton	\$1,579	\$7,739,000
	2021	5,774	0.62	3,580	Ton	\$1,088	\$3,895,000
Corn, Field Grain	2022	4,527	6.20	28,067	Ton	376	10,553,000
	2021	5,628	6.93	39,002	Ton	180	7,020,000
Hay, Alfalfa	2022	3,880	5.77	22,388	Ton	316	7,075,000
	2021	3,690	5.74	21,181	Ton	252	5,338,000
Hay, Grain	2022	2,442	2.58	6,301	Ton	193	1,216,000
	2021	4,165	2.36	9,829	Ton	205	2,015,000
Rice <sup>2</sup>	2022	50,787	4.41	223,971	Ton	759	169,994,000
	2021	74,506	4.44	330,807	Ton	494	163,419,000
Safflower	2022	2,505	1.65	4,133	Ton	688	2,844,000
	2021	2,041	1.04	2,123	Ton	513	1,089,000
Wheat, Grain	2022	12,200	4.08	49,776	Ton	325	16,177,000
	2021	10,722	2.24	24,017	Ton	226	5,428,000
Miscellaneous <sup>3,4</sup>	2022	70,737					5,875,000
	2021	71,242					4,974,000
Field Crop By-Products	2022						
	2021						
TOTAL	2022	152,647					\$221,473,000
	2021	177,768					\$193,178,000

<sup>1</sup> 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.

<sup>2</sup> Includes USDA Support Price.

<sup>3</sup> Pasture, Irrigated and Pasture, Range Dry moved to miscellaneous due to insufficient data.

<sup>4</sup> Includes Barley, Corn (Silage), Cotton, Grass Hay, Industrial Hemp, Oats (Silage), Pasture (Irrigated), Pasture (Range Dry), Popcorn, Triticale, Vetch, Sorghum and other miscellaneous field crops of a limited number of growers/processors in Sutter County.



# SEED CROPS

**2022**  
**\$39,753,000**  
**2021**  
**\$39,305,000**

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
Cucumbers	2022	274	75	21,000	Lb	\$18.52	\$389,000
	2021	95	98	9,310	Lb	\$49.34	\$459,000
Pumpkins & Squash	2022	274	239	65,000	Lb	13.15	855,000
	2021	298	481	143,000	Lb	9.08	1,298,000
Rice	2022	4,061	8,618	34,998,000	Lb	0.36	12,599,000
	2021	4,803	9,105	43,731,000	Lb	0.25	10,933,000
Sunflower	2022	11,163	1,059	11,822,000	Lb	1.71	20,216,000
	2021	11,652	995	11,594,000	Lb	1.72	19,942,000
Watermelons	2022	1127	205	231,000	Lb	16.20	3,742,000
	2021	849	207	176,000	Lb	33.00	5,808,000
Miscellaneous <sup>1</sup>	2022	1,715		7,778,000	Lb		1,952,000
	2021	1,241		3,534,000	Lb		865,000
TOTAL	2022	18,614					\$39,753,000
	2021	18,938					\$39,305,000

<sup>1</sup> 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, Safflower, Sugar Peas, Swiss Chard, Tomato, Tomatillo, Triticale, Wheat, Wild Rice and other miscellaneous seed crops of a limited growers/processors in Sutter County.

**2022**  
**\$9,852,000**  
**2021**  
**\$8,589,000**

# APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	TOTAL
Pollination	2022	70,447	Colony	\$108	\$7,608,000
	2021	69,710	Colony	\$106	\$7,389,000
Miscellaneous <sup>1</sup>	2022				2,244,000
	2021				1,200,000
TOTAL	2022				\$9,852,000
	2021				\$8,589,000

<sup>1</sup> Includes Package Bees, Queen Bees, Honey and Wax.



# LIVESTOCK

  
**2022**  
**\$9,059,000**  
**2021**  
**\$5,065,000**

ITEM	YEAR	NUMBER	LIVE WEIGHT	UNIT	UNIT VALUE	TOTAL
Cattle & Calves <sup>1</sup>	2022	2,800	23,433	Cwt.	\$147	\$3,445,000
	2021	2,720	23,065	Cwt.	\$126	\$2,906,000
Miscellaneous <sup>2</sup>	2022					5,609,000
	2021					2,156,000
Livestock By-Products	2022					5,000
	2021					3,000
TOTAL	2022					\$9,059,000
	2021					\$5,065,000

<sup>1</sup> Includes USDA Support Price.

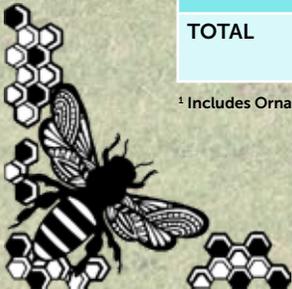
<sup>2</sup> Includes Alpaca & Angora Fur, Aquaculture, Chickens, Chicken Eggs, Ducks, Fish Bait, Geese, Goats, Hogs, Milk (Market), Game Birds, Musk Oxen, Pheasants, Pigeons, Rabbits, Rabbit Hides, Turkeys, Water Buffalo, Wool and other miscellaneous livestock and poultry of a limited number of growers/processors in Sutter County.

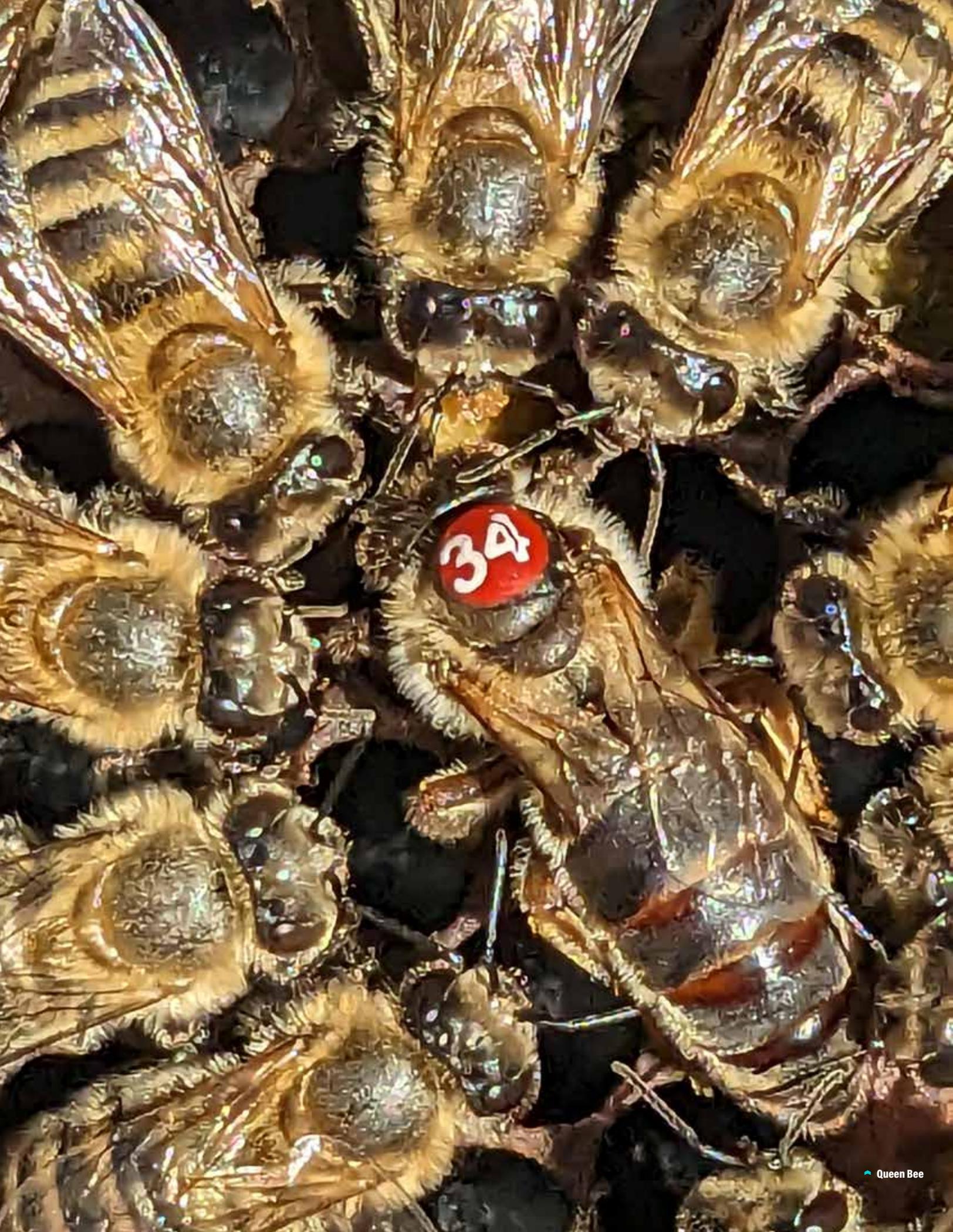
# NURSERY PRODUCTS

ITEM	YEAR	FIELD ACRES	QUANTITY SOLD	TOTAL
Trees and Vines (Fruit and Nut, Bareroot and Potted)	2022	350	5,435,991	\$27,892,000
	2021	347	8,136,497	\$45,586,000
Miscellaneous <sup>1</sup>	2022	0	0	0
	2021	5	60,469	196,000
TOTAL	2022	350	5,465,791	\$28,203,000
	2021	352	8,196,966	\$45,782,000

**2022**  
**\$28,203,000**  
**2021**  
**\$45,782,000**


<sup>1</sup> Includes Ornamental Trees, Shrubs, and other Nursery Stock.





# STRACHAN APIARIES



## 3rd Generation Family Company Plays Pioneering Role In Sutter County Agriculture

**H**oneybees and agriculture have crucial mutual dependency: crops need pollination and bees need pollen and nectar. Sutter County is home to one of the most important honeybee apiaries in the world: Strachan Apiaries, founded here in 1954, by Don Strachan—himself a Sutter County native.

Strachan was introduced to the bee business as a teenager by his beekeeper cousin in the late 1930s. Despite a bee sting to the face on his first day on the job, undaunted, Strachan would go on to establish a thriving operation and become a trailblazer in the beekeeping and queen breeding industry.

In 1953, Don purchased 600 hives from a retiring beekeeper. Since then, the company has grown to a 10,000-hive operation that is into its 3rd generation of family operators. Daughter Valeri Severson started her career there in 1974, becoming the CEO upon Don's passing in 2003. Valeri's son Philip Russell has been on board since 2010 and will carry the family tradition forward into the next generation.



Don Strachan, founder >



> Valeri Severson and son, Philip Russell



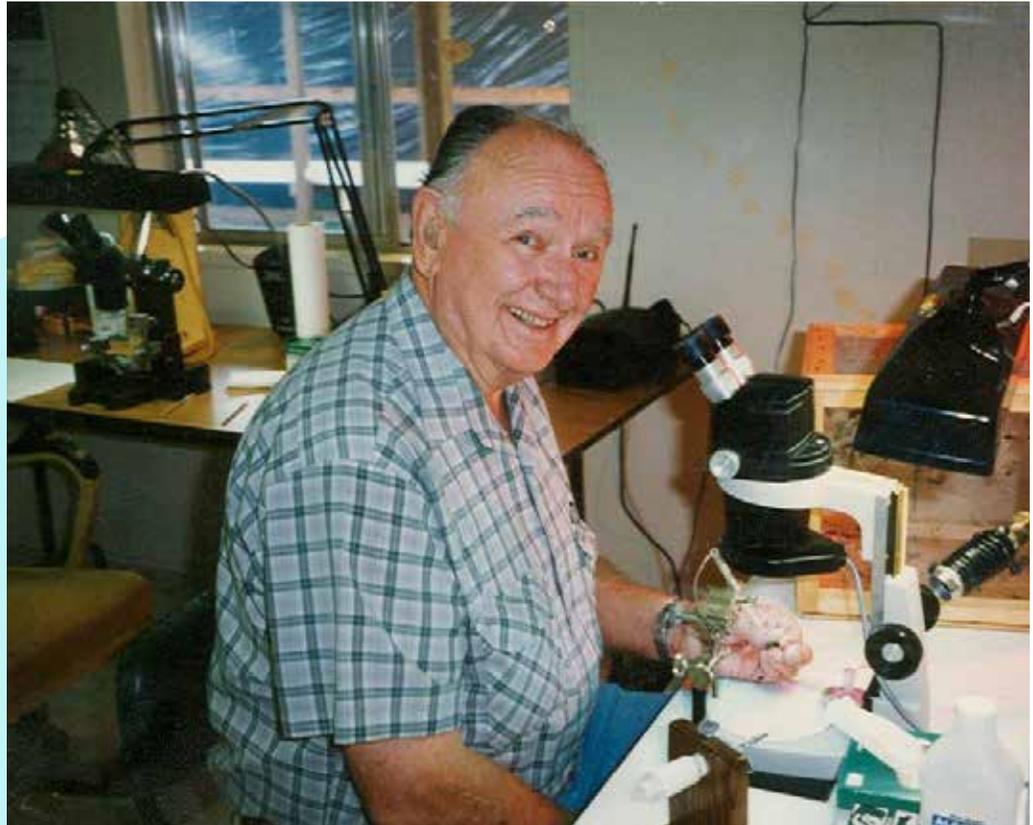


◀ Left to right, Kristian Vidaurri (son of Jeronimo), Jeronimo Vidaurri, Luis Velasquez

▶ Jeronimo Vidaurri

▶ Philip Russell





Don Strachan, founder >

Along the way, the company has provided pollination for countless thousands of acres of almonds, prunes, and seed crops all over the region. Honey production has always been a mainstay of the business. In summer, as many as 800 hives are trucked to Montana where the bees can forage in sweet clover and wildflowers. Local sources such as star thistle also provide forage. Total honey production is typically between 25,000 to 30,000 lbs., with as much as 65,000 to 72,000 lbs. in recent years!

Perhaps Strachan Apiaries' most important long-term contributions to agriculture have been through their involvement in selective breeding of queen bees. Strachan began producing and selling queens in the mid-1950s. Queen production is an interesting process that takes advantage of a very peculiar biological fact about honeybees: the same larvae that would develop into a worker bee (which are all female) can be induced

to become a queen simply by placing it in a larger cell. Such "queen cells", with larvae set inside, are then placed into a hive that has no queen. The worker bees in this hive sense the absence of a queen and will dutifully fill all the queen cells with potent nutrients—so-called Royal Jelly—and cap them over. These capped queen cells are then removed from the hive and placed into an incubator. With this biological assembly line, Strachan Apiaries produces an average of 30,000 queens per year, which are shipped to customers in the US and Canada.

Through their collaborations with university researchers, techniques have been established to instrumentally inseminate queen bees, by hand, for the purpose of obtaining bees with specific traits, such as (calm) demeanor and good hive hygiene. This was cutting-edge science that was rolled out here at Strachan Apiaries in the early 1990s. Valeri was trained in

the process by UC experts, and this training has since been transmitted to son Philip. In Valeri's words, "Instrumental insemination of queens is an intense job, working though a microscope, and maintaining a sterile environment while working with bees." Since the early days in the 90s, the practices of instrumental insemination have grown throughout the industry such that many companies are maintaining their stock in this way now. Strachan Apiaries played a pioneering role in the development of this important process, here in Sutter County.



# TEN LEADING CROPS

CROP	2022	CROP	2021
RICE <sup>1</sup>	\$182,593,000	RICE <sup>1</sup>	\$174,352,000
TOMATOES, PROCESSING	\$89,621,000	WALNUTS	\$121,405,000
PEACHES, CLINGSTONE	\$48,425,000	PEACHES, CLINGSTONE	\$55,765,000
PRUNES, DRIED	\$47,518,000	TOMATOES, PROCESSING	\$54,964,000
WALNUTS	\$43,529,000	NURSERY PRODUCTS	\$45,782,000
NURSERY PRODUCTS	\$28,203,000	PRUNES, DRIED	\$42,655,000
SUNFLOWER, SEED	\$20,216,000	ALMONDS	\$36,792,000
WHEAT, GRAIN	\$16,177,000	SUNFLOWER, SEED	\$19,942,000
ALMONDS	\$12,832,000	CORN, FIELD GRAIN	\$7,020,000
CORN, FIELD GRAIN	\$10,553,000	WATERMELON, SEED	\$5,808,000

<sup>1</sup> Includes Seed, does not include Wild Rice.

## SUMMARY

CATEGORIES	2022	2021
FRUIT & NUT CROPS	\$163,200,000	\$271,006,000
FIELD CROPS	221,473,000	193,178,000
SEED CROPS	39,753,000	39,305,000
VEGETABLE CROPS	97,343,000	58,441,000
NURSERY PRODUCTS	28,203,000	45,782,000
LIVESTOCK PRODUCTS	9,059,000	5,065,000
APIARY PRODUCTS	9,852,000	8,589,000
<b>TOTAL</b>	<b>\$568,883,000</b>	<b>\$621,366,000</b>



# GROSS PRODUCTION VALUE

YEAR	VALUE	YEAR	VALUE	YEAR	VALUE	YEAR	VALUE
1959	\$50,707,000	1976	\$178,554,000	1993	\$292,108,300	2010	\$521,640,570
1960	\$50,536,000	1977	\$200,878,000	1994	\$340,171,300	2011	\$518,198,460
1961	\$55,585,000	1978	\$220,502,000	1995	\$330,170,500	2012	\$528,253,000
1962	\$57,322,000	1979	\$258,666,900	1996	\$302,706,400	2013	\$597,530,000
1963	\$55,155,000	1980	\$299,014,700	1997	\$277,169,700	2014	\$726,066,000
1964	\$66,740,000	1981	\$316,465,900	1998	\$268,323,100	2015	\$538,147,000
1965	\$64,564,000	1982	\$247,784,100	1999	\$347,939,000	2016	\$514,408,000
1966	\$71,627,000	1983	\$205,335,300	2000	\$340,176,000	2017	\$583,996,000
1967	\$69,313,000	1984	\$262,285,500	2001	\$264,673,000	2018 <sup>1</sup>	\$609,058,000
1968	\$80,275,000	1985	\$255,449,600	2002	\$291,061,100	2019	\$698,680,000
1969	\$74,006,000	1986	\$229,364,800	2003	\$307,322,300	2020	\$568,857,000
1970	\$77,238,000	1987	\$216,183,600	2004	\$299,219,300	2021	\$621,366,000
1971	\$82,209,000	1988	\$201,345,800	2005	\$305,190,190	2022	\$568,883,000
1972	\$95,118,000	1989	\$243,940,200	2006	\$358,845,200		
1973	\$159,204,000	1990	\$217,400,000	2007	\$377,940,800		
1974	\$179,719,000	1991	\$268,941,900	2008	\$498,195,200		
1975	\$187,517,000	1992	\$285,622,700	2009	\$475,691,100		

<sup>1</sup> 2018 Total value revised.



# STATISTICS

## CROP STATISTICS

As required by the California Food & 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 2022: 128**

## SEED LAW ENFORCEMENT AND 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 2022: 365**

## 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 2022: 196**

## PESTICIDE CONTAINER RECYCLING PROGRAM

This program is funded by a grant from Feather River Air Quality Management District with the Sutter County Agricultural Commissioner's Office making an in-kind contribution of approximately 129.5 hours annually. Growers are encouraged to bring their empty pesticide containers to permanent recycling events held throughout the year. In 2022 we recycled 68,840 pounds of used pesticide containers. A total of 1,360,207 pounds have been recycled since the program began 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 2022: 9,974**

## FRUIT, NUT AND VEGETABLE STANDARDIZATION

This program ensures compliance with California's minimum standards regarding quality and marketing of all produce commercially grown and/or marketed in the state. Regulation of two certified markets and 20 certified producers as well as Organic Program law enforcement are part of a program that provides for local protection to growers, marketers and consumers.

**Total Hours Expended 2022: 557**

## 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 2022: 2,272**

## 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 sharpshooter (GWSS), Sutter County inspected 100 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 126 traps placed in nurseries and urban areas for the detection of GWSS, which were serviced a total of 1,272 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 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 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.

In 2022, the County Agricultural Commissioner continued effort under a State weed grant to survey for noxious weeds and weeds of concern.

**Total Hours Expended 2022: 819**

## ORGANIC FARMING

33 farms, totaling approximately 17,043 acres of crop land were registered as organic in Sutter County in 2022. 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 values of organic production in Sutter County in 2022 was \$30,624,665. In comparison, 2021 had 20,136 production acres with an estimated value of \$48,633,494.

## 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 2022, 108 hours were spent performing inspections at 122 locations, consisting of 371 acres.

**Total Hours Expended 2022: 411**

## 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 539 traps placed for detection of exotic insect pests including Mediterranean, Oriental and melon fruit flies, spongy moth, Japanese beetle, European pine shoot moth, khapra beetle, vine mealybug, European grapevine moth, light brown apple moth, and Asian citrus psyllid, European Corn Borer and False Codling moth. Additionally, surveys were conducted for European Stone Fruit Yellows and Plum Pox virus. Over the course of the season, a cumulative total of 5,554 servicings were performed and 25 disease sites surveyed.

**Total Hours Expended 2022: 1,873**

## PEST EXCLUSION

This program provides the first line of defense for California agriculture and the environment against the invasions 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 and 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 345 premise visits were conducted in 2022. A total of 2,453 shipments of plant material were inspected during these visits. Inspections occurred at the express carriers, nurseries, and other farms. There were 2 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 1,778 federal phytosanitary certificates for international shipments and 23 state phytosanitary certificates for shipments to other states.

**Total Hours Expended 2022: 5,533**



# SUTTER COUNTY EXPORTS

Sutter County exported to 83 countries in 2022, the top five being The Republic of Türkiye, United Arab Emirates, China, Spain, The Republic of Korea.

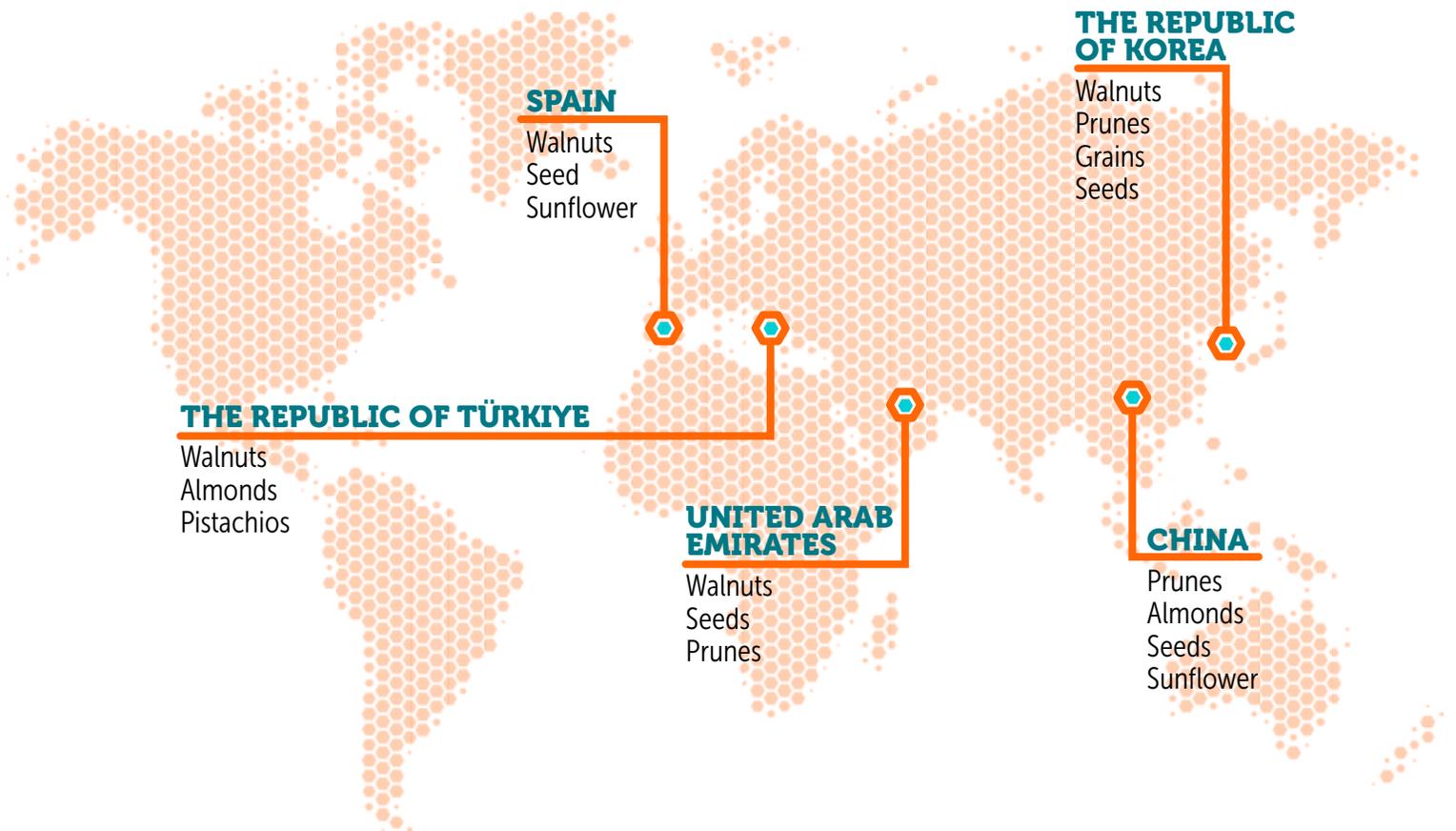
## 2022 FEDERAL PHYTOSANITARY CERTIFICATES

Total of 1,778 issued to 83 countries

## NUMBER OF CERTIFICATES ISSUED

The Republic of Türkiye - 246  
United Arab Emirates - 206  
China - 133  
Spain - 99  
The Republic of Korea - 94

# TOP FIVE EXPORT COUNTRIES



# WEIGHTS & MEASURES

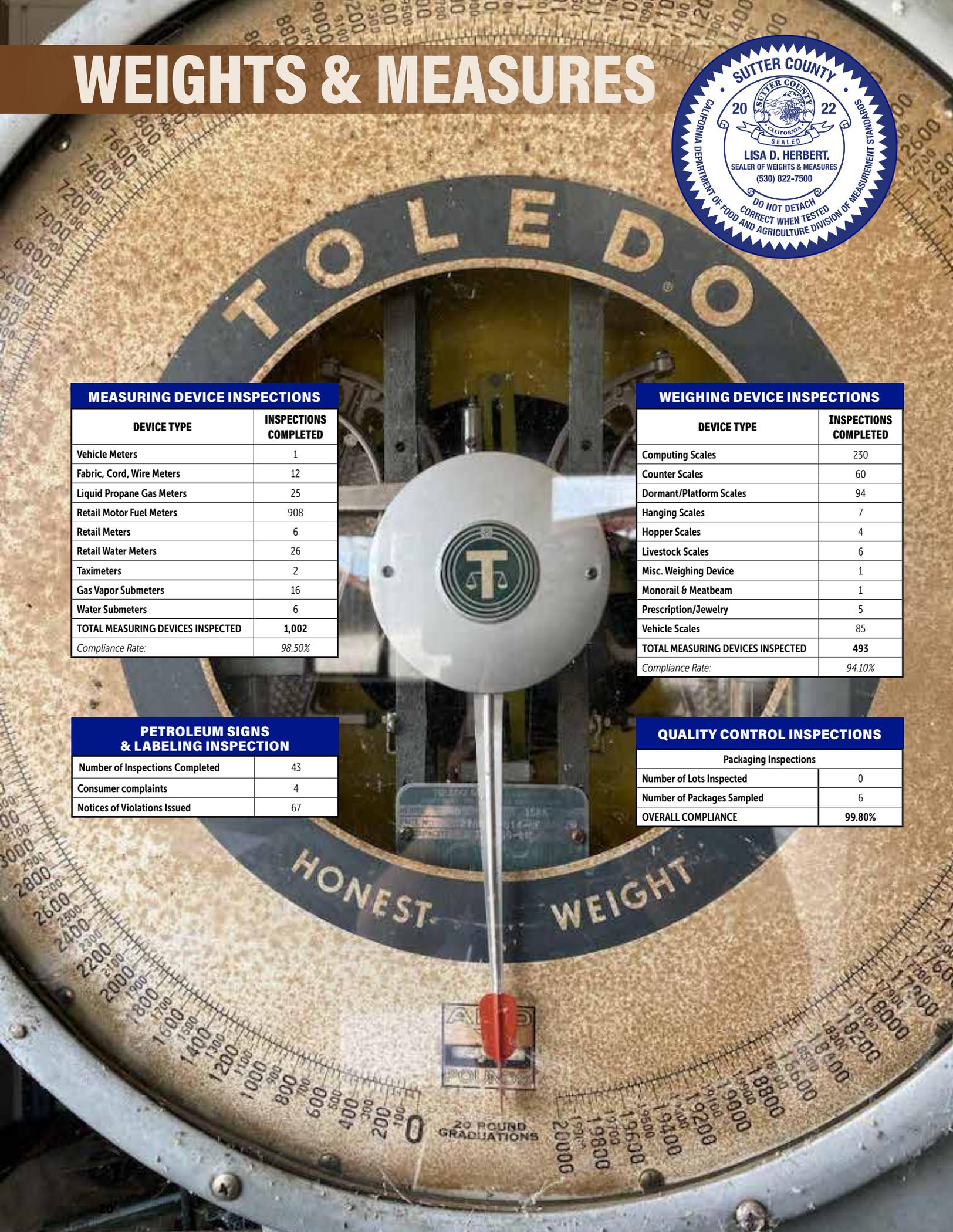


MEASURING DEVICE INSPECTIONS	
DEVICE TYPE	INSPECTIONS COMPLETED
Vehicle Meters	1
Fabric, Cord, Wire Meters	12
Liquid Propane Gas Meters	25
Retail Motor Fuel Meters	908
Retail Meters	6
Retail Water Meters	26
Taximeters	2
Gas Vapor Submeters	16
Water Submeters	6
<b>TOTAL MEASURING DEVICES INSPECTED</b>	<b>1,002</b>
Compliance Rate:	98.50%

WEIGHING DEVICE INSPECTIONS	
DEVICE TYPE	INSPECTIONS COMPLETED
Computing Scales	230
Counter Scales	60
Dormant/Platform Scales	94
Hanging Scales	7
Hopper Scales	4
Livestock Scales	6
Misc. Weighing Device	1
Monorail & Meatbeam	1
Prescription/Jewelry	5
Vehicle Scales	85
<b>TOTAL MEASURING DEVICES INSPECTED</b>	<b>493</b>
Compliance Rate:	94.10%

PETROLEUM SIGNS & LABELING INSPECTION	
Number of Inspections Completed	43
Consumer complaints	4
Notices of Violations Issued	67

QUALITY CONTROL INSPECTIONS	
Packaging Inspections	
Number of Lots Inspected	0
Number of Packages Sampled	6
<b>OVERALL COMPLIANCE</b>	<b>99.80%</b>





**COUNTY OF SUTTER**  
**AGRICULTURAL COMMISSIONER**  
**SEALER OF WEIGHTS AND MEASURES**

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