



2019

AGRICULTURAL PRODUCTION REPORT  
*County of Santa Barbara*

# Office Locations

The Santa Barbara County Agricultural Commissioner/Weights & Measures Department has recently implemented changes to better serve the needs of both the public and industry stakeholders. In addition to our primary offices in Santa Barbara and Santa Maria, the department has added new district offices in Mid-County and Carpinteria. The Mid-County office, located in Buellton, is open to walk in visits and has staff available to meet the agricultural needs of the area. The Carpinteria location has staff available for limited office hours (M-F 2:00-3:00 pm).



Main Offices - Santa Barbara  
263 Camino del Remedio  
Santa Barbara, CA 93110-1335  
Phone: (805) 681-5600  
FAX: (805) 681-5603  
Hours: M-F 8:00AM to 4:30PM



Main Offices - Santa Maria  
624 W. Foster Rd. Suite E  
Santa Maria, CA 93455-3623  
Phone: (805) 934-6200  
FAX: (805) 934-6202  
Hours: M-F 8:00 AM to 4:30 PM



District Offices - Carpinteria  
1180 Eugenia Pl. Suite 206  
Carpinteria, CA 93013  
Phone: (805) 681-5600  
FAX: (805) 681-5603  
Hours: M-F 2:00 PM - 3:00 PM



District Offices - Mid-County  
185 W. Hwy 246 Suite 101  
Buellton, CA 93427  
Phone: (805) 688-5331  
FAX: (805) 688-5334  
Hours: M-F 8:00 AM - 4:00 PM

# Santa Barbara County

## Agricultural Production Report

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**Karen Ross, Secretary**  
*California Department of Food and Agriculture*

**The Honorable Board of Supervisors, County of Santa Barbara**  
**Das Williams, First District**  
**Gregg Hart, Chair, Second District**  
**Joan Hartmann, Third District**  
**Peter Adam, Vice Chair, Fourth District**  
**Steve Lavagnino, Fifth District**



**Mona Miyasato, County Executive Officer**

In accordance with the provisions of Sections 2272 and 2279 of the California Food and Agricultural Code, I am pleased to submit the 2019 Santa Barbara County Crop Report. This statistical report summarizes the acreage, production and gross value of Santa Barbara County's agricultural commodities.

For the 2019 crop year, as we have seen so many times before, our farmers and ranchers, with nature's cooperation, delivered in a big way with total gross production value of \$1,600,146,484 surpassing the gross production value for the prior year by \$78,625,992, an increase of 5.1%.

In this report, the Santa Barbara County crop statistics collected for 2019 have been distilled and presented for your use in a variety of graphs and charts. Our farmers and ranchers continue to produce an astonishing array of products and achieve the highest standards in quality and environmental stewardship.

Santa Barbara County agriculture has an inspiring story of innovation and resiliency. For our farmers and ranchers, innovation and resiliency are more than just words, it's who they are. It has allowed them to adapt in the face of adversity while continuing to produce safe, environmentally sustainable, and nutritious food.

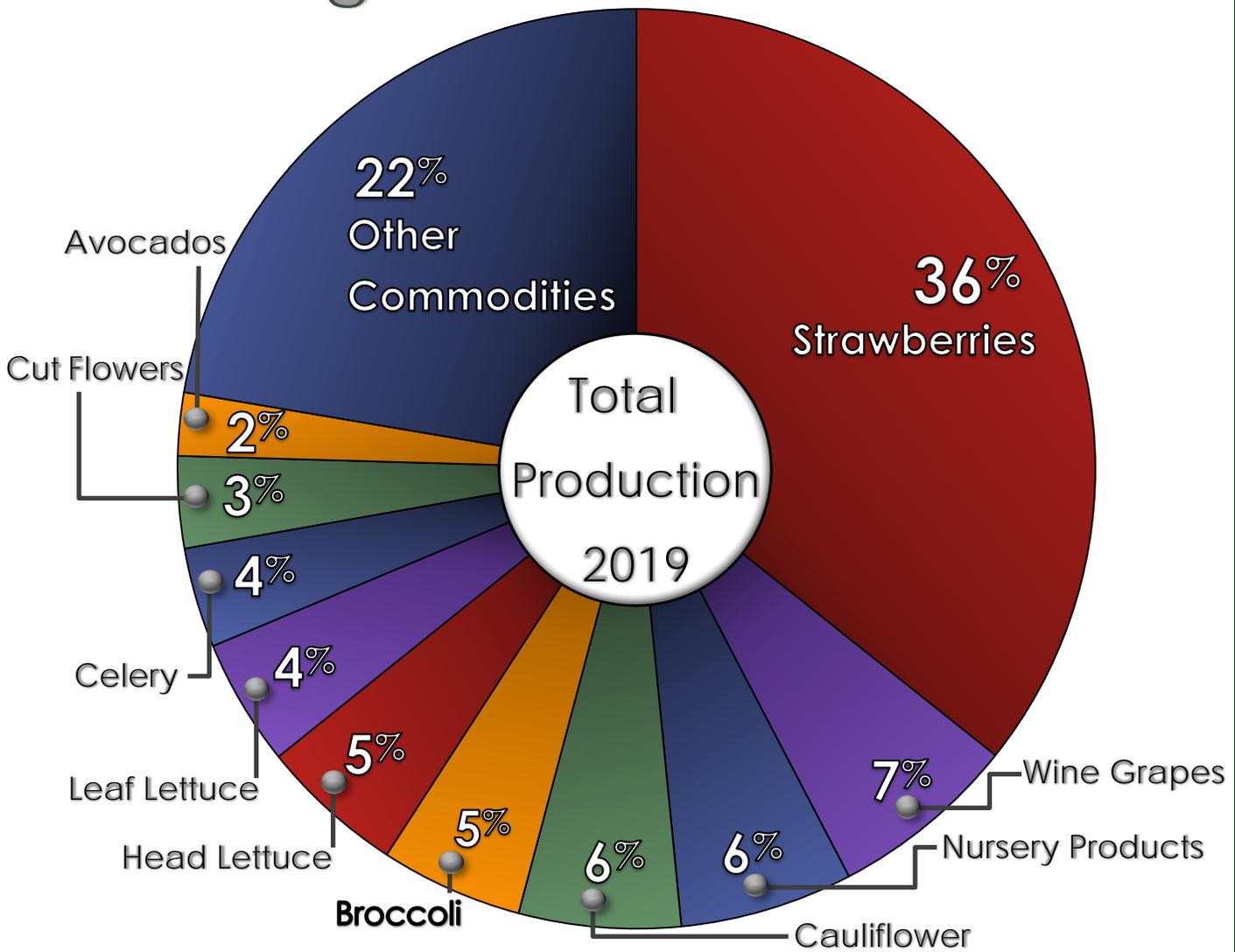
The Santa Barbara County Crop Report is the result of a joint effort between department staff and our industry representatives. Without your support, the report would not be possible. Thank you to all who call agriculture their professional career, and especially to the staff who collected, analyzed and published this important data.

Respectfully submitted,

*Cathy Fisher*

Cathleen M. Fisher  
Santa Barbara County  
Agricultural Commissioner/Director  
Weights & Measures

# 2019 Agriculture at a Glance



## Top Ten Commodities

1. Strawberries	\$571,167,071	6. Broccoli	\$80,416,862
2. Wine Grapes	\$106,078,716	7. Leaf Lettuce	\$71,564,773
3. Nursery Products	\$97,624,558	8. Celery	\$56,324,324
4. Cauliflower	\$91,277,994	9. Cut Flowers & Foliage	\$51,590,416
5. Head Lettuce	\$81,271,348	10. Avocados	\$35,411,356

## Other 20+ Million Dollar Products

11. Livestock & Animal Products	\$30,785,856	14. Field & Seed	\$23,997,420
12. Raspberries	\$27,454,570	15. Blackberries	\$23,766,309
13. Orchids	\$26,907,446	16. Cabbage	\$22,200,117



The year 2019 brought some relief to Santa Barbara County's water resources. In the 2019 water year (Sept. 1, 2018 – Aug. 31, 2019) Santa Barbara County received 128% of normal rainfall, an average of 23.4 inches across the county.\* This higher-than-average rainfall brought with it significant increases in surface water storage to County reservoirs. The County Board of Supervisors officially ended our local drought emergency in March. Rainfall in the county had been well below average since 2012, leading to a depletion of the county's reservoirs and the proclamation of the drought emergency in 2014.

Due to the abundance of rain in 2019, our county reservoirs stood at significantly increased storage. In December 2019, Gibraltar Reservoir was at 32.2% capacity, Cachuma Lake at 72.4% capacity, and Jameson Lake at 82.4% capacity.\*

While the county's reservoirs have rebounded from their drought-time lows, the county's groundwater basins have not shown as much of a rebound. Groundwater recharge is a complex process and 1 or 2 years of high rainfall may or may not have an immediate effect on our groundwater basins. Several of Santa Barbara County's groundwater basins show signs of recharge from the 2019 increase in rainfall, while many have shown no signs of recharge, or have continued to decline. None of the county's groundwater basins have recharged to their pre-drought levels and some might require several consecutive years of above average rainfall in order to do so.†

More information on water resources and water supply in Santa Barbara County can be found through the Public Works Department at: <http://www.countyofsb.org/pwd/watersupply.sbc>.



\*Santa Barbara County Flood Control District - Rainfall and Reservoir Summary.

†County of Santa Barbara 2019 Groundwater Basins Summary Report.

Above: This time exposure photo provided by the Santa Barbara County Fire Department shows a series of lightning strikes over Santa Barbara, seen from Stearns Wharf in the city's harbor. (Mike Eliason/Santa Barbara County Fire Department via AP) Right: Snow was falling in the Cave Fire burn area along East Camino Cielo in the mountains above Santa Barbara. (Mike Eliason/ Santa Barbara County Fire Department photo)



Crop	Year	Harvested Acreage	Yield Per Acre	Total Production	Unit	Price Per Unit	Total Value
Broccoli	2019	12,879	559	7,199,361	22lb CTN	\$11.17	\$80,416,862
	2018	12,130	604	7,327,058		\$10.96	\$80,306,603
Cabbage	2019	2,372	979	2,322,188	50lb CTN	\$9.56	\$22,200,117
	2018	1,966	999	1,963,564		\$9.80	\$19,236,247
Cauliflower	2019	11,089	765	8,483,085	25lb CTN	\$10.76	\$91,277,994
	2018	9,445	786	7,424,818		\$10.07	\$74,943,511
Celery	2019	4,214	1,025	4,319,350	60lb CTN	\$13.04	\$56,324,324
	2018	3,170	1,009	3,197,978		\$12.57	\$40,183,758
Lettuce, Head	2019	8,367	556	4,652,052	50lb CTN	\$17.47	\$81,271,348
	2018	6,057	693	4,198,251		\$14.44	\$60,614,915
Lettuce, Leaf	2019	4,978	1,041	5,182,098	30lb CTN	\$13.81	\$71,564,773
	2018	5,711	669	3,820,678		\$13.90	\$53,115,476
Spinach	2019	1,780	647	1,151,660	20lb CTN	\$11.98	\$13,796,886
	2018	1,237	732	905,638		\$14.44	\$13,080,153
Squash Summer	2019	750	2,300	1,725,000	26lb CTN	\$6.55	\$11,298,750
	2018	717	1,693	1,213,636		\$7.07	\$8,585,942
Miscellaneous Vegetables*	2019	12,628					\$172,906,276
	2018	9,118					\$157,103,615
Total	2019	59,057					\$601,057,330
	2018	49,669					\$512,648,361

\*Miscellaneous vegetables includes: artichoke, arugula, asparagus, baby vegetables, basil, bell pepper, beet, Brussels sprout, carrot, celery root, chard, chervil, Chinese cabbage, cilantro, sweet corn, collard greens, cress, cucumber, dandelion, eggplant, endive, escarole, fennel, green beans, herbs, kale, kohlrabi, leeks, maize, mustard greens, dry onion, green onion, parsley, peas (edible pod), pepper, potato, pumpkin, radicchio, radish, winter squash, tomatillo, and tomato.



Crop	Year	Harvested Acreage	Yield Per Acre	Total Production	Price Per Ton	Total Value
Avocados	2019	5,408	1.98	10,708	\$3,307	\$35,411,356
	2018	4,932	4.56	22,497	\$2,338	\$52,617,303
Blackberries	2019	452	8.05	3,639	\$6,531	\$23,766,309
	2018	391	9.44	3,691	\$6,097	\$22,504,271
Blueberries	2019	275	3.64	1,001	\$8,655	\$8,663,655
	2018	349	3.43	1,196	\$9,924	\$11,868,543
Lemons	2019	1,551	21.18	32,850	\$478	\$15,702,300
	2018	1,291	21.51	27,723	\$616	\$17,115,537
Raspberries	2019	434	9.25	4,015	\$6,838	\$27,454,570
	2018	525	9.05	4,752	\$7,621	\$36,217,516
Strawberries, Total	2019	8,528	---	355,255	—	\$571,167,071
	2018	7,579	---	334,535	—	\$478,506,788
Fresh Strawberries	2019	8,528	34.38	293,193	\$1,747	\$512,208,171
	2018	7,579	34.45	261,097	\$1,589	\$415,056,356
Processed Strawberries	2019	---	---	62,062	\$950	\$58,958,900
	2018	---	---	73,438	\$864	\$63,450,432
Misc. Fruit and Nut Crops*	2019	1,547				\$4,594,502
	2018	1,146				\$3,220,104
TOTAL	2019	18,195				\$686,759,763
	2018	16,213				\$622,050,062

\*Miscellaneous Fruit and Nuts includes: Includes: apple, apricot, blueberry, cherimoya, coffee, gooseberry, guava, kiwi, lime, melons, olive, orange, passion fruit, persimmon, pistachio, plum, pluot, sapote, tangerine, walnut, and watermelon.



Variety	Harvested Acreage	Yield Per Acre	Total Production	Price Per Ton	Total Value
Pinot Noir	5,573	2.83	15,772	\$2,681	\$42,284,732
Chardonnay	4,479	3.92	17,558	\$1,754	\$30,796,732
Syrah	1,207	3.37	4,068	\$2,235	\$9,091,980
Sauvignon Blanc	501	4.90	2,455	\$1,501	\$3,684,955
Cabernet Sauvignon	702	2.52	1,769	\$1,735	\$3,069,215
Grenache	367	3.76	1,380	\$2,150	\$2,967,000
Merlot	235	3.42	804	\$2,170	\$1,744,680
Pinot Gris	434	2.65	1,150	\$1,346	\$1,547,900
Viognier	186	3.59	668	\$2,218	\$1,481,624
Cabernet Franc	188	2.33	438	\$2,436	\$1,066,968
White Riesling	137	3.77	516	\$1,814	\$936,024
Misc. Red	554	3.94	2,183	\$2,132	\$4,654,156
Misc. White	364	3.93	1,430	\$1,925	\$2,752,750
Year	Harvested Acreage	Total Production		Total Value	
2019	14,927	50,181		\$106,078,716	
2018	16,166	59,119		\$121,307,213	



Cut Flowers/Cut Foliage	Year	Greenhouse (Sq. Ft.)	Outdoor Grown (Acres)	Total Value
Dahlias	2019	425,590	13	\$3,727,461
	2018	150,500	22	\$2,097,839
Gerberas	2019	840,937	---	\$7,222,219
	2018	1,249,220	---	\$9,853,842
Lilies	2019	697,783	0.5	\$2,292,430
	2018	283,440	1	\$2,304,923
Miscellaneous Cut Flowers/Cut Foliage*	2019	4,326,325	1,437	\$38,348,306
	2018	5,865,104	1,455	\$73,414,901
Total Cut Flowers & Foliage	2019	6,290,635	1,450	\$51,590,416
	2018	7,548,264	1,477	\$87,671,505

\*Miscellaneous cut flowers includes: alstroemeria, amaranthus, anemone, anthurium, aster, bells of Ireland, bird of paradise, bupleurum, calla lily, carnation, celosia, chrysanthemum, delphinium, dianthus, freesia, foliage, gardenia, gladiolus, gypsophila, hyacinth, hydrangea, iris, kangaroo paw, larkspur, liatris, limonium, lisianthus, narcissus, orchid, ornithogalum, protea, Queen Anne's lace, ranunculus, rose, snapdragon, solidago, solidaster, statice, stephanotis, stock, sunflower, sweet pea, tuberose, tulip, and veronica.

Nursery Plants	Year	Greenhouse (Sq. Ft.)	Outdoor Grown (Acres)	Total Value
Orchids	2019	1,235,933	0	\$26,907,446
	2018	1,201,230	0	\$27,174,062
Miscellaneous Potted Plants*	2019	4,086,910	238	\$70,717,112
	2018	3,212,660	189	\$75,841,554
Total Potted Plants	2019	5,322,843	238	\$97,624,558
	2018	4,413,890	189	\$103,015,616

\*Miscellaneous includes: foliage, herbaceous perennials, ground covers, turf, bulbs, bedding plants, vegetable transplants, fruit trees and vines, palms, poinsettia and woody ornamentals



Crop	Year	Acreage	Total Value
Rangeland	2019	573,678	\$6,139,318
	2018	573,918	\$5,538,309
Pasture	2019	2,756	\$625,612
	2018	2,892	\$270,775
Beans, Dry Edible	2019	1,564	\$1,683,638
	2018	1,452	\$2,120,420
Miscellaneous Grain & Seed*	2019	3,524	\$15,548,852
	2018	3,237	\$7,161,308
Total Field & Seed Crops	2019	581,522	\$23,997,420
	2018	581,499	\$15,090,812

\*Miscellaneous includes hay, alfalfa, forage, barley, oats, wheat, and vegetable, flower and ornamental grass seed.

## Seed Program

The County Agricultural Commissioner's Office partners with CDFA and growers to provide support for phytosanitary certification of seed for export. In this program, the Plant Quarantine (PQ) program, commissioner staff conduct phytosanitary field inspections and provide laboratory support for those commodities grown for seed. The PQ program is concerned with accurate identification of seed-borne diseases, protecting our local agricultural resources and helping growers make informed pest management decisions.

Integrated Pest Management Specialist inspects a PQ field.





Photo Credit: Olivia Chamberlin

Commodity	Year	Number of Head	Total Value
Livestock	2019	24,172	\$22,245,269
	2018	25,051	\$20,604,245
Misc. Animal Products*	2019		\$8,540,587
	2018		\$7,717,527
TOTAL	2019		\$30,785,856
	2018		\$28,321,772

\*Miscellaneous livestock includes aquaculture, dairy, poultry, goats, sheep, swine.





## Apiary

Apiary Products	Total # Hives	Total Value
2019	31,210	\$2,252,425
2018	24,599	\$635,328

Total value includes honey, beeswax, pollen, and pollination services.

## Commercial Fishing

Species	lbs.	Value
Lobster, California Spiny	274,748	\$4,571,006
Sea Urchin, Red	1,242,477	\$2,588,736
Thornyhead, Shortspine	146,850	\$1,269,498
Sablefish	383,375	\$1,082,460
Crab, Red Rock	362,939	\$615,946
Crab, Yellow Rock	312,959	\$535,965
Halibut, California	60,249	\$389,598
Prawn, Ridgeback	69,683	\$226,807
Sea Cucumber, Giant Red	31,727	\$154,974
Crab, Brown Rock	44,505	\$89,614
Misc.	440,973	\$130,127
<b>Total</b>	<b>3,370,485</b>	<b>\$11,654,731</b>

In 2018, commercial fishing operations working from Santa Barbara Harbor and Goleta Beach landed more than 127 different species of fish, valued at almost \$12 million. The most recent information originates from the California Department of Fish and Wildlife Report (Commercial fishing data is not included in overall agricultural values).





## Top Ten Export Countries \*

Canada	3,471	Kuwait	187
Japan	624	Philippines	127
Mexico	456	United Kingdom	69
Saudi Arabia	334	Costa Rica	62
United Arab Emirates (UAE)	216	Qatar	46

\* Data taken from Phytosanitary Certificates issued.

# Santa Barbara County Exports to 34 Different Countries

Countries exported to in 2019 (in alphabetical order):  
 Argentina, Australia, Brazil, Canada, Cayman Islands, Chile, China, Costa Rica, French Polynesia, Guatemala, Hong Kong, India, Indonesia, Italy, Japan, Kuwait, Mauritius, Mexico, Netherlands, New Caledonia, New Zealand, Panama, Philippines, Portugal, Republic of Korea, Russian Federation, Saudi Arabia, Singapore, Spain, Sri Lanka, Taiwan, Thailand, United Arab Emirates and United Kingdom.



## Top Exporters & Exports



CANADA



JAPAN



MEXICO



SAUDI ARABIA



UAE

Commodity	Tons Shipped	Commodity	Tons Shipped	Commodity	Tons Shipped	Commodity	Tons Shipped	Commodity	Tons Shipped
Cucumbers	12,188	Celery	1,559	Strawberries	3,472	Strawberries	781	Strawberries	565
Peppers	11,108	Strawberries	208	Broccoli	407	Blackberries	145	Raspberries	63
Strawberries	8,087	Broccoli	184	Brussels Sprouts	346	Raspberries	100	Blackberries	52



Every year, County Agricultural Biologists inspect thousands of shipments of plant products for pests to ensure entry into a variety of importing countries. We have inspected broccoli going to Canada, beans headed to Kenya, and blueberries destined for India, but rarely does the opportunity to inspect one of our county's biggest commodities going to China arise.

To comply with China's stringent importing requirements, the protocol is more complex than the typical inspection. Growers wishing to ship strawberries to China must register their growing locations, provide inspection stations, as well as information regarding Integrated Pest Management (IPM) practices, strawberry plant origin, traceability, and more. The exterior and interior of the fruit is inspected for pests that may be on China's list of "actionable pests". If one live actionable pest is found during inspection, the shipment cannot be exported to China.



Biologists inspect strawberries for export to China.

In 2019, our department worked with representatives from the USDA Animal and Plant Health Inspection Service (APHIS), California Strawberry Commission, and local shippers in hopes of having strawberries exported to Shanghai for the grand opening of the first-ever Costco Wholesale in China. After many hours of looking at individual strawberries under magnifiers and cutting more fruit than a strawberry shortcake factory, three

separate shipments totaling more than 1,600 pounds made it to the Shanghai Costco for their grand opening.

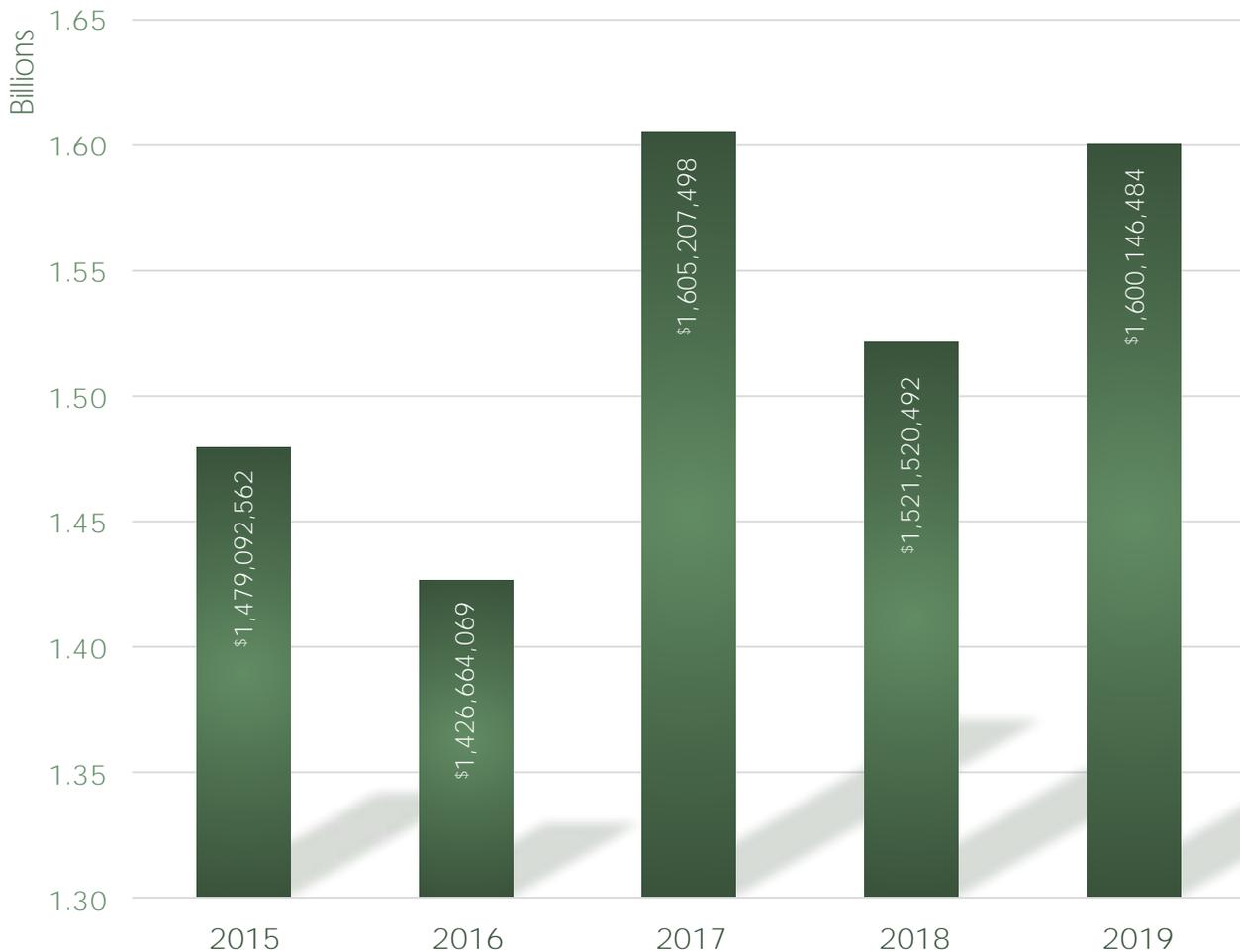
The process of shipping California Strawberries to China is a unique export situation. The coordination between multiple agencies and the strawberry industry makes these shipments a real team effort. Successfully having strawberries reach China shows hope for new frontiers for one of Santa Barbara County's biggest exports.



\*Photos from Costco opening courtesy of Cal Giant.

Commodity	2015	2016	2017	2018	2019
Vegetable Crops	\$539,846,497	\$515,397,033	\$588,662,957	\$512,648,361	\$601,057,330
Fruit & Nut Crops	\$582,102,370	\$546,727,621	\$605,447,793	\$622,050,161	\$686,759,763
Wine Grapes	\$106,198,172	\$151,629,764	\$146,129,595	\$121,307,213	\$106,078,716
Cut Flowers & Foliage	\$105,286,883	\$75,040,786	\$93,075,776	\$87,671,505	\$51,590,416
Nursery Products	\$85,816,058	\$78,911,967	\$100,654,079	\$103,820,835	\$97,624,558
Field & Seed Crops	\$20,388,067	\$19,487,436	\$19,568,781	\$15,090,812	\$23,997,420
Livestock & Animal Products	\$31,031,386	\$31,804,415	\$44,237,922	\$58,296,277	\$30,785,856
Dairy & Apiary* Products	\$8,423,129	\$7,665,047	\$7,430,595		
Apiary*				\$635,328	\$2,252,425
<b>TOTAL</b>	<b>\$1,479,092,562</b>	<b>\$1,426,664,069</b>	<b>\$1,605,207,498</b>	<b>\$1,521,520,492</b>	<b>\$1,600,146,484</b>

\* Apiary separated from Dairy Products as of 2018.



## Top 5 Registered Organic Crops Grown in Santa Barbara County by Acreage

1.	Strawberries	2,688
2.	Carrots	1,908
3.	Lettuce	1,384
4.	Broccoli	1,266
5.	Celery	884

	Acreage Farmed	Organic Farms
2019 Total	14,968	174



Consumer demand for organic products has increased over the past decade, resulting in an increase in the number of organic producers in Santa Barbara County. There are 174 organic farms registered in Santa Barbara County in 2019. Utilizing organic principles as required by the California Organic Products Act of 2003, these farms produce a wide variety of crops. Anyone interested in learning more about the organic program in California may do so by contacting their local County Agricultural Commissioner's office or visiting our website and selecting the "Other Ag Programs" tab for more information.





A certified farmers' market is a retail market intended for certified producers to sell primarily fresh produce direct to consumers. Today, these markets are also a destination and place to gather and socialize in many communities.

California has approximately 750 certified farmers' markets and over 2,700 certified producers. Santa Barbara County has 10 certified markets and over 100 certified producers. Each certified producer has at least one annual site inspection performed by the local agricultural commissioner's staff.



Certified Producers sell a variety of fresh produce at farmers' markets.

All certified producers have banners displayed in their certified market booths that state a phrase similar to **"We grow what we sell."** It is this phrase, which encompasses the work and reputation of each grower, that ties the farmer, community and consumer together in one place, at our local certified markets. This phrase (and the work that goes into its meaning) sets certified farmers' markets apart from the other markets.

## Market Schedule

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Goleta 10:00 am-2:00 pm		Orcutt 10:00 am-1:00 pm	Santa Maria 12:00-4:00 pm		Montecito 8:00-11:15 am	Santa Barbara 8:30 am-1:00 pm
Vandenberg Village 10:00 am-2:00 pm	--	Santa Barbara 2:30-7:30 pm	Solvang 2:30-6:30 pm	Carpinteria 3:00-6:30 pm	Lompoc 2:00-6:00 pm	



**O**ur Pest Exclusion program is the first line of defense to prevent pests detrimental to agriculture from becoming established in the state. We inspect incoming high-risk plant material at mail carriers, nurseries, retailers, and homes to prevent introduction of pests into the area.

Total Rated Pests Intercepted

515

Pest Species Intercepted	Scientific Name	Rating	# of Finds
Light Brown Apple Moth	<i>Epiphyas postvittana</i>	A	92
White Peach Scale	<i>Pseudaulacaspis pentagona</i>	A	4
Boxwood Scale	<i>Pinnaspis buxi</i>	A	3
Albopicta Scale	<i>Acutaspis albopicta</i>	A	2
Coconut Scale	<i>Aspidiotus destructor</i>	A	2
Fig Wax Scale	<i>Ceroplastes rusci</i>	A	2
Lesser Snow Scale	<i>Pinnaspis strachani</i>	A	2
Magnolia White Scale	<i>Pseudaulacaspis cockerelli</i>	A	2
Asian Citrus Psyllid	<i>Diaphorina citri</i>	A	1
Diaspidid Scale	<i>Fiorinia externa</i>	A	1
Gypsy Moth	<i>Lymantria dispar</i>	A	1
Hickory Shuckworm	<i>Cydia caryana</i>	A	1
Pacific Mealybug	<i>Planococcus minor</i>	A	1
Trilobe Scale	<i>Pseudaonidia trilobitiformis</i>	A	1
Misc.		A	6
TOTAL A RATED			121
Armored Scale	<i>Acutaspis perseae</i>	Q	19
Mealybug	<i>Phenacoccus</i> sp.	Q	18
Wax Scale	<i>Ceroplastes</i> sp.	Q	10
Whitefly	<i>Aleurotrachelus</i> sp.	Q	5
Ant	<i>Pheidole</i> sp.	Q	3
Bamboo Pit Scale	<i>Bambusaspis bambusae</i>	Q	1
Leafhopper	<i>Oncometopia</i> sp.	Q	1
Partridgeberry	<i>Mitchella repens</i>	Q	1
Thrip	<i>Thysanoptera</i> sp.	Q	1
Misc.		Q	26
TOTAL Q RATED			85
OTHER RATED PESTS			309

Pest Ratings: "A" – An organism of known economic importance, subject to enforcement action involving eradication, quarantine regulation, containment, rejection, or other holding action. "Q" – An organism or disorder requiring temporary "A" action pending determination of a permanent quarantine rating. The organism is suspected to be of economic importance, but its status is uncertain because of incomplete identification or inadequate information. Other ratings include: B, C and D.



## Dog Team

The department's Agricultural Detector Dog Team performed 97 inspections at carriers located across Santa Barbara County. The team also traveled throughout the state to provide additional support to the state CDFA Dog Program. The team found 109 pests of concern, of which 66 were found from unmarked packages which demonstrates that parcels continue to present a high-risk pathway for significant agricultural pests to enter the state.

Total 2019 Dog Team Finds = 109: A Rated – 24, B Rated – 4, Q Rated - 60, other rated pests-21.



## Sustainable Agriculture

Over 347 traps for the detection of different exotic pests were placed in Santa Barbara County. These pests include the Mediterranean, Oriental, and Melon Fruit flies, Asian Citrus Psyllid, Glassy-Winged Sharpshooter, Light Brown Apple Moth and the Gold Spotted Oak Borer. These traps were set at various densities per square mile and serviced as frequently as every two weeks.

### Biological Control

During 2019 Santa Barbara County made several live insect releases to suppress existing pests. In conjunction with CDFA, our department released over 13,000 *Tamarixia radiata* wasps. These releases occurred at locations throughout the county where small isolated pockets of the Asian Citrus Psyllids were detected.

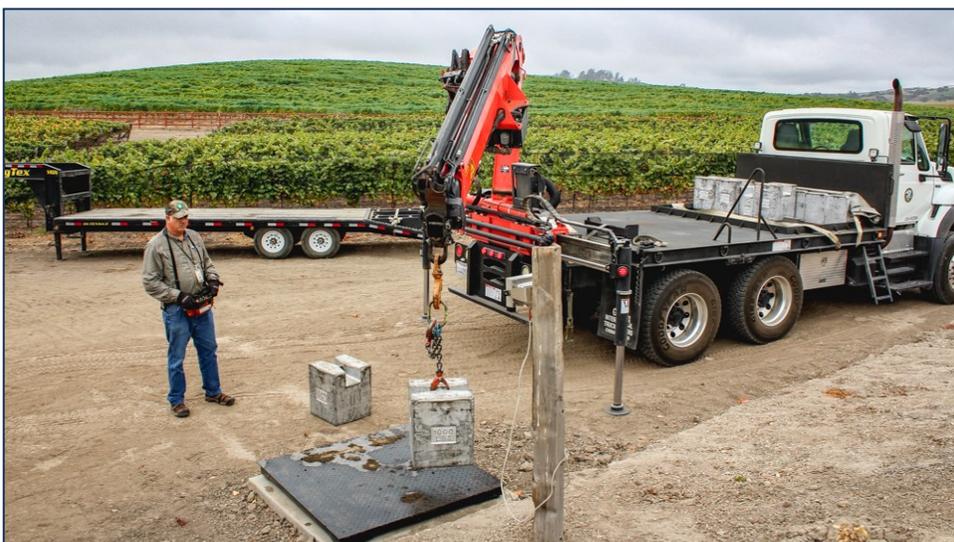
### Invasive Plant Assistance and Santa Barbara County Weed Management Area

In 2019, the County reestablished the Santa Barbara County Weed Management Area (SBCWMA). The group consists of various stakeholders and meets quarterly to discuss projects and issues related to invasive plant species in Santa Barbara County. The department has partnered with the Cachuma Resource Conservation District to provide invasive plant related services to the agricultural community including a hotline and an online resource to assist growers and ranches with plant identification and management control options.

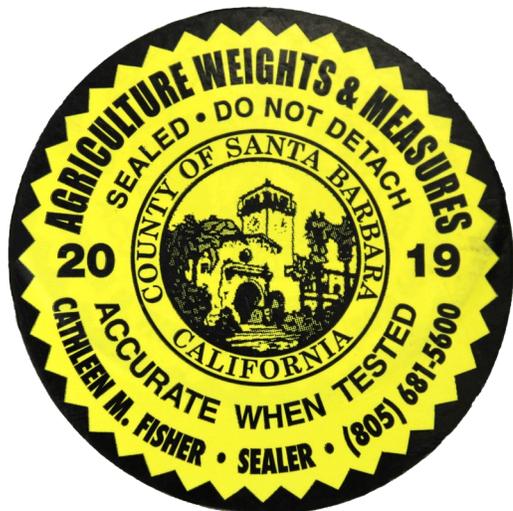


Weighing Device	Number of Inspections	Measuring Device	Number of Inspections
Computing/Counter Scales	1,055	Retail Fuel Meters	2,791
Vehicle Scales	65	Taxi Meters	108
Dormant/Platform Scales	345	Wholesale Meters	22
Livestock Scales	39	Liquid Propane Gas Meters	53
Hanging/Crane Scales	56	Vapor/Water/Electric Submeters	1,657
Jewelry Scales	91	Vehicle Meters	54
Miscellaneous Weighing Devices	11	Retail Water Vending Machines	215

When you purchase groceries at the market, fuel for your car at the service station, or buy merchandise by weight or measure, you think the transaction is only between you and the vendor. You may be surprised to know that every such transaction is participated in by a third person even though they are not present. The “third person” is the Weights and Measures Official who checks all weighing and measuring devices used in sales made to the public. This “third person” is always present protecting both the buyer and seller to save customers money and safeguard vendor’s businesses. Errors in either direction are unacceptable.



An inspector checks the accuracy of a scale at a vineyard.



The Santa Barbara County Division of Weights and Measures is proud to serve as the “third person” ensuring accuracy in our local marketplace.



Price & Quantity Verification	Number of Inspections	Items Sampled	Results
Price verification Inspections	739	1,509	20% of inspections had overcharges
120 retail fuel stations inspected for accuracy and signage.			
4,000 domestic utility water submeters certified for use in CA.			



Above: An inspector checks the accuracy of a retail fuel meter at a gas station.

L/R: Inspectors testing submeters (water and vapor) in the Weights & Measures laboratory.





Santa Barbara County Agricultural Commissioner Office employees model personal protective equipment for pesticide spraying during the Spray Safe event.  
*Photo Credit: Len Wood, Santa Maria Times*

An inspector addresses a group of growers during a continuing education workshop.



**O**ur department is continually looking for ways to help educate our growers. We provide numerous outreach and education opportunities to help meet our growers' needs. Department staff also attends training to stay current on regulatory issues and programs.

Department staff participating in a bee training hosted by CDFA to learn more about hive health.



Detector dog team demonstration at the Santa Barbara County Fair.  
*Photo Credit: Michael Collins Photo*



Santa Barbara County Agricultural Commissioner/Weights & Measures Department has recently implemented changes to better serve the needs of both the public and industry stakeholders. Along with the new locations, the department has made a change to staff classifications by adding a combined position of Agricultural/Weights and Measures Inspector. This is a change from formerly having two distinct positions, classified as Agricultural Biologist and also Weights & Measures Inspector respectively. This change provides for current staff to acquire necessary state licensing in agriculture and weights & measures and ensures that new hires begin in the combined position. The new position provides the department increased flexibility by enabling staff to work concurrently in agricultural and weights and measures programs.

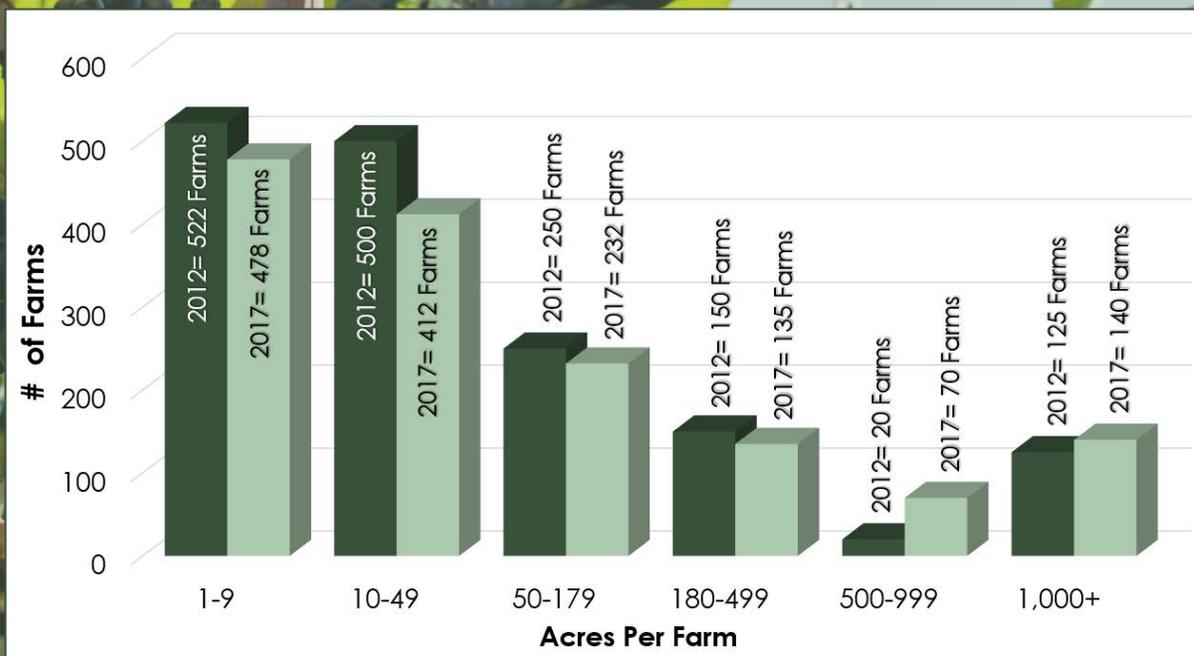
A few examples of online services offered by Santa Barbara County Agricultural Commissioner/Weights & Measures office include quarterly newsletters with important county and departmental updates, fee schedules, online forms and department contact information. Department online services also covers specific information pertaining to each program the department oversees. In addition to online services, the department has converted all of its pesticide use inspections to online web based forms. The paperless inspections are completed in the field with tablets through a web-based program called CalPEATS. This type of data base collection and electronic form submission allows for a streamline process for the grower's and businesses receiving the inspection reports and aids in eliminating some of the inefficiencies that come with dissemination and storage of paper copies.



An inspector uses a tablet to complete an inspection electronically.

# 2017 USDA Agriculture Census Data for Santa Barbara County

Santa Barbara County		
# of Farms	2017	1,467
	2012	1,597
Registered Organic	2017	149
	2012	163
Land in Farms (in acres)	2017	715,067
	2012	701,039
Demographics		
Male Prinicipal Operator	2017	1,216
	2012	1,269
Female Prinicipal Operator	2017	655
	2012	328
Average Age of Farmer	2017	60.5
	2012	61.2
Veteran (military) Farmers	2017	184
	2012	NA
Size of Farms		
Average Size of Farm (in acres)	2017	487
	2012	439



[https://www.nass.usda.gov/Quick\\_Stats/CDOT/chapter/2/table/1/state/CA/county/083](https://www.nass.usda.gov/Quick_Stats/CDOT/chapter/2/table/1/state/CA/county/083)

# Department Staff

## Commissioner/Sealer

Cathy Fisher

## Assistant Commissioner/Sealer

Rudy Martel

## Deputy Commissioners

Lottie Martin

Stephanie Stark

Debbie Trupe

## Deputy Sealer

Matthew Maiten

## IT Systems Analyst

Gus Maio

## Supervising Agricultural Biologists

Alma Cangelosi

Ryan Casey

## Supervising Weights and Measures Inspector

Daniel Garcia

## Administrative Staff

Traci Lewis

Mirtha Pantoja

Alicia Morales

Kendra Stites

## Agricultural IPM Specialist

Mel Graham

## Agricultural Biologists/Weights and Measures Inspectors

Sam Ansari	Sergio Flores Reyes	Molly Miller	Andrew Schaeffer
Danelyn Bagasol	Harriet Heath	Scott Perkins	Connor Shanahan
Noah Beyeler	Shawn Jensen	Adriana Rosales	Ian Swisher
Daniel Delfin	Julia Kosowitz	Monique Rosas	Chris Tyler
Elizabeth Diaz	Sally Leon-Tondro	Jose Ruiz	Reilly Walker
	Marko Marrero	Tashina Sanders	

## Agricultural Detection Canine

Doomis, handled by Chris Tyler

## Agricultural Technician/Extra Help

Dallys Estrada

Fernando Armenta Perez

Brendan Armenta Perez

Jose Sandoval

*All photos provided by staff unless otherwise noted.*

## MISSION STATEMENT

The mission of the Agricultural Commissioner's Office is to improve and protect agriculture, natural resources, and the quality of life in Santa Barbara County.

## AGRICULTURAL COMMISSIONER SERVICE DESCRIPTION

Protect California agriculture and facilitate the safe and legal movement of plants, locally, nationally, and internationally. Protect the public, workers, and the environment while ensuring compliance with laws and regulations governing pesticide use.

SANTA BARBARA COUNTY

2019 AGRICULTURAL PRODUCTION REPORT

[www.agcommissioner.com](http://www.agcommissioner.com)