



one  
COUNTY  
one  
FUTURE

2021

# AGRICULTURAL PRODUCTION REPORT



*County of Santa Barbara*



# AGRICULTURAL COMMISSIONER PROGRAMS

## APIARY INSPECTION:

- Registration of honeybee colonies
- Colony strength & health inspections

## CROP STATISTICS:

- Annual report of the gross production & value of the county's agricultural commodities
- Agriculture disaster surveys used by other agencies offering disaster relief

## FRUITS, NUTS & VEGETABLE

### STANDARDIZATION:

- Enforcement of California's minimum standards for quality & marketing produce commercially grown &/or marketed in the state
- Direct Marketing, Certified Producers & Certified Farmers Markets
- Organic law enforcement
- Local protection to growers, marketers & consumers

### NURSERY INSPECTION:

- Inspection of growing, propagation, and sale of nursery stock
- Ensure material is healthy and clean of pests

### PEST DETECTION:

- Early detection of insect pests
- Administering specific "action plans" for unwanted agricultural pests
- Maintaining properly trained & equipped pest detection teams

### PEST ERADICATION:

- Local government liaison to CDFA after a pest species is discovered
- Eradication of that particular pest species

## PEST MANAGEMENT:

- Managing nuisance pests of agriculture & human health
- Programs include glassy-winged sharpshooter, ground squirrels, capeweed, etc.

## PEST EXCLUSION:

- Interior Pest Exclusion
  - Enforcement of quarantines, inspection of packages, phytosanitary certification of exports
- Exterior Pest Exclusion
  - Quarantine enforcement of materials susceptible to insect infestation crossing into California with a Santa Barbara County destination

## PESTICIDE USE ENFORCEMENT:

- Provides for the proper, safe, & effective use of pesticides for agricultural production & protection of public health & safety
- Prohibiting, regulating or ensuring proper stewardship of pesticides for environmental protection
- Ensuring safe working conditions, use of proper protective equipment & training for employees working with or around pesticides
- Pesticide use reporting, incident investigations, outreach activities, & monitoring applications

## SEED CERTIFICATION & INSPECTION:

- Inspect retail & wholesale establishments that sell seed
- Collect samples for germination & purity testing
- Inspect labeling for compliance with state regulations
- Cooperate with the California Crop Improvement Association for seed certification

## **"PROTECTING AGRICULTURE AND THE ENVIRONMENT"**

# WHAT DO WE DO?

## WEIGHTS & MEASURES PROGRAMS

### DEVICES:

- Annually inspects commercial weighing & measuring devices to ensure they are correct
- Examples of commercial devices include livestock scales, vehicle scales, propane delivery trucks, fuel dispensers, deli scales, & taxi meters

### PETROLEUM:

- Enforce petroleum product quality, labeling & advertising requirements

### QUANTITY CONTROL:

- Determine proper weight, measure, or count of packaged goods
- Ensure package labeling requirements
- Ensure pricing accuracy at the checkout

### SERVICE AGENTS:

- Review the work of licensed persons that sell, rent, install, service or repair commercial weighing and measuring devices to validate the accuracy of their work & to verify the appropriate use of commercial devices

### WEIGHMASTER:

- Persons licensed to certify the weighed, measured, or counted quantity of any commodity are Weighmasters
- Assure accuracy of commercial transactions certified on a Weighmaster Certificate

For more information on programs, please visit: <https://www.cdfa.ca.gov/exec/county/Commissioner.html>



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Karen Ross, Secretary  
California Department of Food and Agriculture

The Honorable Board of Supervisors, County of Santa Barbara  
Das Williams, Vice Chair, First District  
Gregg Hart, Second District  
Joan Hartmann, Chair, Third District  
Bob Nelson, 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 2021 Santa Barbara County Crop Report. This statistical report summarizes the acreage, production and gross value of Santa Barbara County agriculture.

The 2021 crop year is one to be celebrated by our farmers and ranchers with reporting a total gross production value of \$1,918,186,000 surpassing the gross production value for the prior year by an increase of \$98,988,000, a 5.1% increase. This is a significant accomplishment considering 2021 continued to have its challenges with ongoing impacts from COVID-19, drought and supply distribution issues at California's local ports.

When looking at the statistics within the report, please keep in mind the incredible effort on the part of our farmers, ranchers, farmworkers, processors, distributors, university staff and many others who devoted their resiliency, perseverance and creativity towards assuring a continued safe food supply and keeping this state, nation and world fed.

The Santa Barbara County Crop Report is the result of a joint effort between department staff who collect, analyze and publish this important data 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 publish this important data.

Respectfully submitted,

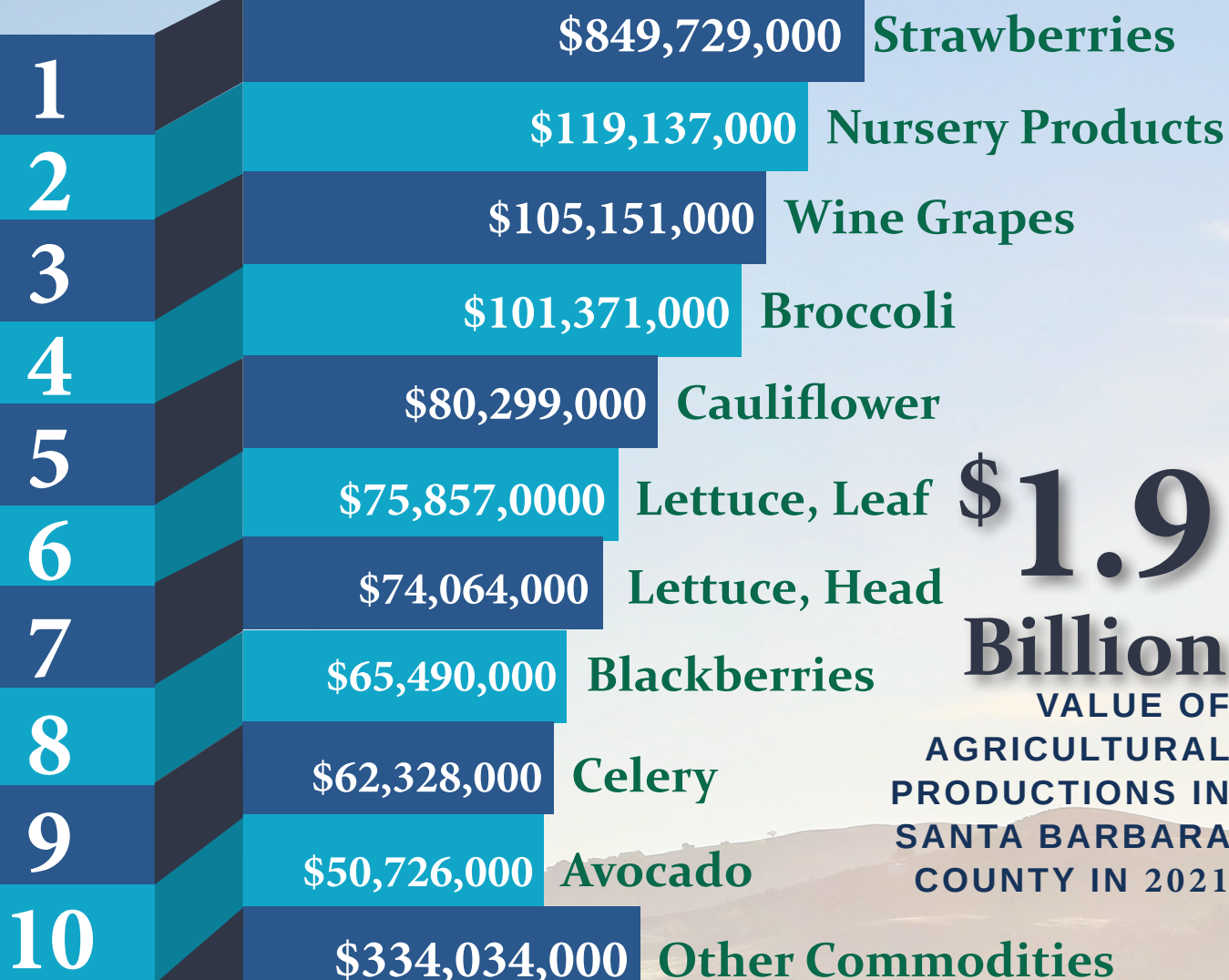
*C. Fisher*

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

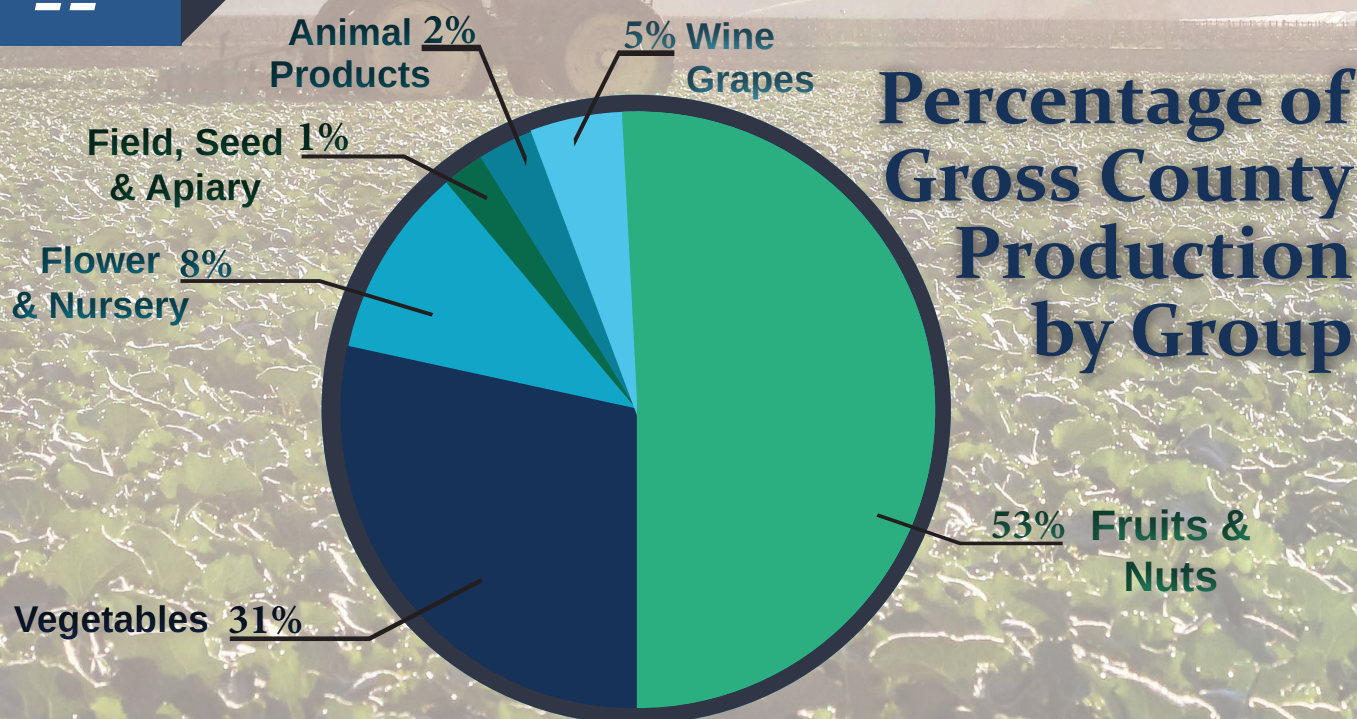


# 2021 Santa Barbara County Agriculture at a Glance

## Top Ten Commodities



All 2021 Values rounded to the nearest thousand dollars.







Crop	Year	Harvested Acreage	Yield Per Acre	Total Production	Unit	Price Per Unit	Total Value
Broccoli	2021	15,137	630	9,536,310	22lb CTN	\$10.63	\$101,371,000
	2020	16,365	559	9,148,035		\$11.44	\$104,654,000
Brussels Sprouts	2021	1,186	696	825,456	25lb CTN	\$21.30	\$17,582,000
	2020	1,323	748	989,604		\$19.88	\$19,673,000
Cabbage	2021	2,337	975	2,278,575	50lb CTN	\$9.39	\$21,396,000
	2020	1,945	1,164	2,263,980		\$6.96	\$15,757,000
Cauliflower	2021	12,511	647	8,094,617	25lb CTN	\$9.92	\$80,299,000
	2020	11,362	872	9,907,664		\$11.03	\$109,282,000
Celery	2021	5,990	855	5,121,450	60lb CTN	\$12.17	\$62,328,000
	2020	4,714	1,016	4,789,424		\$12.88	\$61,688,000
Lettuce Head	2021	7,936	719	5,705,984	50lb CTN	\$12.98	\$74,064,000
	2020	8,969	521	4,672,849		\$15.90	\$74,298,000
Lettuce Leaf	2021	6,813	797	5,429,961	30lb CTN	\$13.97	\$75,857,000
	2020	6,151	806	4,957,706		\$15.57	\$78,084,000
Spinach	2021	1,163	528	614,064	20lb CTN	\$11.57	\$7,105,000
	2020	1,378	498	686,244		\$11.48	\$7,878,000
Miscellaneous Vegetables*	2021	6,671					\$147,611,000
	2020	9,888					\$183,109,000
Total	2021	59,743					\$587,613,000
	2020	62,095					\$650,828,000

\*Misc. Includes: artichoke, arugula, asparagus, basil, bell pepper, beet, 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, summer squash, tomatillo, and tomato.





Crop	Year	Harvested Acreage	Yield Per Acre	Total Production	Price Per Ton	Total Value
Avocados	2021	5,721	3.85	22,026	\$2,303.00	\$50,726,000
	2020	5,768	4.89	28,206	\$2,842.00	\$80,161,000
Blackberries	2021	1,009	10.29	10,382	\$6,308.00	\$65,490,000
	2020	684	9.12	6,238	\$7,464.00	\$46,560,000
Blueberries	2021	377	1.80	678	\$12,663.00	\$8,586,000
	2020	216	2.34	505	\$9,018.00	\$4,554,000
Lemons	2021	1,516	18.93	28,698	\$475.00	\$13,632,000
	2020	1,489	16.94	25,224	\$370.00	\$9,333,000
Raspberries	2021	500	9.29	4,645	\$6,512.00	\$30,248,000
	2020	511	6.83	3,490	\$6,820.00	\$23,802,000
Strawberries Total	2021	11,238	---	385,166	---	\$849,729,000
	2020	10,503	---	381,262	---	\$727,444,000
<i>Fresh Strawberries</i>	<i>2021</i>	<i>11,238</i>	<i>28.91</i>	<i>324,890</i>	<i>\$2,339.00</i>	<i>\$759,918,000</i>
	<i>2020</i>	<i>10,503</i>	<i>30.83</i>	<i>323,807</i>	<i>\$2,040.00</i>	<i>\$660,566,000</i>
<i>Processed Strawberries</i>	<i>2021</i>	<i>---</i>	<i>---</i>	<i>60,276</i>	<i>\$1,490.00</i>	<i>\$89,811,000</i>
	<i>2020</i>	<i>---</i>	<i>---</i>	<i>57,455</i>	<i>\$1,164.00</i>	<i>\$66,878,000</i>
Miscellaneous* Fruit and Nut Crops	2021	1,357				\$5,082,000
	2020	3,191				\$11,445,000
Total	2021	21,718				\$1,023,493,000
	2020	22,362				\$903,299,000

\* Misc. Includes: apple, apricot, 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 in Tons	Price Per Ton	Total Value
Chardonnay	4,430	4.54	20,112	\$1,565	\$31,475,000
Pinot Noir	4,998	2.69	13,445	\$2,254	\$30,305,000
Syrah	1,065	3.19	3,397	\$2,576	\$8,751,000
Sauvignon Blanc	1,093	5.25	5,738	\$1,338	\$7,677,000
Cabernet Sauvignon	1,116	2.83	3,158	\$2,038	\$6,436,000
Grenache	603	4.30	2,593	\$1,885	\$4,888,000
Mourvedre	209	4.27	892	\$2,380	\$2,123,000
Cabernet Franc	211	3.95	834	\$2,274	\$1,897,000
Pinot Gris	236	3.45	815	\$1,661	\$1,354,000
Petite Sirah	193	4.06	784	\$1,527	\$1,197,000
White Reisling	105	4.86	510	\$2,087	\$1,064,000
Merlot	168	3.06	514	\$1,726	\$887,000
Miscellaneous Red	357	4.43	1,582	\$1,933	\$3,058,000
Miscellaneous White	426	4.36	1,857	\$2,175	\$4,039,000
Total	2021	15,210			\$105,151,000
	2020	14,399			\$93,836,000





Cut Flowers & Foliage	Year	Greenhouse (Sq. Ft.)	Outdoor Grown (Acres)	Total Value
<b>Dahlia</b>	2021	48,000	20	\$1,353,700
	2020	90,340	17	\$1,160,000
<b>Gerbera</b>	2021	646,540	---	\$4,406,000
	2020	687,640	---	\$4,715,000
<b>Lily</b>	2021	162,800	2	\$1,332,000
	2020	276,080	0.5	\$1,175,000
<b>Miscellaneous Cut Flowers/ Cut Foliage*</b>	2021	1,604,584	682	\$28,403,000
	2020	1,363,750	682	\$20,041,000
<b>Total Cut Flowers &amp; Foliage</b>	2021	<b>2,461,924</b>	<b>704</b>	<b>\$35,494,000</b>
	2020	2,417,810	699	\$27,091,000

\*Misc. Includes: Anemone, Aster, Bells of Ireland, Chrysanthemum, Cut Greens, Delphinium, Dianthus, Eucalyptus, Freesia, Gardenia, Gladiolus, Godetia, Gypsy, Hydrangea, Iris, Larkspur, Lavender, Liatris, Lilac, Limonium, Lisianthus, Marigold, Myrtle, Orchid, Poppy, Queen Anne's Lace, Ranunculus, Rose, Safflower, Solidaster, Statice, Stock, Sunflower, Sweet Peas, Tuberose, and Tulip.

Nursery Plants	Year	Greenhouse (Sq. Ft.)	Outdoor Grown (Acres)	Total Value
<b>Orchid</b>	2021	1,059,460	0	\$36,160,000
	2020	762,356	0	\$28,861,000
<b>Miscellaneous Potted Plants*</b>	2021	3,403,368	231	\$82,977,000
	2020	3,789,529	292	\$69,706,000
<b>Total Nursery Plants</b>	2021	<b>4,462,828</b>	<b>231</b>	<b>\$119,137,000</b>
	2020	4,551,885	292	\$98,567,000

\* Misc. 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	2021	567,595	\$6,071,000
	2020	568,303	\$6,079,000
Pasture	2021	2,752	\$663,000
	2020	2,702	\$651,000
Beans, Dry Edible	2021	415	\$525,000
	2020	562	\$625,000
Miscellaneous Grain and Seed*	2021	1,811	\$3,371,000
	2020	2,959	\$4,591,000
Total	2021	572,572	\$10,630,000
	2020	574,526	\$11,947,000

\*Misc. Includes: hay, alfalfa, forage, barley, oats, wheat, vegetable, flower and ornamental grass seed.

Apiary Products	Year	Number of Hives	Total Value
	2021	18,939	\$665,000
	2020	26,576	\$949,000







Livestock	Year	Number of Head	Total Value
Cattle, Market	2021	23,599	\$27,743,000
	2020	27,312	\$24,825,000
Miscellaneous Livestock*	2021	---	\$8,260,000
	2020	---	\$8,087,000
Total	2021	---	\$36,003,000
	2020	---	\$32,912,000

\* Misc. Includes: Aquaculture, Dairy, Poultry.

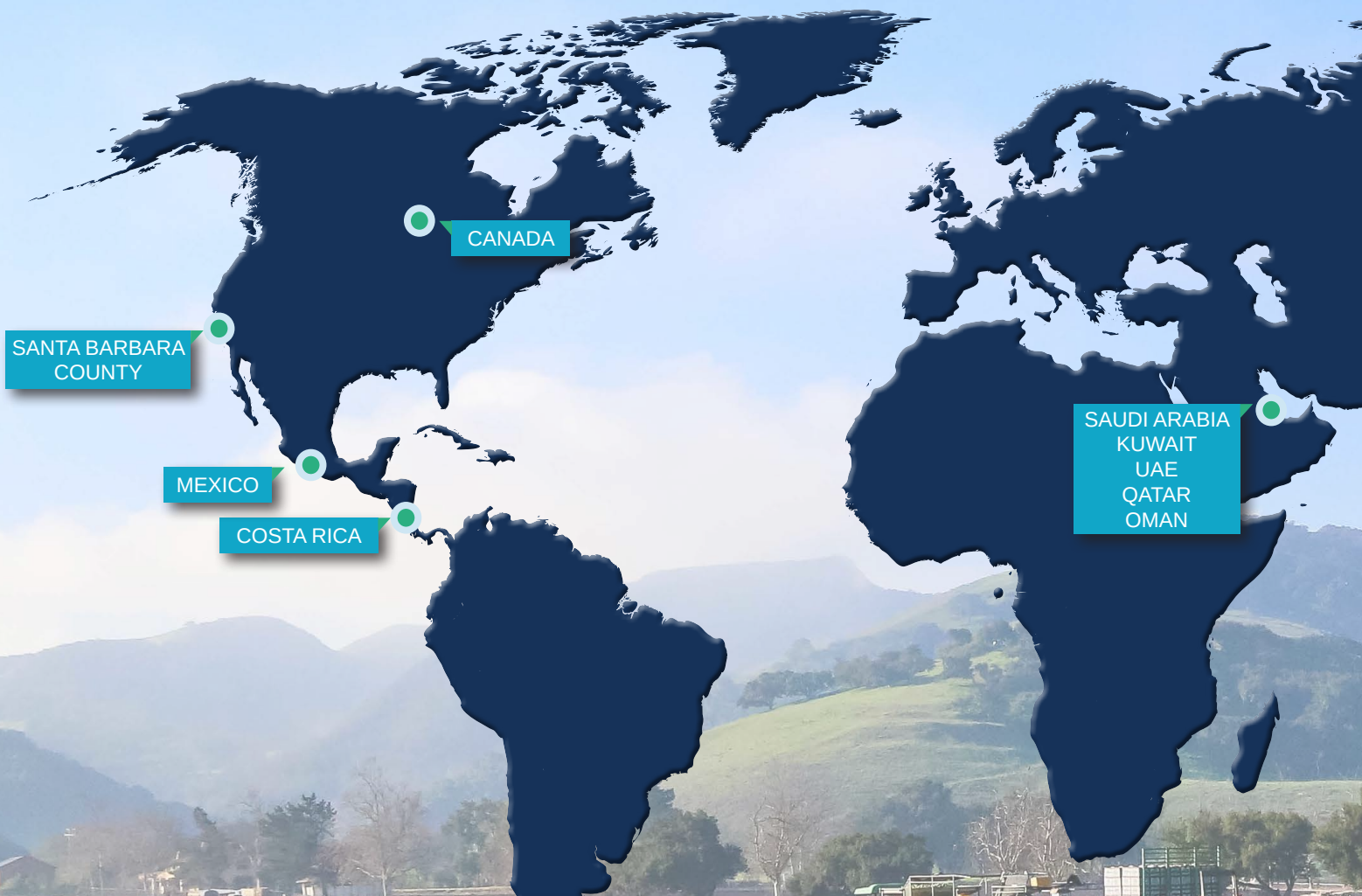
## Commercial Fishing

In 2020 and 2021, commercial fishing operations working from the Santa Barbara Harbor and Gaviota Beach landed more than 123 different species of fish. This information originates from the California Department of Fish and Wildlife (DFW) Report. Commercial fishing is not included in overall agricultural values. This report includes both 2020 and 2021 values.

Catch	Weight in Lbs.		Value	
	2020	2021	2020	2021
Lobster, California Spiny	262,166	233,860	\$4,891,413	\$5,412,394
Sea Urchin, Red	569,854	766,556	\$1,550,916	\$2,533,633
Prawn, Spot	57,494	23,862	\$853,619	\$404,562
Sablefish	294,494	209,290	\$753,144	\$607,439
Crab, Yellow Rock	316,189	154,039	\$599,145	\$323,005
Crab, Red Rock	268,657	243,584	\$506,807	\$492,634
Thornyhead, shortspine	56,474	36,560	\$490,656	\$344,381
Halibut, California	75,798	71,621	\$400,997	\$413,046
Rockfish, vermillion	54,531	56,490	\$173,437	\$169,153
Other miscellaneous	521,003	279,296	\$1,118,596	\$747,019
Total	2,476,660	2,075,158	\$11,338,730	\$11,447,266







## Top 10 Export Countries by Phytosanitary Certificates Issued

Canada	3,255
Japan	809
Saudi Arabia	569
Kuwait	399
United Arab Emirates	375
Mexico	350
Qatar	135
Oman	77
Costa Rica	63
Philippines	59

## What is a Phytosanitary Certificate?

A Phytosanitary Certificate is a document that facilitates shipment of agricultural commodities across borders and certifies that the shipment is free from prohibited plants, animals, and other pests.





# EXPORTS

# 6,447

## PHYTOSANITARY CERTIFICATES ISSUED TO 42 COUNTRIES

Argentina, Australia, Bahrain, Belgium, Canada, Chile, China, Colombia, Costa Rica, Denmark, France, French Polynesia, Germany, Guatemala, Hong Kong, India, Indonesia, Ireland, Israel, Japan, Republic of Korea, Kuwait, Malaysia, Mexico, Netherlands, New Zealand, Oman, Panama, Peru, Philippines, Poland, Qatar, Saudi Arabia, South Africa, Spain, Sri Lanka, Taiwan, Thailand, United Arab Emirates, United Kingdom, United States, Uruguay

PHILIPPINES

JAPAN

## Top Exports in Tons Shipped

### CANADA

CUCUMBER	9,591
STRAWBERRY	9,111
CAULIFLOWER	3,465
BROCCOLI	2,890

### JAPAN

CELERY	941
TOMATO	592
BROCCOLI	258
STRAWBERRY	158

### SAUDI ARABIA

STRAWBERRY	728
BLACKBERRY	243
RASPBERRY	204
BLUEBERRY	24

### KUWAIT

STRAWBERRY	187
RASPBERRY	85
BLACKBERRY	73
BLUEBERRY	24

### UNITED ARAB EMIRATES

STRAWBERRY	404
BLACKBERRY	149
RASPBERRY	137
BLUEBERRY	25



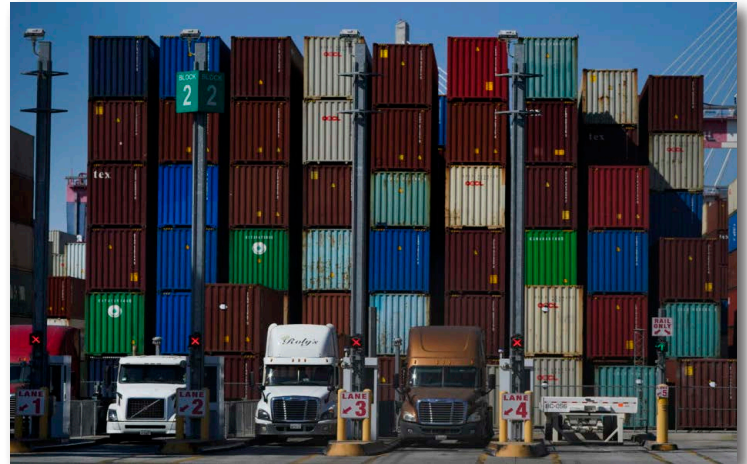
# Shipping Impacts on Agriculture

The COVID-19 pandemic had continued impacts on the global supply chain in 2021, creating challenges for local agriculture. An increased demand for durable goods, shortage of shipping containers, and persisting economic slowdown are some factors involved. In addition, pre-pandemic issues (shortage of truck drivers, “just in time” manufacturing processes, and inadequacies at domestic ports) exacerbated the supply chain problems. Market uncertainty was prevalent in 2021.

An article by the United States Department of Agriculture (USDA) titled “America’s Farmers: Resilient Throughout the COVID Pandemic” stated:

*“This year (2021), farmers and consumers have been planning production and managing household budgets at a time when markets are being jolted by global, national and regional shutdowns, slowdowns, and overall uncertainty. Those shocks to the U.S. and global economies have affected both the supply and demand for food in the U.S. and the rest of the world, leading to short-term, localized shortages in the U.S.*

*In general, U.S. food prices have risen since January (2021) while prices received by U.S. producers have fallen. But while rising wholesale and retail food prices and some temporarily empty shelves drew a lot of public attention and stoked fears over availability and affordability of our food, the severe impacts of the crisis on U.S. farmers have been much less visible.”*



Containers are stacked at the Port of Long Beach in Long Beach in Calif., Friday, Oct. 1, 2021. AP Photo/Jae C. Hong

## Cannabis

In January of 2021, California's 2021-2022 budget proposal included plans to consolidate the three state licensing authorities into a single Department of Cannabis Control (DCC). The consolidated authorities were: the Bureau of Cannabis Control (California Department of Consumer Affairs), the Manufactured Cannabis Safety Branch (California Department of Public Health), and CalCannabis (California Department of Food and Agriculture). The Legislature approved the DCC in July of 2021. Consolidation improves access to licensing and simplifies regulatory oversight of commercial cannabis. The DCC



better serves stakeholders including cannabis businesses, local governments, and members of the public by acting as a single point of contact. Establishment of uniform operations and procedures, leveraging of existing funding, and better service and coordination are the focus for the DCC moving forward. In 2021 the DCC issued 1,686 total licenses representing a total of 280 acres (16,578,100 square feet) of cultivation in Santa Barbara County.

**Note:** Cannabis is not included in the total gross production value for the county.

Commodity	2017	2018	2019	2020	2021
<b>Vegetable Crops</b>	\$588,662,957	\$512,648,361	\$601,057,330	\$650,828,000	\$587,613,000
<b>Fruit &amp; Nut Crops</b>	\$605,447,793	\$622,050,161	\$686,759,763	\$903,068,000	\$1,023,493,000
<b>Wine Grapes</b>	\$146,129,595	\$121,307,213	\$106,078,716	\$93,836,000	\$105,151,000
<b>Cut Flower &amp; Foliage</b>	\$93,075,776	\$87,671,505	\$51,590,416	\$27,091,000	\$35,494,000
<b>Nursery Products</b>	\$100,654,079	\$103,820,835	\$97,624,558	\$98,567,000	\$119,137,000
<b>Field &amp; Seed Crops</b>	\$19,568,781	\$15,090,812	\$23,997,420	\$11,947,000	\$10,630,000
<b>Livestock &amp; Animal Products</b>	\$44,237,922	\$58,296,277	\$30,785,856	\$32,912,000	\$36,003,000
<b>Dairy &amp; Apiary Products</b>	\$7,430,595				
<b>Apiary*</b>		\$635,328	\$2,252,425	\$949,000	\$665,000
<b>Total</b>	<b>\$1,605,207,498</b>	<b>\$1,521,520,492</b>	<b>\$1,600,146,484</b>	<b>\$1,819,198,000</b>	<b>\$1,918,186,000</b>

\*Apiary was separated from Dairy starting in 2018.







Purchasing produce at the market, taking a taxi to a local business, selling your old precious metal, and purchasing items at your favorite boutique. What do all of these have in common? All of these transactions are overseen by Weights and Measures. A Weights and Measures Official certifies devices such as scales, retail motor fuel meters (gas pumps), and taximeters. They also perform quantity control and sales price inspections at all businesses that are registered through the County scanning ordinance. Weights and Measures officials serve as a “third person” in transactions that helps to protect both the buyer and seller in all transactions based on weight, measure, or count.

Weighing Device	# of Inspections
Computing/Counter Scales	1,157
Vehicle Scales	62
Dormant/Platform Scales	437
Livestock Scales	45
Hanging/Crane Scales	59
Jewelry Scales/Class II	149
Miscellaneous Weighing Devices	6
Measuring Devices	# of Inspections
Retail Fuel Meters	2,771
Wholesale Meters	49
Liquid Propane Gas Meters	43
Vapor/Water/Electric Submeters	1,090
Vehicle Meters	69
Retail Water Vending Machines	180
Other Measuring Devices (Including Taxi's)	61

31

Consumer complaint investigations

4,518

Domestic utility water submeters certified for use in CA



# Organic Farming

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 were 174 organic farms registered in Santa Barbara County in 2021. Utilizing organic principles as required by the California Organic Products Act of 2003, these farms produce a wide variety of crops. Visit our website and select the “Other Ag Programs” tab to find more information.

Top 5	Organic Crop	Harvested Acreage
1	Strawberries	2,359
2	Carrots	1,764
3	Celery/Celeriac	979
4	Wine Grapes	661
5	Lettuce	494



174 12,132

Registered  
Organic Farms

Acres  
Farmed

## Farmers' Markets

A certified farmers' market is a retail market intended for certified producers to sell primarily fresh produce direct to consumers. 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 current certified producers. All certified producers have banners displayed in their booths that state a phrase similar to “*We grow what we sell*”. This phrase encompasses the work and reputation of the grower that tie the farmer, community and consumer together in one place, at our local certified markets.

## Market Schedule

### South County

#### Carpinteria

THURSDAY  
3-6 PM

#### Goleta

SUNDAY  
10 AM-2 PM

#### Montecito

FRIDAY  
8-11:15 AM

#### Santa Barbara

TUESDAY  
2:30-7:30 PM  
SATURDAY  
8:30 AM-1 PM

### Mid-County

#### Lompoc

FRIDAY  
2-6 PM

#### Solvang

WEDNESDAY  
2:30-6:30 PM

#### Vandenberg Village

SUNDAY  
10 AM-2 PM

### North County

#### Santa Maria

WEDNESDAY  
12-4 PM

#### Orcutt

TUESDAY  
10 AM-1 PM



Pest Species Intercepted	Scientific Name	Rating	# of Finds
Lesser Snow Scale	<i>Pinnaspis strachani</i>	A	29
Boxwood Scale	<i>Pinnaspis buxi</i>	A	20
Rufous Scale	<i>Selenaspidus articulatus</i>	A	8
Asian Citrus Psyllid	<i>Diaphorina citri</i>	A	7
Whitefly	<i>Aleurotrachelus anonae</i>	A	6
Magnolia White Scale	<i>Pseudaulacaspis cockerelli</i>	A	3
Oriental Scale	<i>Aonidiella orientalis</i>	A	2
Red Wax Scale	<i>Ceroplastes rubens</i>	A	2
Striped Mealybug	<i>Ferrisia virgata</i>	A	2
Diaspidid Scale	<i>Fiorinia externa</i>	A	2
Black Thread Scale	<i>Ischnaspis longirostris</i>	A	2
Masked Scale	<i>Mycetaspis personata</i>	A	2
Mealybug	<i>Pseudococcus jackbeardsleyi</i>	A	2
Spiraling Whitefly	<i>Aleurodicus dispersus</i>	A	1
Armored Scale	<i>Aulacaspis tubercularis</i>	A	1
Light Brown Apple Moth	<i>Epiphyas postvittana</i>	A	1
Spotted Lanterfly	<i>Lycorma delicatula</i>	A	1
Ant	<i>Ochetellus glaber</i>	A	1
Palm Mealybug	<i>Palmicultor palmarum</i>	A	1
Japanese Beetle	<i>Popillia japonica</i>	A	1
False Paralatoria Scale	<i>Pseudoparlatoria parlatorioides</i>	A	1
Skeleton Weed*	<i>Chondrilla juncea</i>	A	1

**Total A Rated 96**

Armored Scale Insects	Family Diaspididae	Q	44
Mealybug	Family Pseudococcidae	Q	20
Soft Scale Insects	Family Coccidae	Q	17
Aphid	Family Aphididae	Q	6
Ant	Family Formicidae	Q	4
Black Fig Fly	<i>Silba adipata</i>	Q	4
Croton Mussel Scale	<i>Lepidosaphes tokionis</i>	Q	4
Sharpshooter	<i>Graphocephala</i> sp.	Q	2
Whitefly	<i>Aleurotulus anthuricola</i>	Q	1
Brown Stink Bug	<i>Euschistus servus euschistoides</i>	Q	1
Xanthomonas bacteria	<i>Xanthomonas codiae</i>	Q	1
Other Q Rated		Q	40

**Total Q Rated 144**

\* Indicates CA Noxious Weed

**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.

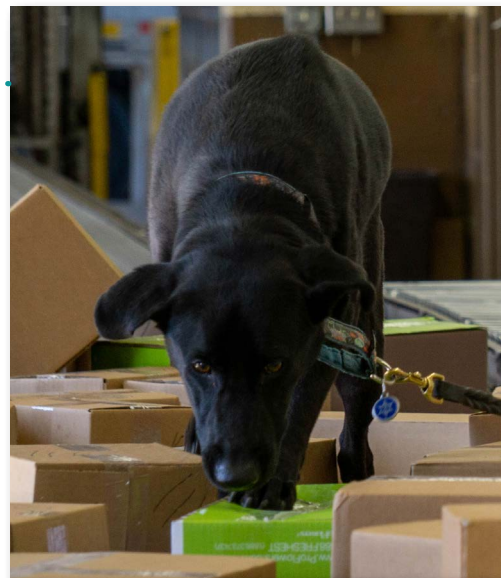
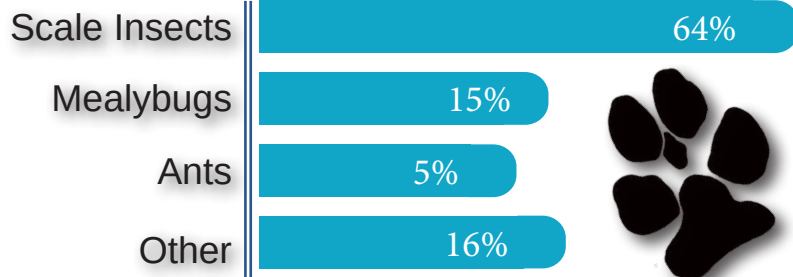


Pest Exclusion programs serve as the first lines of defense to prevent detrimental pests from reaching agriculture production sites. Agricultural Commissioner Staff inspect incoming high-risk plant material at mail carriers, nurseries, retailers, and homes to prevent the introduction of pests into the area.



# Dog Team

## Dog Team Finds by Type



# 158

## Total Dog Team Finds

The Department's Agricultural Detector Dog Team (Doomis and handler, Chris Tyler) alerted on 7,272 packages in 2021, of which 56 were unmarked packages. The dog team found 96 Q-rated, 56 A-rated, and 6 B-rated pests.

The purpose of the dog team is to enhance inspection and surveillance for the exclusion program, by taking advantage of Doomis' well trained nose to help identify packages that contain agricultural products at the county's postal carriers.

## Sustainable Agriculture

Over 347 traps for the detection of different exotic pests were placed, maintained, and inspected 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 Invasive Shot Hole Borers. Traps were set at various densities per square mile and serviced as frequently as every two weeks.



**60** Invasive Shot Hole Borer Traps  
Serviced Once a Month

**184** Light Brown Apple Moth Traps  
Serviced Once a Month



**746** GWSS Traps  
(Retail, Urban, & Wholesale)  
Serviced Every 2 Weeks

## Biological Control

During 2021, 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 wasps help to parasitize the Asian Citrus Psyllid, aiming to reduce populations before they establish themselves. Releases occurred at locations throughout the county where small isolated pockets of the Asian Citrus Psyllid were detected.





The purpose of the "Ag Pass" program is to provide a uniform way for emergency personnel to identify commercial farm and ranch owner-operators and managers. Possession of an Ag Pass potentially allows the agriculturalist limited emergency access to areas that may otherwise be restricted to the public, in order to: *1) protect or care for agricultural assets and/or 2) provide support information to emergency personnel (identifying access roads & water points, etc.).* Ag Pass holders are required to attend training in emergency procedures and understand that their role is to provide limited protection and/or care to the agricultural operation, not to fight fire or act as first responders during disasters. During the Alisal Fire, Ag Pass holders were able to use their passes to feed and water livestock, water crops, and assist the emergency responders. The program provided producers and emergency personnel with positive interactions.



### For More Information: Eligibility Requirements & Forms

(by clicking the link or scan  
the QR Code)  
with your mobile device)



Damage in young avocado  
grove from the Alisal Fires.



## Staff Highlight



In 2021, The Santa Barbara County Agricultural/Weights and Measures Department said goodbye to our longest tenured team member: Harriett Heath. She retired from the department in November of 2021 after 36 years of hardworking and honest service. Harriett is a Lompoc native who graduated from Cal Poly, and after several years as a teacher, changed career paths to become an agricultural biologist with the Department in 1985. Over the span of several decades she worked in almost every program and specialized in pesticide use enforcement and permitting. She was a fantastic source of knowledge and experience for every office of the county and knew almost every member of the large agricultural community that she served.

Now that she is retired, she has been spending even more of her time raising dairy goats, creating beautiful handmade quilts, working with future farmers and ranchers as a 4-H leader in the Santa Ynez Valley, and of course enjoying retirement with her family and friends.

*Congratulations Harriett!*

## Past Crop Reports

Past crop reports are archived and available through the Santa Barbara County Agricultural Commissioner's Website. To view the crop report archive going back as far as 1916, visit our website:

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

- On the lower-right portion of the homepage, you will find the heading "Popular Pages."
- Under "Popular Pages," click on "Crop Reports."
- Select the year that you would like to view.



As you go through crop reports from years past, you may see how the contents have differed and how our county's agriculture has changed.



# OFFICE LOCATIONS

The Santa Barbara County Agriculture/Weights & Measures Department has 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 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 (Monday-Friday 2:00-3:00 PM).

## Main Offices - Santa Maria

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



## Main Offices - Santa Barbara

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



## 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



# STAFF

## **Commissioner/Sealer**

Cathy Fisher

## **Assistant Commissioner/Sealer**

Rudy Martel

## **Deputy Commissioners/Sealers**

Matthew Maiten

Lottie Martin

Stephanie Stark

## **IT Systems Analyst**

Gus Maio

## **Supervising Agricultural Biologists/Weights and Measures Inspectors**

Noah Beyeler

Daniel Garcia

Ryan Casey

Connor Shanahan

## **Administrative Staff**

Traci Lewis

Mirtha Pantoja

Alicia DeLira

Kendra Stites

## **Agricultural IPM Specialist**

Mel Graham

## **Agricultural Biologists/Weights and Measures Inspectors**

Sam Ansari

Dallys Estrada

Marko Marrero

Tashina Sanders

Danelyn Bagasol

Shawn Jensen

Scott Perkins

Andrew Schaeffer

Alma Cangelosi

Julia Kosowitz

Adriana Rosales

Ian Swisher

Daniel Delfin

Cody Leeds

Monique Rosas

Chris Tyler

Elizabeth Diaz

Sally Leon-Tondro

Jose Ruiz

Reilly Walker

## **Agricultural Detection Canine**

Doomis, handled by Chris Tyler

## **Agricultural Technician/Extra Help**

Irelinn Dalton

James Small

Victoria Reyda

Quincy Smith

*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  
2021 AGRICULTURAL PRODUCTION REPORT

[WWW.AGCOMMISSIONER.COM](http://WWW.AGCOMMISSIONER.COM)