

2019 Kern County Agricultural Crop Report



Department of Agriculture and Measurement Standards
1001 South Mount Vernon Avenue
Bakersfield, California 93307



DEPARTMENT OF AGRICULTURE AND MEASUREMENT STANDARDS

GLENN FANKHAUSER
Agricultural Commissioner
Sealer of Weights and Measures

1001 South Mount Vernon Avenue · Bakersfield, California 93307
Telephone 661-868-6300 · Fax 661-868-6301 · agcomm@kerncounty.com
website - www.kernag.com

September 11, 2020

THE HONORABLE BOARD OF SUPERVISORS
COUNTY OF KERN

Leticia Perez, Chair
Mike Maggard Zack Scrivner
Mick Gleason David Couch

AND

Ryan Alsop
Chief Administrative Officer

KAREN ROSS, SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

It is my pleasure to submit the 2019 Kern County Agricultural Crop Report. This annual report presents statistical information on acreage, yield and gross values of Kern County agricultural products in accordance with Sections 2272 and 2279 of the Food and Agricultural Code. The figures in this report represent only gross values and do not take into account the costs of production, marketing, transportation, or other ancillary costs. No attempt is made to reflect net income or loss to the producers of these commodities.

The 2019 gross value of all agricultural commodities produced in Kern County is \$7,620,699,180. This represents a two percent (2%) increase from the 2018 crop value (\$7,446,152,000).

The top five commodities for 2019 are Almonds, Grapes, Citrus, Pistachios, and Milk, which make up more than \$5.5 Billion (72%) of the Total Value; with the top twenty commodities making up 95% of the Total Value.

The 2019 Kern County Crop Report can be found on the Department of Agriculture and Measurement Standards website: www.kernag.com

I would like to thank all the members of the Agriculture and Measurement Standards staff who helped with the compilation and preparation of this report, especially Cerise Montanio and Ella Pike, Agricultural Biologist/Inspectors. Most of all, I extend my thanks and appreciation to all of the agricultural producers, contributing organizations and those individuals who provided the necessary information for this report.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Glenn Fankhauser".

Glenn Fankhauser
Agricultural Commissioner/Sealer of Weights and Measures

Table of Contents

i	Letter from the Commissioner
1	Top 20 Commodities
2	Permanent Acreage
4	Fruit & Nut Crops
6	Seed Crops
7	Field Crops
8	Vegetable Crops
10	Nursery Crops
10	Industrial & Wood Crops
11	Livestock & Poultry
11	Livestock & Poultry Products
12	Apiary Products
13	Summary
14	Pest Prevention & Control
15	Direct Marketing, Organic Farming, Exports & Pests

Note: Numbers published in this report may not compute exactly due to rounding.
Permanent Acreage may differ from actual Harvested Acreage for some commodities.

Kern County Department of Agriculture and Measurement Standards
1001 S. Mount Vernon Avenue, Bakersfield, California 93307
(661) 868-6300 phone, (661) 868-6301 fax
website: www.kernag.com
E-mail address: agcomm@kerncounty.com

Top 20 Commodities

<u>COMMODITY</u>	<u>VALUE</u>	<u>2018 RANKING</u>
1. Almond, Including By-Products	\$1,643,241,000	2
2. Grapes	1,425,274,000	1
3. Citrus, Fresh & Processing	997,785,000	4
4. Pistachios	886,702,000	3
5. Milk, Market & Manufacturing	570,405,000	5
6. Carrots, Fresh & Processing	336,151,000	6
7. Cattle & Calves	269,644,000	7
8. Alfalfa	140,721,000	8
9. Pomegranates, Fresh & Processing	122,102,000	14
10. Apiary	107,233,000	9
11. Potatoes	95,430,000	13
12. Nursery, Fruit and Nut Trees & Vines	89,980,000	10
13. Garlic, Fresh & Processing	86,166,000	15
14. Industrial Hemp	80,526,000	Not Ranked
15. Eggs	78,960,000	11
16. Silage & Forage	71,917,000	12
17. Blueberries	68,296,000	30
18. Onions	68,275,000	19
19. Pasture, All	51,264,000	20
20. Tomato, Fresh & Processing	49,759,000	17

Permanent Acreage 2019

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON-BEARING</u>	<u>TOTAL</u>
Almond	2019	226,000	8,430	234,430
	2018	223,000	11,670	234,670
Apples	2019	506	20	526
	2018	688	70	758
Apricots	2019	17	0	17
	2018	47	0	47
Blueberries	2019	1,420	0	1,420
	2018	1,260	0	1,260
Cherries	2019	3,865	843	4,708
	2018	4,501	392	4,893
Figs	2019	244	0	244
	2018	274	0	274
Grapefruit	2019	960	10	970
	2018	910	40	950
Grapes, All	2019	105,700	2,930	108,630
	2018	109,400	4,830	114,230
Raisin	2019	16,800	990	17,790
	2018	17,500	1,980	19,480
Table	2019	60,400	1,940	62,340
	2018	62,700	2,830	65,530
Wine	2019	28,500	0	28,500
	2018	29,200	20	29,220
Lemons	2019	4,640	190	4,830
	2018	4,130	130	4,260
Nectarines	2019	238	0	238
	2018	231	0	231
Olives	2019	168	659	827
	2018	128	586	714

Permanent Acreage 2019

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON-BEARING</u>	<u>TOTAL</u>
Oranges, All	2019	34,940	112	35,052
	2018	35,880	392	36,272
Navels	2019	30,000	87	30,087
	2018	30,500	392	30,892
Valencias	2019	4,940	25	4,965
	2018	5,380	0	5,380
Peaches	2019	659	0	659
	2018	665	0	665
Pears	2019	65	0	65
	2018	30	0	30
Pecans	2019	581	0	581
	2018	579	0	579
Persimmons	2019	325	0	325
	2018	327	25	352
Pistachios	2019	136,000	11,900	147,900
	2018	128,400	12,600	141,000
Pomegranates	2019	9,249	0	9,249
	2018	8,868	0	8,868
Prunes	2019	5	0	5
	2018	5	0	5
Tangerines & Tangelos	2019	28,200	410	28,610
	2018	25,800	670	26,470
Walnuts	2019	790	785	1,575
	2018	730	692	1,422
Miscellaneous	a/2019	145	0	145
	a/2018	246	0	246
Totals	2019	554,717	26,289	581,006
	2018	546,099	32,097	578,196

Note: Bearing acreage may not always be harvested.
a/ Includes: Avocado, Jujube, Lime, Plum, and Plumcot

Fruit & Nut Crops 2019

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Almonds	2019	226,000	1.31	a/295,000	Ton	\$5,420.00	\$1,599,752,000
	2018	223,000	1.15	a/256,000	Ton	\$4,690.00	\$1,200,514,000
Almond	2019	---	---	384,000	Ton	113.00	43,489,000
By- Products	2018	---	---	309,000	Ton	112.00	36,644,000
Apples	2019	---	---	---	Ton	---	---
	2018	675	3.64	2,460	Ton	771.00	1,896,000
Blueberries	2019	1,420	8.59	12,200	Ton	5,600.00	68,296,000
	2018	1,260	0.94	1,190	Ton	6,620.00	7,883,000
Cherries	2019	3,190	2.73	8,700	Ton	4,830.00	42,051,000
	2018	3,810	1.23	4,700	Ton	7,370.00	34,640,000
Citrus, All	2019	68,740	17.53	1,205,300	Ton	---	997,785,000
	2018	66,720	15.12	1,008,700	Ton	---	1,063,063,000
Grapefruit	2019	960	18.85	18,100	Ton	827.00	14,962,000
	2018	910	12.86	11,700	Ton	907.00	10,615,000
Lemons	2019	4,640	18.47	85,700	Ton	1,190.00	101,776,000
	2018	4,130	13.44	55,500	Ton	1,380.00	76,766,000
Oranges,	2019	30,000	13.03	391,000	Ton	770.00	299,441,000
Navels	2018	30,500	12.82	391,000	Ton	1,000.00	391,579,000
Oranges,	2019	4,940	16.50	81,500	Ton	640.00	52,200,000
Valencia	2018	5,380	16.26	87,500	Ton	962.00	84,208,000
Tangerine &	2019	28,200	11.52	325,000	Ton	1,500.00	487,602,000
Tangelo	2018	25,800	10.62	274,000	Ton	1,720.00	469,912,000
Processing,	2019	---	---	304,000	Ton	138.00	41,804,000
All Citrus	2018	---	---	189,000	Ton	159.00	29,983,000
Grapes, All	2019	105,700	11.73	1,239,380	Ton	---	1,425,274,000
	2018	109,400	12.39	1,355,710	Ton	---	1,512,473,000
Raisin Variety	b/2019	16,800	15.74	264,380	Ton	---	127,284,000
	b/2018	17,500	18.62	325,810	Ton	---	166,096,000
Fresh Market	2019	---	---	38,900	Ton	1,180.00	45,868,000
	2018	---	---	28,100	Ton	1,120.00	31,499,000
Raisins	c/2019	---	---	45,600	Ton	1,600.00	73,005,000
	c/2018	---	---	59,800	Ton	2,150.00	128,480,000

Fruit & Nut Crops 2019

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Processing	2019	---	---	7,780	Ton	\$ 575.00	\$ 4,474,000
	2018	---	---	5,210	Ton	584.00	3,042,000
Crushed	2019	---	---	18,000	Ton	219.00	3,937,000
	2018	---	---	14,400	Ton	214.00	3,075,000
Table Variety	2019	60,400	12.15	734,000	Ton	---	1,240,436,000
	2018	62,700	12.02	753,900	Ton	---	1,263,854,000
Fresh Market	2019	---	---	634,000	Ton	1,920.00	1,214,305,000
	2018	---	---	653,000	Ton	1,910.00	1,244,817,000
Crushed	2019	---	---	100,000	Ton	261.00	26,131,000
	2018	---	---	100,900	Ton	189.00	19,037,000
Wine Variety	2019	28,500	8.46	241,000	Ton	---	57,554,000
	2018	29,200	9.45	276,000	Ton	---	82,523,000
Crushed	2019	---	---	236,000	Ton	237.00	55,899,000
	2018	---	---	276,000	Ton	299.00	82,523,000
Juice	2019	---	---	5,000	Ton	331.00	1,655,000
	2018	---	---	---	Ton	---	---
Pistachios	2019	136,000	1.15	d/157,000	Ton	5,650.00	886,702,000
	2018	128,000	2.00	d/256,100	Ton	4,470.00	1,143,972,000
Tomatoes,	2019	5,680	50.70	288,000	Acre	80.00	23,002,000
Processed	2018	6,000	61.67	370,000	Acre	79.00	29,246,000
Walnuts	2019	790	1.63	d/1,290	Ton	1,970.00	2,541,000
	2018	730	1.99	d/1,450	Ton	1,300.00	1,881,000
Miscellaneous	e/2019	12,800	---	172,000	Ton	---	180,740,000
	f/2018	11,900	---	184,000	Ton	---	117,500,000
Totals	2019	560,320	---	3,762,870	Ton	---	\$ 5,269,632,000
	2018	551,495	---	3,749,310	Ton	---	\$ 5,147,712,000

Note: Organic commodities included

a/ Almond production stated in terms of Nut Meat Equivalents.

b/ Total production includes raisins on a Fresh Equivalent basis.

c/ A combined value reflecting free tonnage and reserve tonnage: Dry Ratio: 2019-4.38 to 1 2018-4.65 to 1

d/ Pistachio and Walnut production stated in terms of In-Shell Equivalents.

e/ Includes: Apples (Fresh & Processed), Apricot (Fresh & Processed), Avocado, Blackberry, Blueberry Processed, Cherry Processed, Chestnut, Fig (Fresh & Dry), Jujube, Kiwi, Kumquat, Lime, Nectarines, Olive (Fresh & Processed), Peach (Fresh & Processed), Pear, Pecan, Persimmon, Plum, Plumcot, Pomegranate (Fresh & Juice), Prune, Strawberry, Tomato (Fresh) and Quince.

f/ Includes: Apricot (Fresh & Processed), Avocado, Blackberry, Chestnut, Fig (Fresh & Dry), Jujube, Kiwi, Kumquat, Lime, Nectarines, Olive (Fresh & Processed), Peach (Fresh & Processed), Pear, Pecan, Persimmon, Plum, Plumcot, Pomegranate (Fresh & Juice), Prune, Strawberry, Tomato (Fresh) and Quince.

Seed Crops 2019

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Cotton	2019	---	60	Ton	\$ 282.00	\$ 16,900
	2018	---	---	Ton	---	---
Field	2019	380	1,110	Ton	---	507,000
	2018	25	25	Ton	---	13,000
Vegetable	a/2019	1,030	3,030	Ton	---	6,249,000
	b/2018	770	720	Ton	---	7,863,000
Totals	2019	c/1,410	4,200	Ton	---	\$ 6,772,900
	2018	c/795	745	Ton	---	\$ 7,876,000

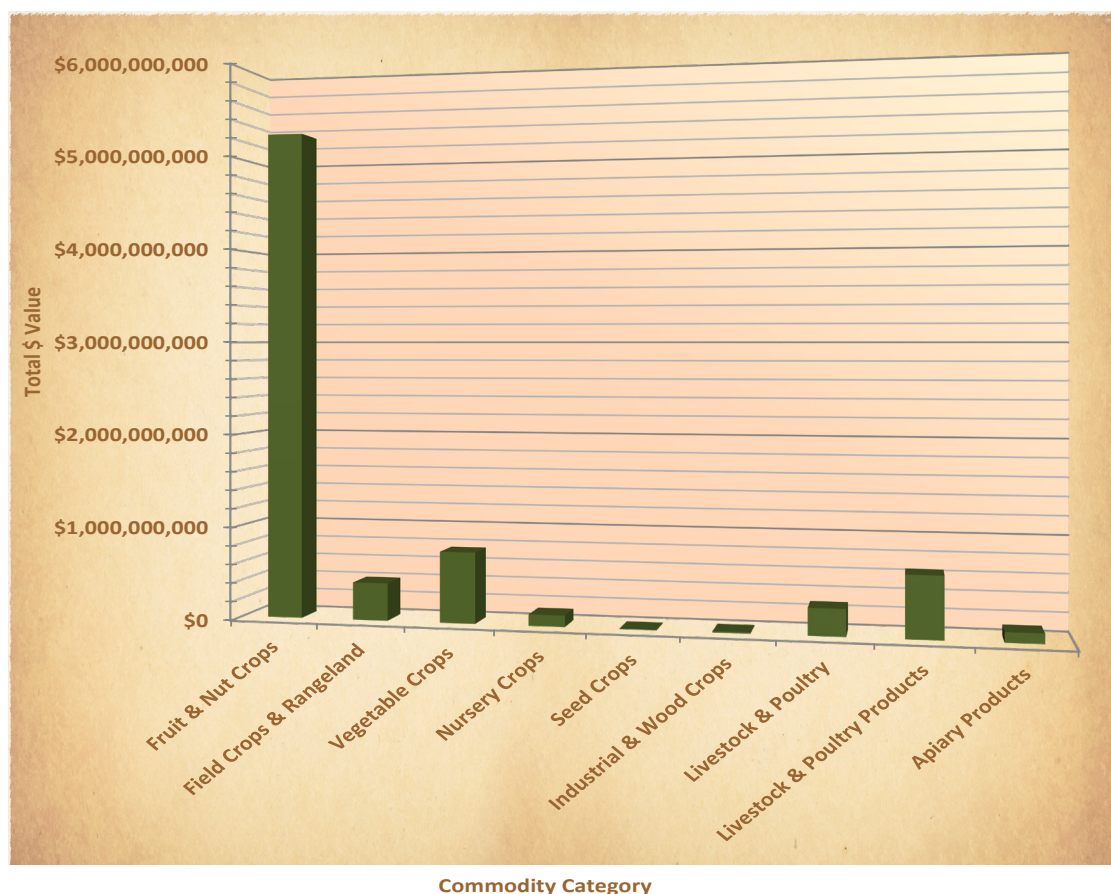
Note: Organic commodities included

a/ Includes: Broccoli, Lettuce, Onion, Potato, Bell Pepper and Tomato Seed

b/ Includes: Broccoli, Garlic, Lettuce, Onion, Potato, Melon, Watermelon and Tomato Seed

c/ Does not include cotton acreage

Total Value Comparison by Commodity Group



Field Crops 2019

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Barley	a/2019	4,050	0.61	2,490	Ton	\$ 175.00	\$ 435,000
	a/2018	661	1.44	950	Ton	235.00	223,000
Beans, Dry	2019	1,630	1.32	2,150	Ton	1,200.00	2,577,000
Edible	2018	815	1.93	1,570	Ton	800.00	1,291,000
Cotton Lint,	2019	4,180	b/1,540	12,900	Bale	d/0.86	5,552,000
Upland & Acala	2018	1,390	b/1,760	4,900	Bale	d/0.84	2,068,000
Cotton Lint,	2019	14,095	b/1,550	c/43,600	Bale	d/1.07	23,258,000
Pima	2018	22,375	b/1,660	c/74,000	Bale	d/1.39	51,765,000
Cottonseed	2019	---	---	19,500	Ton	373.00	7,277,000
Processing	2018	---	---	25,100	Ton	351.00	8,801,000
Hay, Alfalfa	2019	64,100	10.70	686,000	Ton	205.00	140,721,000
	2018	67,400	8.40	566,000	Ton	203.00	114,991,000
Hay, Grain	2019	10,540	3.03	32,000	Ton	163.00	5,214,000
	2018	12,290	3.31	40,700	Ton	146.00	5,924,000
Hay, Other	2019	3,960	3.89	15,400	Ton	151.00	2,331,000
	2018	4,100	3.90	16,000	Ton	148.00	2,365,000
Pasture,	2019	6,000	---	---	Acre	140.00	840,000
Irrigated	2018	6,000	---	---	Acre	140.00	840,000
Pasture, Other	2019	---	---	---	Acre	---	1,412,000
	2018	---	---	---	Acre	---	1,466,000
Pasture, Range	2019	1,442,000	---	---	Acre	33.99	49,012,000
	2018	1,430,000	---	---	Acre	24.99	35,742,000
Silage and	2019	90,000	19.06	1,715,000	Ton	41.90	71,917,000
Forage	2018	100,000	21.41	2,141,000	Ton	40.90	87,538,000
Wheat	2019	15,600	1.74	27,200	Ton	176.00	4,777,000
	2018	14,900	2.83	42,100	Ton	197.00	8,287,000
Miscellaneous	e/2019	8,500	---	48,700	Ton	---	87,433,000
	f/2018	6,900	---	71,900	Ton	---	10,272,000
Totals	2019	g/222,655	---	---	---	---	\$402,756,000
	2018	g/236,831	---	---	---	---	\$331,573,000

Note: Organic commodities included

a/ May contain dryland

b/ Pounds per Acre

c/ 500 Pounds Net Weight Bale

d/ Price per Pound

e/ Includes: Field Corn (Grain), Rape, Rye, Sorghum-Milo, Industrial Hemp, Soybean, Bermuda Grass, Straw, Triticale and Safflower

f/ Includes: Field Corn (Grain), Rape, Rye, Sorghum-Milo, Industrial Hemp, Soybean, Bermuda Grass and Safflower

g/ Does not include Range acreage

Vegetable Crops 2019

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Garlic,	2019	4,060	7.56	30,700	Ton	2,800.00	86,166,000
Fresh & Process	2018	5,350	8.45	45,200	Ton	1,580.00	71,392,000
Onions,	2019	2,760	46.01	127,000	Ton	469.00	59,588,000
Fresh	2018	3,520	27.81	97,900	Ton	230.00	22,527,000
Onions,	2019	5,060	11.07	56,000	Ton	155.00	8,687,000
Dehydrator	2018	2,880	42.78	123,200	Ton	128.00	15,722,000
Peppers, Bell	2019	1,300	25.92	33,700	Ton	1,150.00	38,898,000
Fresh	2018	2,050	19.37	39,700	Ton	1,050.00	41,674,000
Potatoes, All	2019	14,270	22.52	321,300	Ton	---	95,430,000
	2018	14,810	22.97	340,200	Ton	---	87,477,000
<u>Potatoes, Spring</u>	2019	9,880	27.79	274,600	Ton	---	70,393,000
	2018	11,070	26.36	291,800	Ton	---	71,612,000
Fresh Market	2019	---	---	122,000	Ton	333.00	40,591,000
	2018	---	---	127,000	Ton	314.00	39,918,000
Processing	2019	---	---	122,000	Ton	238.00	29,038,000
	2018	---	---	133,000	Ton	229.00	30,423,000
Culls	2019	---	---	30,600	Ton	25.00	764,000
	2018	---	---	31,800	Ton	40.00	1,271,000
<u>Potatoes, Winter</u>	2019	4,390	10.64	46,700	Ton	---	25,037,000
	2018	3,740	12.94	48,400	Ton	---	15,865,000
Fresh Market	2019	---	---	37,400	Ton	663.00	24,804,000
	2018	---	---	38,700	Ton	400.00	15,478,000
Culls	2019	---	---	9,300	Ton	25.10	233,000
	2018	---	---	9,700	Ton	40.00	387,000
Watermelons,	2019	1,680	34.46	57,900	Ton	392.00	22,690,000
Seeded/Seedless	2018	2,050	37.07	76,000	Ton	343.00	26,037,000
Miscellaneous	a/2019	38,400	---	1,051,000	Ton	---	447,343,000
	b/2018	43,500	---	1,111,000	Ton	---	505,472,000

Vegetable Crops 2019

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Totals	2019	67,530	---	1,677,600	Ton	---	\$ 758,802,000
	2018	74,160	---	1,833,200	Ton	---	\$ 770,301,000

Note: Organic commodities included

a/ Includes: Artichoke, Arugula, Asparagus, Beans Succulent (Fresh & Processed), Bok Choy, Broccoli, Butter Lettuce, Cabbage (Fresh & Processed), Cantaloupe, Carrots (Fresh & Processed), Cauliflower, Chard, Celery, Chive, Cilantro, Collard, Corn (Sweet), Cucumber, Daikon, Dandelion Red & Green, Dill, Eggplant, Fennel, Gai Choy, Gourd, Green Onions, Kale, Kohlrabi, Head & Leaf Lettuce, Leeks, Melons (Other), Mustard, Napa Cabbage, Parsley (Fresh & Processed), Peas (Fresh & Processed), Peppers (Chili, Sweet Chili & Processed), Pumpkin, Radishes, Red Beets, Romaine Lettuce, Rutabaga, Spinach, Squash, Sweet Potatoes and Turnips.

b/ Includes: Artichoke, Arugula, Asparagus, Beans Succulent (Fresh & Processed), Bok Choy, Broccoli, Butter Lettuce, Cabbage (Fresh & Processed), Cantaloupe, Carrots (Fresh & Processed), Cauliflower, Chard, Celery, Chive, Cilantro, Collard, Corn (Sweet), Cucumber, Daikon, Dandelion Red, Dill, Eggplant, Fennel, Gai Choy, Gai Lon, Gourd, Green Onions, Kale, Kohlrabi, Head & Leaf Lettuce, Leeks, Melons (Other), Mustard, Napa Cabbage, Parsley (Fresh & Processed), Peas (Fresh & Processed), Peppers (Chili & Processed), Pumpkin, Radishes, Red Beets, Romaine Lettuce, Rutabaga, Spinach, Squash, Sweet Potatoes and Turnips.

Kern County Certified Farmers' Markets

LOCATION	SEASON	DAY	TIME
Brimhall Farmers' Market NE Corner of Brimhall & Calloway, 9500 Brimhall Rd.	Year Round	Saturday	9am - 1:30pm
From the Farmhouse Golden State & F St., Bakersfield CA	Year Round	Saturday	7:45am-12pm
Adventist Health Farmers Market 2615 Chester Ave, Bakersfield CA	March through September	Every 2nd Thursday of the month	Mar, Apr, May, Sept: 5pm - 7:30pm Jul & Aug: 10:00am-1:00pm
Market at Seven Oaks Business Park 4521 Buena Vista Rd, Bakersfield CA	March-October	Every 4th Wednesday	4:30 pm-7:30 pm
Market On the Hill 3700 Mall View Rd, Bakersfield CA	Year Round	Saturday	9am - 2pm
Tesch Family Farms (Delano) 1508 Garces Hwy, Delano CA	June through November	Every other Tuesday	3pm-5pm
Tesch Family Farms (Lamont) 8787 Hall Road, Lamont CA	June through November	Every other Tuesday	3pm-5pm
Haggin Oaks Farmers' Market Corner of Ming & Haggin Oaks, 8800 Ming Ave.	Year Round	Sunday	9am - 2pm
Tehachapi Farmers' Market N. Green St., Tehachapi Blvd.	May through August	Thursday	4pm - 7:30pm
Wasco Farmers' Market Hwy 43 between 7th & 8th Streets	June through August	Wednesday	6pm - 9pm

Nursery Crops 2019

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Christmas Trees	2019	5	100	Tree	---	\$ 4,000
	2018	---	---	Tree	---	---
Fruit and Nut	a/2019	810	21,156,000	Plant	---	89,980,000
Trees & Vines	a/2018	1,560	24,691,000	Plant	---	96,641,000
Herbaceous	2019	---	---	---	---	3,105,000
Plants	2018	---	---	---	---	3,105,000
Ornamental	a/2019	65	566,000	Plant	---	1,245,000
Trees & Shrubs	a/2018	70	523,000	Plant	---	1,045,000
Propagative	2019	---	---	---	---	2,669,000
Material	2018	---	---	---	---	4,144,000
Roses	2019	740	6,434,000	Plant	\$ 2.89	18,575,000
	2018	640	5,531,000	Plant	\$ 2.33	12,890,000
Turf	2019	374	---	Sq Ft	---	5,962,000
	2018	262	---	Sq Ft	---	4,648,000
Totals	2019	1,994	---	---	---	\$ 121,540,000
	2018	2,532	---	---	---	\$ 122,473,000

a/ Includes: Container grown plants.

Industrial & Wood Crops 2019

<u>CROP</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Almond Hulls & Shells	2019	237,000	Ton	---	\$ 8,419,000
	2018	256,000	Ton	---	\$ 9,506,000
Biomass &	2019	236,000	Ton	---	4,965,000
Composting	2018	218,000	Ton	---	4,515,000
Timber	a/2019	159	Brd Ft	---	1,280
	a/2018	2,768	Brd Ft	---	305,000
Wood for Fuel	2019	1,186	Cord	---	439,000
	2018	1,536	Cord	---	599,000
Totals	2019	---	---	---	\$ 13,824,280
	2018	---	---	---	\$ 14,925,000

a/ Production and value based on information provided by: Timber Tax Division, Property Tax Department, State Board of Equalization.

Livestock & Poultry 2019

<u>COMMODITY</u>	<u>YEAR</u>	<u>NUMBER OF HEAD</u>	<u>TOTAL LIVEWEIGHT</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Cattle & Calves	2019	301,000	---	Head	\$ 900.00	\$ 269,644,000
	2018	300,000	---	Head	\$ 850.00	\$ 254,995,000
Sheep & Lambs	2019	85,000	90,000	Cwt	180.00	16,200,000
	2018	86,000	90,000	Cwt	180.00	16,200,000
Hogs	2019	1,017	2,560	Cwt	51.60	132,000
	2018	1,313	3,310	Cwt	50.50	167,000
Miscellaneous	a/2019	---	---	---	---	658,000
	a/2018	---	---	---	---	819,000
Totals	2019	---	---	---	---	286,634,000
	2018	---	---	---	---	\$ 272,181,000

a/ Includes: Game Birds for Meat, Registered Freshwater Aquaculturists, Ostrich and Other.

Livestock & Poultry Products 2019

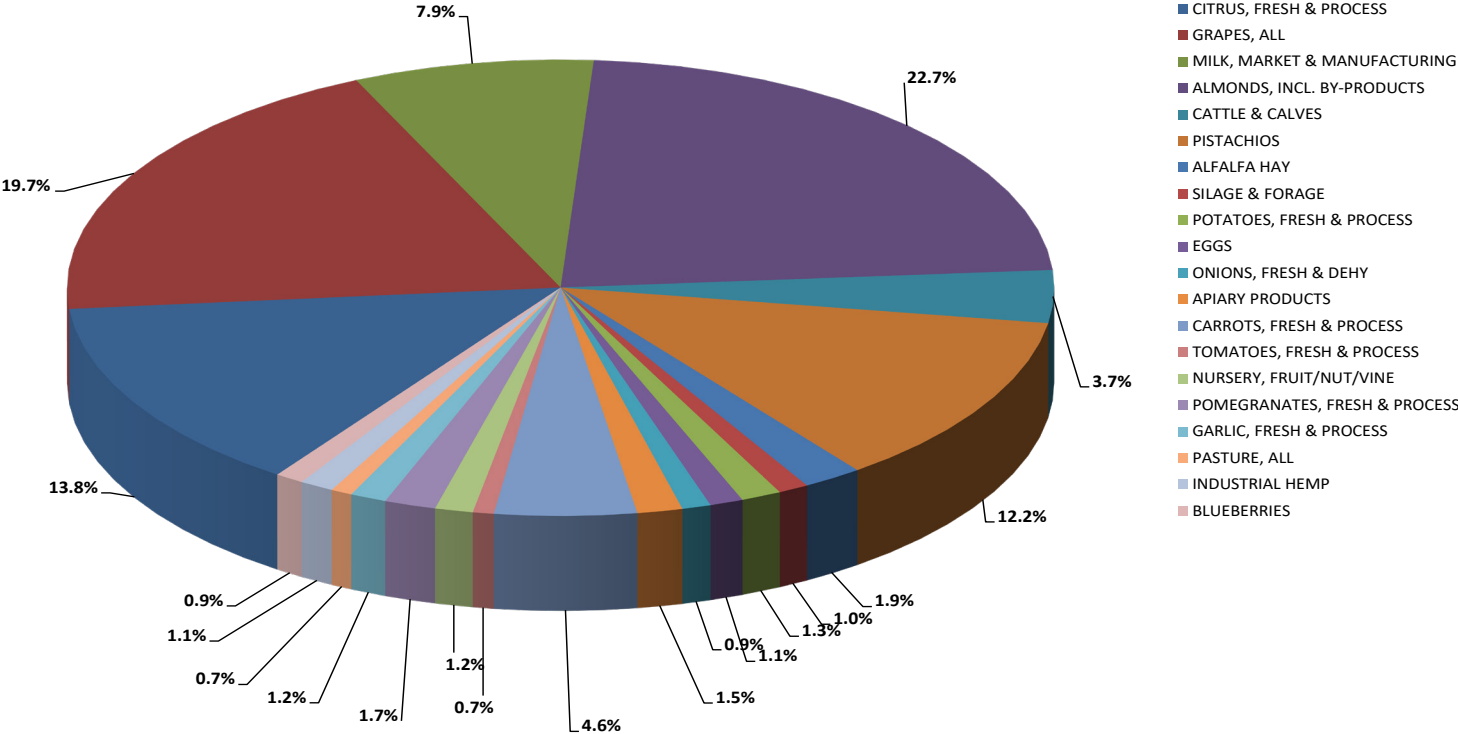
<u>PRODUCT</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Milk, Market	a/2019	34,570,000	Cwt	\$ 16.50	\$ 570,405,000
	2018	38,074,000	Cwt	\$ 15.50	\$ 591,257,000
Milk, Manufacturing	2019	---	Cwt	---	---
	2018	36,800	Cwt	17.30	638,000
Manure	2019	620,000	Ton	---	3,352,000
	2018	623,000	Ton	---	3,224,000
Wool	2019	450,000	Lb.	1.75	788,000
	2018	450,000	Lb.	2.35	1,058,000
Eggs & Egg Product	2019	---	---	---	78,960,000
	2018	---	---	---	91,115,000
Totals	2019	---	---	---	653,505,000
	2018	---	---	---	\$ 687,292,000

a/ Includes: Market and Manufacturing.

Apiary Products 2019

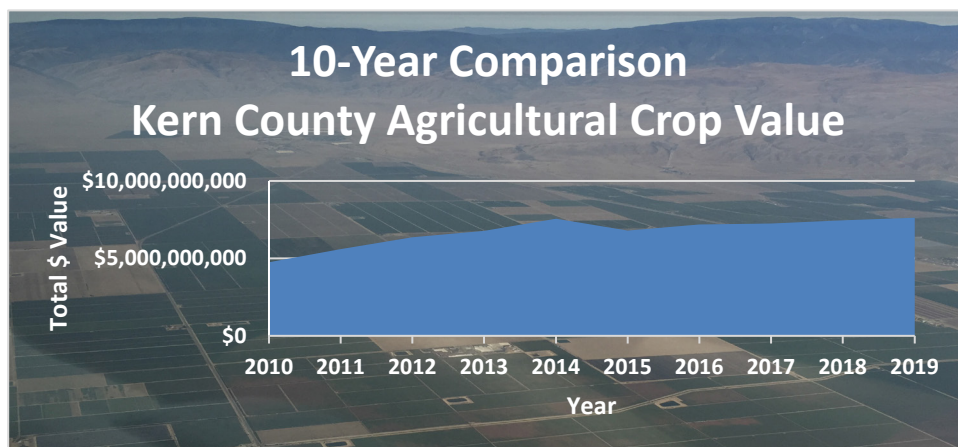
COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Honey	2019	6,487,000	Lb	\$ 1.56	\$ 10,119,000
	2018	5,372,000	Lb	\$ 2.16	\$ 11,604,000
Beeswax	2019	811,000	Lb	6.50	5,271,000
	2018	672,000	Lb	3.17	2,129,000
Pollination	2019	478,000	Colony	192.00	91,743,000
	2018	473,000	Colony	207.00	97,986,000
Other Apiary	2019	---	---	---	100,000
Products	2018	---	---	---	100,000
Totals	2019	---	---	---	\$ 107,233,000
	2018	---	---	---	\$ 111,819,000

TOP 20 COMMODITIES
BY TOTAL VALUE



Summary 2019

<u>COMMODITY</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>RANGE</u>	<u>TOTAL VALUE</u>
Fruit & Nut Crops	2019	560,320	---	\$ 5,269,632,000
	2018	551,495	---	\$ 5,147,712,000
Field Crops & Rangeland	2019	222,655	1,442,000	402,756,000
	2018	236,831	1,430,000	331,573,000
Vegetable Crops	2019	67,530	---	758,802,000
	2018	74,160	---	770,301,000
Nursery Crops	2019	1,994	---	121,540,000
	2018	2,532	---	122,473,000
Industrial & Wood Crops	2019	---	---	13,824,280
	2018	---	---	14,925,000
Seed Crops	2019	1,410	---	6,772,900
	2018	795	---	7,876,000
Livestock & Poultry	2019	---	---	286,634,000
	2018	---	---	272,181,000
Livestock & Poultry Products	2019	---	---	653,505,000
	2018	---	---	687,292,000
Apiary Products	2019	---	---	107,233,000
	2018	---	---	111,819,000
Totals	2019	853,909	1,442,000	\$ 7,620,699,180
	2018	865,813	1,430,000	\$ 7,466,152,000
Total Value without Timber	2019			\$ 7,620,697,900
	2018			\$ 7,465,847,000



Pest Prevention & Control 2019

<u>INSPECTION TYPE</u>	<u>PREMISES VISITED</u>	<u>SHIPMENTS INSPECTED</u>	<u>PESTS/NOR's</u>
Express Carriers	219	1090	0
U. S. Post Office	20	19	0
UPS	48	248	0/1
Federal Express	196	1,308	0
Federal Express Ground	56	779	0
Air Freight	268	936	0
Gypsy Moth	2	2	0
Florida/Southern States	3	3	0
Hawaii	0	0	0
Truck	499	716	0
High Risk Market	0	20	0
Red Imported Fire Ants	156	536	0/19
Asian Citrus Psyllid	0	0	0
Other	14	33	0

EXPORT TRAPPING

<u>CROP</u>	<u>TRAPS DEPLOYED</u>	<u>COUNTRY</u>	<u>PEST</u>
Apples	16	Various	Apple Maggot (<i>Rhagoletis pomonella</i>)

PEST DETECTION & TRAPPING

<u>TRAP NAME</u>	<u>NUMBER OF TRAPS DEPLOYED</u>
Jackson Trap	
Light Brown Apple Moth (<i>Epiphyas postvittana</i>)	467
Mediterranean Fruit Fly (<i>Ceratitis capitata</i>)	467
Melon Fruit Fly (<i>Bactrocera curcurbitae</i>)	254
Oriental Fruit Fly (<i>Bactrocera dorsalis</i>)	468
McPhail Trap	
Mexican Fruit Fly (<i>Anastrepha ludens</i>)	265
Delta Trap	
Gypsy Moth (<i>Lymantria dispar</i>)	458
Japanese Beetle Trap (<i>Popillia japonica</i>)	383
Trogothrap Khapra Beetle (<i>Trogoderma granarium</i>)	0
European Corn Borer Trap (<i>Ostrinia nubilalis</i>)	26
European Pine Shoot Moth Trap (<i>Rhyacionia buoliana</i>)	7
Glassy-winged Sharpshooter (<i>Homalodisca coagulata</i>)	221
Champ Trap	389
Mexican Fruit Fly (<i>Anastrepha ludens</i>)	
Yellow Panel Trap	
Asian Citrus Psyllid (<i>Diaphorina citri</i>)	4,073
Delta Trap	
European Grapevine Moth	3,558

Direct Marketing, Organic Farming, Exports & Pests 2019

DIRECT MARKETING

DIRECT MARKETING PROGRAM

Direct Marketing is a system that allows Certified Producers to market their produce directly to consumers via Certified Farmers Markets. The Department of Agriculture & Measurement Standards regulates this program to ensure that only certified produce is sold at Certified Farmers Markets. See a list of current Certified Farmers' Markets on Page 9 of this report.

ORGANIC FARMING

REGISTERED ORGANIC GROWER PROGRAM

Producers and growers who market their produce as "Organic" or "Organically Grown" must be certified by an accredited certifying agency and are required to register their organic fields with the state. The Department of Agriculture & Measurement Standards inspects these fields to ensure compliance with applicable laws and regulations.

Registered Growers and Handlers - 75

Partial listing of registered crops: Citrus, Grapes (Table, Wine, Raisins), Strawberries, Broccoli, Carrots, Celery, Lettuce (Head, Leaf, Spring/Salad Mixes), Spinach (Fresh and Processed), Tomatoes, Almonds, and Seed Crops.

EXPORTS

Phytosanitary Certification is one of the largest programs within the Department of Agriculture. Depending on the agricultural commodity and destination country, Phytosanitary Certification may be required, which attests to the freedom from insects and diseases, by an Accredited Certifying Official (ACO).

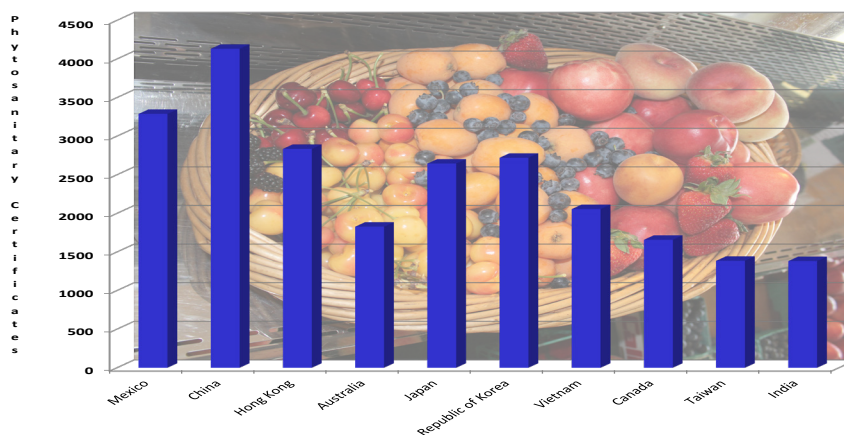
Phytosanitary Certificates Issued

33,489

TOP 10 DESTINATION COUNTRIES & PHYTOSANITARY CERTIFICATES ISSUED (listed greatest to least):

Mexico (3,128), China (2,791), Japan (2,416), Australia (1,957), Republic of Korea (1,954), Hong Kong (1,774), Vietnam (1,579), Canada (1,443), India (1,334), and Taiwan (1,088).

Top 10 Destination Countries for Kern County Exports



MAJOR COMMODITIES EXPORTED:

Grapes, Almonds, Pistachios, Oranges, Potatoes, Carrots, Cotton, Lemon, Tangelos and Other Citrus

PEST ERADICATION

Pink Bollworm Program For Kern County, Cooperative Pink Bollworm Project

Trapping*

0

Natives Detected

Sterile Release*

0

Moths

Plowdown*

18,275

Acres

*Cooperative Pink Bollworm Project