



# 2020



## AGRICULTURAL PRODUCTION REPORT

*County of Santa Barbara*

# 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 (M-F 2:00-3:00 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



## 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



## 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, Second District  
Joan Hartmann, Vice Chair, Third District  
Bob Nelson, 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 2020 Santa Barbara County Crop Report. This statistical report summarizes the acreage, production and gross value of Santa Barbara County agriculture.

For the 2020 crop year, as we have seen so many times before, our farmers and ranchers delivered in a big way with total gross production value of \$1,819,198,000 surpassing the gross production value for the prior year by an increase of \$219,051,516. This year's report also includes for the first time a separate insert that summarizes the County's cannabis industry. Cannabis production is not included in the total gross production of the county.

In this report, the Santa Barbara County crop statistics collected for 2020 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. It has allowed them to adapt in the face of adversity while continuing to produce safe, environmentally sustainable, and nutritious food for our neighbors.

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 published this important data.

Respectfully submitted,

*C. Fisher*

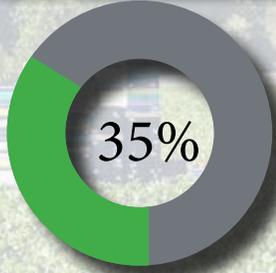
**Cathleen M. Fisher**  
Santa Barbara County  
Agricultural Commissioner/  
Director Weights & Measures

# 2020 Santa Barbara County Agriculture at a Glance

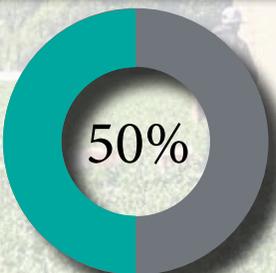
## Top Ten Commodities



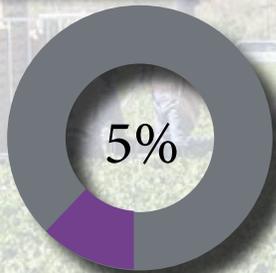
All 2020 Values rounded to the nearest thousand dollars.



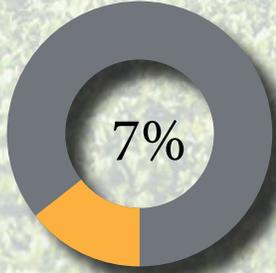
Vegetables



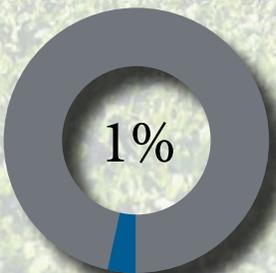
Fruits & Nuts



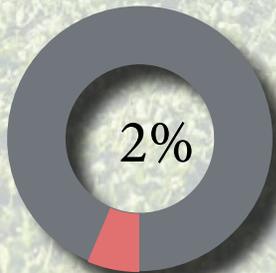
Wine Grapes



Flower & Nursery



Field, Seed & Apiary



Animal Prod.

### Percentage of Gross County Production by Group



Crop	Year	Harvested Acreage	Yield Per Acre	Total Production	Unit	Price Per Unit	Total Value
Broccoli	2020	16,365	559	9,148,035	22lb CTN	\$11.44	\$104,654,000
	2019	12,879	559	7,199,361		\$11.17	\$80,416,862
Brussels Sprouts	2020	1,323	748	989,604	25lb CTN	\$19.88	\$19,673,000
	2019	1,700	643	1,092,959		\$18.86	\$20,607,752
Cabbage	2020	1,945	1,164	2,263,980	50lb CTN	\$6.96	\$15,757,000
	2019	2,372	979	2,322,188		\$9.56	\$22,200,117
Cauliflower	2020	11,362	872	9,907,664	25lb CTN	\$11.03	\$109,282,000
	2019	11,089	765	8,483,085		\$10.76	\$91,277,994
Celery	2020	4,714	1,016	4,789,424	60lb CTN	\$12.88	\$61,688,000
	2019	4,214	1,025	4,319,350		\$13.04	\$56,324,324
Lettuce Head	2020	8,969	521	4,672,849	50lb CTN	\$15.90	\$74,298,000
	2019	8,367	556	4,652,052		\$17.47	\$81,271,348
Lettuce Leaf	2020	6,151	806	4,957,706	30lb CTN	\$15.75	\$78,084,000
	2019	4,978	1041	5,182,098		\$13.81	\$71,564,773
Spinach	2020	1,378	498	686,244	20lb CTN	\$11.48	\$7,878,000
	2019	1,780	647	1,151,660		\$11.98	\$13,796,886
Squash Summer	2020	1,246	1,338	1,667,148	26lb CTN	\$6.12	\$10,203,000
	2019	750	2,300	1,725,000		\$6.55	\$11,298,750
Miscellaneous Vegetables*	2020	8,642					\$169,311,000
	2019	12,628					\$172,906,276
Total	2020	62,095					\$650,828,000
	2019	59,057					\$601,057,330

\*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, tomatillo, and tomato.



Crop	Year	Harvested Acreage	Yield Per Acre	Total Production	Price Per Ton	Total Value
Avocados	2020	5,768	4.89	28,206	\$2,842.00	\$80,161,000
	2019	5,408	1.98	10,708	\$3,307.00	\$35,411,356
Blackberries	2020	684	9.12	6,238	\$7,464.00	\$46,560,000
	2019	452	8.05	3,639	\$6,531.95	\$23,766,309
Blueberries	2020	216	2.34	505	\$9,018.00	\$4,554,000
	2019	275	3.64	1,001	\$8,655.85	\$8,663,655
Lemons	2020	1,489	16.94	25,224	\$370.00	\$9,333,000
	2019	1,551	21.18	32,850	\$478.35	\$15,702,300
Raspberries	2020	511	6.83	3,490	\$6,820.00	\$23,802,000
	2019	434	9.25	4,015	\$6,838.15	\$27,454,570
Strawberries Total	2020	10,503	---	381,262	---	\$727,444,000
	2019	8,528	---	355,255	---	\$571,167,071
<i>Fresh Strawberries</i>	<i>2020</i>	<i>10,503</i>	<i>30.83</i>	<i>323,807</i>	<i>\$2,040</i>	<i>\$660,566,000</i>
	<i>2019</i>	<i>8,528</i>	<i>34.38</i>	<i>293,193</i>	<i>\$1,747</i>	<i>\$512,208,171</i>
<i>Processed Strawberries</i>	<i>2020</i>	<i>---</i>	<i>---</i>	<i>57,455</i>	<i>\$1,164</i>	<i>\$66,878,000</i>
	<i>2019</i>	<i>---</i>	<i>---</i>	<i>62,062</i>	<i>\$950</i>	<i>\$58,958,900</i>
Miscellaneous* Fruit and Nut Crops	2020	3,191				\$11,445,000
	2019	1,547				\$4,594,502
Total	2020	22,362				\$903,299,000
	2019	18,195				\$686,759,763

\* Misc. 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 in Tons	Price Per Ton	Total Value
<b>Pinot Noir</b>	5,504	2.66	14,641	\$2,812	\$41,170,000
<b>Chardonnay</b>	4,176	3.03	12,653	\$1,696	\$21,459,000
<b>Syrah</b>	1,233	2.82	3,477	\$2,507	\$8,717,000
<b>Sauvignon Blanc</b>	785	4.11	3,226	\$1,643	\$5,300,000
<b>Grenache</b>	377	3.30	1,244	\$2,451	\$3,049,000
<b>Cabernet Sauvignon</b>	473	2.82	1,334	\$1,971	\$2,629,000
<b>Pinot Gris</b>	303	4.23	1,282	\$1,549	\$1,986,000
<b>Merlot</b>	255	2.43	620	\$1,536	\$952,000
<b>White Reisling</b>	114	3.94	449	\$1,963	\$881,000
<b>Mourvedre</b>	119	3.13	372	\$1,987	\$739,000
<b>Cabernet Franc</b>	108	2.80	302	\$2,386	\$721,000
<b>Viognier</b>	160	2.71	434	\$1,657	\$719,000
<b>Miscellaneous Red</b>	470	3.30	1,551	\$1,971	\$3,057,000
<b>Miscellaneous White</b>	321	3.83	1,229	\$1,999	\$2,457,000
<b>Total</b>	<b>2020</b>	<b>14,399</b>			<b>\$93,836,000</b>
	<b>2019</b>	<b>14,927</b>			<b>\$106,078,716</b>



Cut Flowers/Cut Foliage	Year	Greenhouse (Sq. Ft.)	Outdoor Grown (Acres)	Total Value
<b>Dahlia</b>	2020	90,340	17	\$1,160,000
	2019	425,590	13	\$3,727,461
<b>Gerbera</b>	2020	687,640	---	\$4,715,000
	2019	840,937	---	\$7,222,219
<b>Lily</b>	2020	276,080	0.5	\$1,175,000
	2019	697,783	0.5	\$2,292,430
<b>Miscellaneous Cut Flowers/ Cut Foliage*</b>	2020	1,363,750	682	\$20,041,000
	2019	4,326,325	1,437	\$38,348,306
<b>Total Cut Flowers &amp; Foliage</b>	<b>2020</b>	<b>2,417,810</b>	<b>699</b>	<b>\$27,091,000</b>
	<b>2019</b>	<b>6,290,635</b>	<b>1,450</b>	<b>\$51,590,416</b>

\*Misc. Includes: Anemone, Aster, Bells of Ireland, Chrysanthemum, Cut Greens, Delphinium, Dianthus, Eucalyptus, Freesia, Gardenia, Gladiolus, Godetia, Gypsy, Hydrangea, Iris, Larkspur, Lavender, Liatris, Lilac, Limmonium, 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>	2020	762,356	0	\$28,861,000
	2019	1,235,933	0	\$26,907,446
<b>Miscellaneous Potted Plants*</b>	2020	3,789,529	292	\$69,706,000
	2019	4,086,910	238	\$70,717,112
<b>Total Potted Plants</b>	<b>2020</b>	<b>4,551,885</b>	<b>292</b>	<b>\$98,567,000</b>
	<b>2019</b>	<b>5,322,843</b>	<b>238</b>	<b>\$97,624,558</b>

\* 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
<b>Rangeland</b>	2020	568,303	\$6,079,000
	2019	573,678	\$6,139,318
<b>Pasture</b>	2020	2,702	\$651,000
	2019	2,756	\$625,612
<b>Beans, Dry Edible</b>	2020	562	\$625,000
	2019	1,564	\$1,683,638
<b>Miscellaneous Grain and Seed*</b>	2020	2,959	\$4,591,000
	2019	3,524	\$15,548,852
<b>Total</b>	<b>2020</b>	<b>574,526</b>	<b>\$11,946,000</b>
	<b>2019</b>	<b>581,522</b>	<b>\$23,997,420</b>

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

Apiary Products	Year	Number of Hives	Total Value
	<b>2020</b>	<b>26,576</b>	<b>\$949,000</b>
	<b>2019</b>	<b>31,210</b>	<b>\$2,252,425</b>





Livestock	Year	Number of Head	Total Value
Cattle, Market	2020	27,312	\$24,825,000
	2019	24,172	\$22,245,269
Miscellaneous Livestock*	2020	---	\$8,087,000
	2019	---	\$8,540,587
Total	2020		\$32,912,000
	2019		\$30,785,856

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

## Commercial Fishing

In 2019, commercial fishing operations working from Santa Barbara Harbor and Gaviota Beach landed more than 135 different species of fish, valued at almost \$11 million. This was a decrease of nearly \$1 million from the 2018 reported landings. The most recent information originates from the California Department of Fish and Wildlife Report (commercial fishing is not included in overall agricultural values).

Catch	Lbs.	Total Value
Lobster, California Spiny	274,696	\$3,847,676
Sea Urchin, Red	522,884	\$1,262,798
Sablefish	383,375	\$1,240,824
Thornyhead, Shortspine	146,850	\$890,240
Crab, Yellow Rock	312,959	\$778,989
Crab, Red Rock	362,939	\$582,182
Prawn, Spot	4,262	\$413,585
Halibut, California	60,249	\$335,061
Sea Cucumber, Giant Red	31,727	\$136,899
Seabass, White	17,098	\$78,119
Miscellaneous	536,349	\$1,236,561
<b>Total</b>	<b>2,653,388</b>	<b>\$10,802,934</b>





## Top Ten Export Countries by Phytosanitary Certificates Issued

Canada	3,145
Japan	713
Mexico	429
Saudi Arabia	339
Kuwait	339
United Arab Emirates (UAE)	258
Costa Rica	59
Netherlands	52
Thailand	45
Qatar	41

**TOTAL CERTIFICATES ISSUED 6,606**

### 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

# 6,606

## PHYTOSANITARY CERTIFICATES ISSUED TO 39 COUNTRIES

Canada, Japan, Mexico, Saudi Arabia, Kuwait, United Arab Emirates, Costa Rica, Netherlands, Thailand, Qatar, Chile, Guatemala, United Kingdom, Philippines, Oman, Taiwan, France, China, Indonesia, Barbados, Bahrain, Republic of Korea, French Polynesia, Australia, Cambodia, New Zealand, United States (Territories), Germany, Uruguay, India, Sri Lanka, Belgium, Italy, Colombia, Argentina, Poland, Trinidad and Tobago, Nepal, Spain

### Top Exports in Tons Shipped

#### CANADA

CUCUMBER	10,811
STRAWBERRY	7,696
PEPPER	6,169
CAULIFLOWER	2,860

#### JAPAN

CELERY	1,234
TOMATO	764
BROCCOLI	389
STRAWBERRY	198

#### MEXICO

STRAWBERRY	3,131
BRUSSELS SPROUT	465
BROCCOLI	311
CELERY	194

#### SAUDI ARABIA

STRAWBERRY	986
BLACKBERRY	183
RASPBERRY	141
BLUEBERRY	18

#### KUWAIT

STRAWBERRY	733
BLACKBERRY	107
RASPBERRY	79
BLUEBERRY	34

Top 5	Organic Crop	Harvested Acreage
1	Strawberries	1,776
2	Carrots	1,680
3	Lettuce	837
4	Broccoli	583
5	Celery	440

**148**  
Registered organic farms

**9,656**  
Acres farmed by registered producers

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 currently 148 organic farms that were registered in Santa Barbara County in 2020. 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 visit our website and select Other Ag Programs tab to find more information.

## Santa Barbara County Research Hemp

During 2020, Santa Barbara County had (17) research industrial hemp cultivators (~600 acres). In coordination with Allan Hancock College Lompoc Valley Center, local research has included genetic testing, various agronomic studies, pesticide drift trials, terpene profiles effects, and cultivar performance analyses. Dr. Anjali Misra has recruited several students as student-workers and has worked to develop a program that creates an authentic research experience for students in Agriculture Biotechnology.



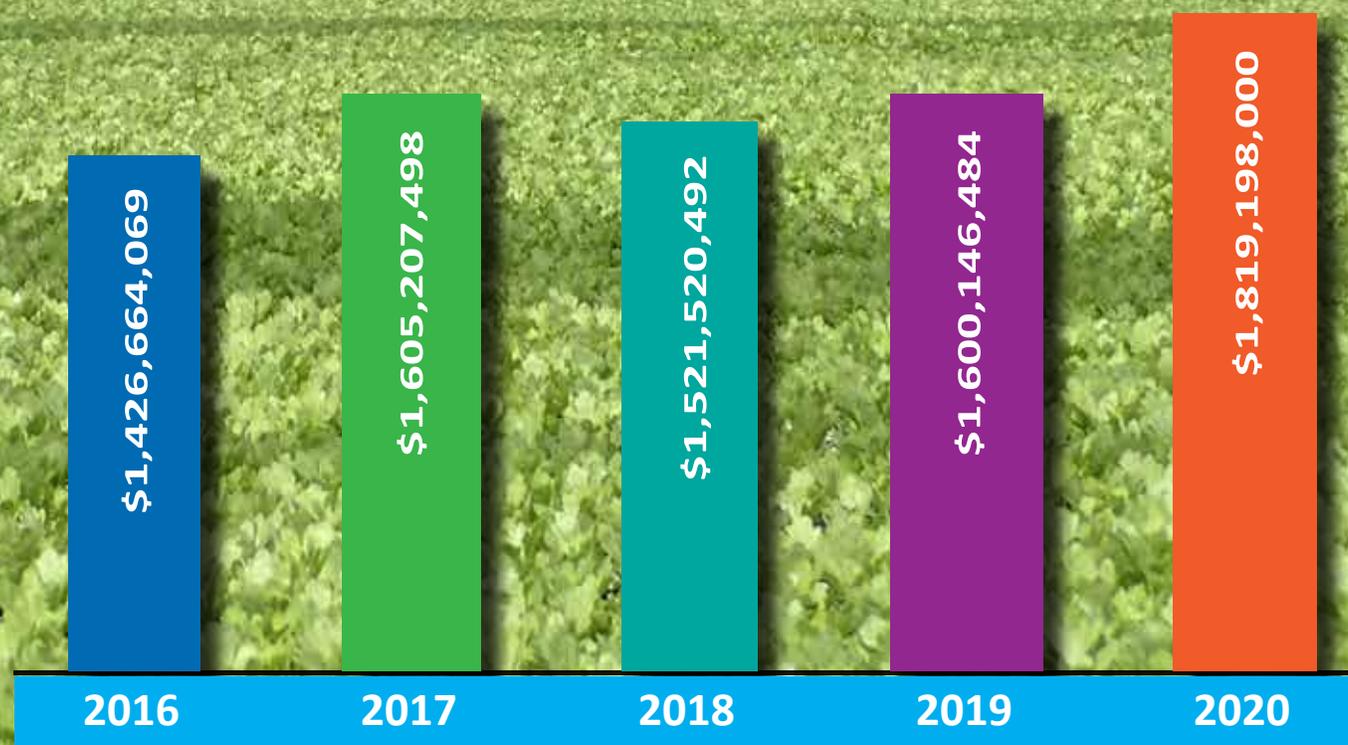
Part of AHC Hemp Research Project. Photo Courtesy of Allan Hancock College.

**Note:**

*Hemp is not included in the total gross production value for the county. Hemp grown for research is not considered a commodity (only Industrial Hemp is considered an agricultural commodity) according to CDFA.*

Commodity	2016	2017	2018	2019	2020
<b>Vegetable Crops</b>	\$515,397,033	\$588,662,957	\$512,648,361	\$601,057,330	<b>\$650,828,000</b>
<b>Fruit &amp; Nut Crops</b>	\$546,727,621	\$605,447,793	\$622,050,161	\$686,759,763	<b>\$903,068,000</b>
<b>Wine Grapes</b>	\$151,629,764	\$146,129,595	\$121,307,213	\$106,078,716	<b>\$93,836,000</b>
<b>Cut Flower &amp; Foliage</b>	\$75,040,786	\$93,075,776	\$87,671,505	\$51,590,416	<b>\$27,091,000</b>
<b>Nursery Products</b>	\$78,911,967	\$100,654,079	\$103,820,835	\$97,624,558	<b>\$98,567,000</b>
<b>Field &amp; Seed Crops</b>	\$19,487,436	\$19,568,781	\$15,090,812	\$23,997,420	<b>\$11,947,000</b>
<b>Livestock &amp; Animal Products</b>	\$31,804,415	\$44,237,922	\$58,296,277	\$30,785,856	<b>\$32,912,000</b>
<b>Dairy &amp; Apiary Products</b>	\$7,665,047	\$7,430,595			
<b>Apiary*</b>			\$635,328	\$2,252,425	<b>\$949,000</b>
<b>Total</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>	<b>\$1,819,198,000</b>

\*Apiary was separated from Dairy starting in 2018. Dairy is now included in the Animal Products group.





Purchasing produce at the market, taking a taxi to a local business, selling your old precious metal, and checking out at a 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 serves 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	1,165
Vehicle Scales	68
Dormant/Platform Scales	390
Livestock Scales	31
Hanging/Crane Scales	67
Jewelry Scales/Class II	95
Miscellaneous Weighing Devices	5

Measuring Devices	# of Inspections
Retail Fuel Meters	2,983
Wholesale Meters	43
Liquid Propane Gas Meters	51
Vapor/Water/Electric Submeters	2,234
Vehicle Meters	58
Retail Water Vending Machines	141
Other Measuring Devices (Including Taxi's)	67

**42**  
Consumer complaint investigations

**5,987**  
Domestic utility water submeters certified for use in CA



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
MID COUNTY	LOMPOC	FRIDAY 2-6 PM	SOLVANG	WEDNESDAY 2:30-6:30 PM	VANDENBERG VILLAGE	SUNDAY 10 AM-2 PM	SUNDAY 8:30 AM-1 PM	
NORTH COUNTY	SANTA MARIA	WEDNESDAY 12-4 PM	ORCUTT	TUESDAY 10 AM-1 PM				



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 current certified producers. 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 its grower that tie the farmer, community and consumer together in one place, at our local certified markets.

## Community Supported Agriculture

Throughout the pandemic, many farmers made a necessary pivot to direct-to-consumer sales using Community Supported Agriculture (CSA) boxes. These boxes allowed community members to receive fresh fruits, vegetables, and other local products. Options for pickup or door delivery made fresh food easily accessible to consumers and allowed farmers to sell produce that restaurants had previously purchased. Some boxes were distributed as subscription models, some were one-time-purchases, and others were preassembled boxes donated to help local food drives. Two major appeals of CSA boxes were feeling connected to local food producers and reduced need to visit grocery stores. The contents of CSA boxes could be customized and included a variety of local produce, meats, and local artisan items. CSA's are a direct way that Santa Barbara County residents and Santa Barbara County food producers supported each other through the pandemic.



Photo Courtesy of LocalHarvestDelivery.com.

Pest Species Intercepted	Scientific Name	Rating	# of Finds
Lesser Snow Scale	<i>Pinnaspis strachani</i>	A	21
Asian Citrus Psyllid	<i>Diaphorina citri</i>	A	9
Magnolia White Scale	<i>Pseudaulacaspis cockerelli</i>	A	6
Florida Wax Scale	<i>Ceroplastes floridensis</i>	A	5
Tea Scale	<i>Fiorinia theae</i>	A	5
Boxwood Scale	<i>Pinnaspis buxi</i>	A	4
Coconut Scale	<i>Aspidiotus destructor</i>	A	4
Ant	<i>Ochetellus glaber</i>	A	3
Fig Wax Scale	<i>Ceroplastes rusci</i>	A	3
Orchid Thrips	<i>Dichromothrips smithi</i>	A	3
Cycad Aulacaspis Scale	<i>Aulacaspis yasumatsui</i>	A	2
Diaspidid Scale	<i>Fiorinia externa</i>	A	2
Light Brown Apple Moth	<i>Epiphyas postvittana</i>	A	1
Skeleton Weed*	<i>Chondrilla juncea*</i>	A	1
Spotted Knapweed*	<i>Centaurea stoebe*</i>	A	1
Other A Rated		A	6
<b>Total A Rated</b>			<b>76</b>
Mealybug	Family Pseudococcidae	Q	30
Scale Insects	Family Coccidae	Q	28
Scale Insects	Family Diaspididae	Q	24
Ant	Family Formicidae	Q	10
Whiteflies	Family Aleyrodidae	Q	4
Pillpod Spurge	<i>Euphorbia hirta</i>	Q	3
Woodland Bittercress	<i>Cardamine occulta</i>	Q	2
Aphid	Family Aphididae	Q	2
Sesame Leafroller	<i>Antigastra catalaunalis</i>	Q	2
Leaf Blotch Miner	Family Gracillariidae	Q	2
Ensign Scales	Family Ortheziidae	Q	2
Artilleryweed	<i>Pilea microphylla</i>	Q	1
Prostrate Spurge	<i>Euphorbia prostrata</i>	Q	1
Purple Amaranth	<i>Amaranthus blitum</i>	Q	1
Snails/Slugs	Family Philomycidae	Q	1
Other Q Rated		Q	28
<b>Total Q Rated</b>			<b>141</b>

\* 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.



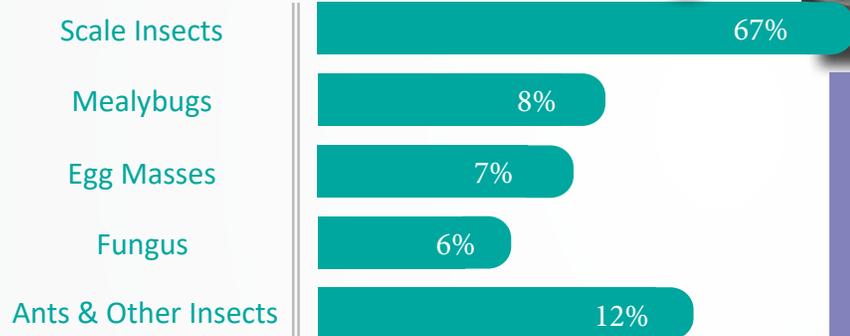


The Department's Agricultural Detector Dog Team alerted on 9,298 packages in 2020, of those 87 were unmarked packages. The dog team found 49 Q-rated, 24 A-rated, and 5 B-rated pests.

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



## Dog Team Finds by Type



78

Total Dog Team Finds

## 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 Goldspotted Oak Borer. Traps were set at various densities per square mile and serviced as frequently as every two weeks.

### Biological Control

During 2020, 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.

During the pandemic, we hosted several online trainings for our agricultural community. Topics included Pesticide Use Enforcement, Drift Mitigation, Compliance, Labeling, Employee Training, Bee Program Updates and Hemp/Cannabis IPM. Many of the trainings were provided in Spanish. These trainings help industry keep up-to-date with the continuing education requirements for maintaining licenses through the Department of Pesticide Regulation. Upcoming trainings are posted on our department calendar.



## SANTA BARBARA COUNTY AG PASS

The purpose of the "Ag Pass" program is to provide a uniform way to identify vetted commercial farm and ranch owner-operators and their employees to firefighting personnel, California Highway Patrol officers, Sheriff's deputies and other law enforcement officers, and other emergency personnel. Possession of an Ag Pass during a wildfire or a similar disaster 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 (such as irrigating crops or feeding, watering, and transporting livestock) and/or 2) provide support information to emergency personnel (such as identifying access roads and water points). Ag Pass cards are applied for and distributed to eligible agriculturalists before a disaster. Before the Ag Pass is provided, they will be provided 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.



**For More Information:**  
 Eligibility Requirements  
 & Forms  
 (by clicking the link or scan  
 the QR Code)



Growers & Ranchers attending an Ag Pass Training.



## Personal Protective Equipment Distributed to Industry

Masks (N95, Surgical, Cotton)	700,000
Latex Gloves	110,200
Bottles of Hand Sanitizer	2,750



During the COVID-19 pandemic, the Santa Barbara County Agricultural Commissioner’s Office received a one-time supply of surgical masks, cloth masks, hand sanitizer, and vinyl gloves which were made available for agricultural workers. PPE supplies were distributed



to local agricultural industry and Housing for the Harvest (local Family Service Agency). These were designed to help prevent the spread of infection or illness. In addition, the department also received a supply of N95 masks. These masks were in short supply and were not for COVID-19 protection; these masks were personal protective equipment for pesticide handlers and were to be made available for pesticide handlers in production agriculture.

Staff members distributing PPE to the local agricultural industry.



Please join our department in wishing Debbie Trupe a wonderful retirement! Debbie attended Purdue University and graduated with a degree in Animal Science. After graduation, she worked training and caring for horses before coming to the Agricultural Commissioner's Office as an Agricultural Biologist in 1990. Debbie was promoted to Supervising Agricultural Biologist in 1997, where she worked mostly in the Pesticide Use Enforcement program and taught many new biologists the ropes along the way. Because of her technical expertise and 20 years' experience with regulating pesticides, dealing with agriculture/urban interface issues, speaking at outreach events, and collaborating with County Agricultural Commissioner offices Debbie was promoted to Deputy Agricultural Commissioner in 2011. Debbie served as Deputy Agricultural Commissioner and Compliance Coordinator for the department until her retirement at the end of 2020. Debbie also served as Chair of the Agricultural Preserve Advisory Committee (APAC), as Administrative Support to the Agricultural Advisory Committee (AAC) and on several Statewide pesticide technical advisory committees as well as on a State working group to design a new Statewide database (CalPEATs). Debbie plans to use her passion for home improvement and horses to fill her retirement. She has several household projects in the works and will be participating in horse shows whenever she is able. Debbie will be missed by the department and the industry and we all wish her the very best!

## 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.

# 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 Morales

Kendra Stites

## **Agricultural IPM Specialist**

Mel Graham

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

Sam Ansari

Harriet Heath

Molly Miller

Tashina Sanders

Danelyn Bagasol

Shawn Jensen

Scott Perkins

Andrew Schaeffer

Daniel Delfin

Julia Kosowitz

Adriana Rosales

Ian Swisher

Elizabeth Diaz

Sally Leon-Tondro

Monique Rosas

Chris Tyler

Dallys Estrada

Marko Marrero

Jose Ruiz

Reilly Walker

## **Agricultural Detection Canine**

Doomis, handled by Chris Tyler

## **Agricultural Technician/Extra Help**

Alma Cangelosi

Amy Saetern

Davis Carlson

Alvin Xu

*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  
2020 AGRICULTURAL PRODUCTION REPORT

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

# Santa Barbara County Cannabis Report



The Cannabis report summarizes commercial cannabis production in Santa Barbara County for the year 2020. Data provided by the industry estimated the cannabis production value at \$194 million. Cannabis and Hemp were not included in the total 2020 County Crop Report gross production value.



## CDFA CalCannabis Cultivation Licensing in Santa Barbara County

2020	Nursery Processor	Specialty Cottage	Specialty	Small Indoor	Mixed Light	Outdoor	Total Value	
# of Licenses Issued by CDFA	40	35	2	12	1	500	1,148	1,738
Cultivation Licensed (Square Feet)	NA	NA	3,000	60,000	10,000	5,168,000	12,184,760	17,425,760
Cultivation Licensed (Acres)	NA	NA	0.06	1.37	0.23	118.64	279.72	400.04

## Cannabis Overall Production Value

Product	Production	Value
Flower (Various)	2,106,397 lbs.	\$178,074,000
Trim	178,692 lbs.	\$15,000,000
Nursery Products	1,053,005 plants	\$1,512,000
<b>Total Value</b>		<b>\$194,586,000</b>