

2016 Kern County Agricultural Crop Report



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



www.kernag.com



DEPARTMENT OF AGRICULTURE AND MEASUREMENT STANDARDS

GLENN FANKHAUSER
Agricultural Commissioner
Sealer of Weights and Measures

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September 12, 2017

THE HONORABLE BOARD OF SUPERVISORS
COUNTY OF KERN

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AND

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County Administrative Officer

KAREN ROSS, SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

It is my pleasure to submit the 2016 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 2016 gross value of all agricultural commodities produced in Kern County is \$7,187,944,340. This represents a six percent (6%) increase from the revised 2015 crop value (\$6,802,067,690).

The top five commodities for 2016 are Grapes, Almonds, Citrus, Pistachios, and Milk which make up more than \$4.3 Billion (60%) of the Total Value; with the top twenty commodities making up more than 73% of the Total Value.

The 2016 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 blue ink, appearing to read "Glenn Fankhauser".

Glenn Fankhauser
Agricultural Commissioner/Sealer of Weights and Measures

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

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Top 20 Commodities - 2016

	<u>COMMODITY</u>	<u>VALUE</u>	<u>2015 RANKING</u>
			*revised
1.	Grapes, All	\$ 1,659,431,000	1
2.	Almonds, Including By-Products	1,296,023,000	2
3.	Citrus, Fresh & Processing	824,530,000	3
4.	Pistachios	769,258,000	7
5.	Milk, Market & Manufacturing	579,714,000	4
6.	Carrots, Fresh & Process	438,976,000	6
7.	Cattle & Calves	308,924,000	5
8.	Potatoes, Fresh & Processing	109,811,000	12
9.	Cherries	105,794,000	19
10.	Pomegranates, Fresh & Processing	102,660,000	9
11.	Alfalfa	91,931,000	8
12.	Silage & Forage	91,704,000	10
13.	Apiary	88,778,000	11
14.	Nursery, Fruit and Nut Trees & Vines	72,709,000	14
15.	Tomato, Fresh & Processing	68,089,000	13
16.	Garlic, Fresh & Processing	63,637,000	20
17.	Cotton, Including Processed Cottonseed	61,389,000	17
18.	Bell Peppers, Fresh & Processing	41,076,000	18
19.	Onion, Fresh & Processing	34,901,000	16
20.	Blueberries	32,785,000	25

Permanent Acreage - 2016

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON-BEARING</u>	<u>TOTAL</u>
Almonds	2016	217,000	7,760	224,760
	2015	210,000	8,970	218,970
Apples	2016	1,075	60	1,135
	2015	611	0	611
Apricots	2016	210	21	231
	2015	192	108	300
Blueberries	2016	865	494	1,359
	2015	669	657	1,326
Cherries	2016	5,528	889	6,417
	2015	5,292	1,415	6,707
Figs	2016	461	0	461
	2015	417	0	417
Grapefruit	2016	853	27	880
	2015	927	0	927
Grapes, All	2016	106,900	4,100	111,000
	2015	106,200	4,120	110,320
Raisin	2016	13,400	390	13,790
	2015	15,200	460	15,660
Table	2016	63,800	3,300	67,100
	2015	61,000	2,880	63,880
Wine	2016	29,700	410	30,110
	2015	30,000	780	30,780
Kiwi	2016	48	0	48
	2015	48	0	48
Lemons	2016	3,740	1	3,741
	2015	3,290	29	3,319
Nectarines	2016	410	23	433
	2015	263	4	267
Olives	2016	489	5	494
	2015	470	5	475

Permanent Acreage - 2016

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON-BEARING</u>	<u>TOTAL</u>
Oranges, All	2016	35,680	484	36,164
	2015	36,300	141	36,441
Navels	2016	30,300	484	30,784
	2015	31,000	54	31,054
Valencias	2016	5,380	0	5,380
	2015	5,300	87	5,387
Peaches	2016	911	1	912
	2015	960	3	963
Pears	2016	26	0	26
	2015	16	16	32
Pecans	2016	554	0	554
	2015	579	80	659
Persimmons	2016	319	55	374
	2015	265	92	357
Pistachios	2016	109,600	17,400	127,000
	2015	108,300	9,170	117,470
Pomegranates	2016	8,570	1,705	10,275
	2015	8,493	130	8,623
Prunes	2016	5	0	5
	2015	0	0	0
Tangerines & Tangelos	2016	21,900	3,580	25,480
	2015	24,700	0	24,700
Walnuts	2016	1,070	854	1,924
	2015	1,330	533	1,863
Miscellaneous	a/2016	163	53	216
	b/2015	29	17	46
Totals	2016	516,377	37,512	553,888
	2015	509,351	25,490	534,841

Note: Bearing acreage may not always be harvested.

a/ Includes: Avocado, Jujube, Lime, Plum, Plumcot and Quince.

b/ Includes: Avocado, Jujube, Kumquat, Lime, and Quince.

Fruit & Nut Crops - 2016

<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	2016	217,000	1.19	a/259,000	Ton	\$4,920.00	\$1,275,520,000
	2015	210,000	0.94	a/197,000	Ton	\$7,380.00	\$1,453,855,000
Almond	2016	---	---	282,000	Ton	73.00	20,503,000
By- Products	2015	---	---	300,000	Ton	113.00	33,934,000
Apples	2016	1,030	1.81	1,860	Ton	900.00	1,674,000
	2015	---	---	---	Ton	---	---
Apricots	2016	210	9.76	2,050	Ton	1,090.00	2,242,000
	2015	192	6.82	1,310	Ton	1,910.00	2,496,000
Blueberries	2016	865	5.13	4,440	Ton	7,380.00	32,785,000
	2015	669	4.11	2,750	Ton	6,310.00	17,354,000
Cherries	2016	4,690	5.93	27,800	Ton	3,810.00	105,794,000
	2015	5,290	1.70	8,990	Ton	4,710.00	42,368,000
Citrus, All	2016	62,173	16.30	1,013,600	Ton	---	824,530,000
	2015	65,217	17.08	1,113,900	Ton	---	927,694,000
Grapefruit	2016	853	13.01	11,100	Ton	853.00	9,465,000
	2015	927	16.18	15,000	Ton	794.00	11,913,000
Lemons	2016	3,740	14.73	55,100	Ton	1,330.00	73,162,000
	2015	3,290	16.69	54,900	Ton	1,280.00	70,455,000
Oranges,	2016	30,300	13.76	417,000	Ton	725.00	301,896,000
Navels	2015	31,000	12.61	391,000	Ton	776.00	303,162,000
Oranges,	2016	5,380	14.20	76,400	Ton	702.00	53,634,000
Valencia	2015	5,300	16.23	86,000	Ton	749.00	64,397,000
Tangerine &	2016	21,900	9.95	218,000	Ton	1,580.00	345,454,000
Tangelo	2015	24,700	11.13	275,000	Ton	1,600.00	441,289,000
Processing,	2016	---	---	236,000	Ton	173.00	40,919,000
All Citrus	2015	---	---	292,000	Ton	125.00	36,478,000
Grapes, All	2016	106,900	11.18	1,194,790	Ton	---	1,659,431,000
	2015	106,200	11.36	1,205,910	Ton	---	1,643,103,000
Raisin Variety	b/2016	13,400	15.70	210,390	Ton	---	68,171,000
	b/2015	15,200	15.84	240,810	Ton	---	118,859,000
Fresh Market	2016	---	---	10,900	Ton	1,490.00	16,287,000
	2015	---	---	25,800	Ton	1,700.00	43,786,000
Raisins	c/2016	---	---	41,800	Ton	1,100.00	46,012,000
	c/2015	---	---	43,000	Ton	1,600.00	68,763,000

Fruit & Nut Crops - 2016

<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	2016	---	---	5,190	Ton	568.00	2,950,000
	2015	---	---	6,110	Ton	536.00	3,272,000
Crushed	2016	---	---	15,400	Ton	\$ 190.00	\$ 2,922,000
	2015	---	---	20,100	Ton	\$ 151.00	\$ 3,038,000
Table Variety	2016	63,800	11.78	751,400	Ton	---	1,521,701,000
	2015	61,000	11.58	706,100	Ton	---	1,445,700,000
Fresh Market	2016	---	---	676,000	Ton	2,230.00	1,510,387,000
	2015	---	---	654,000	Ton	2,200.00	1,437,885,000
Crushed	2016	---	---	75,400	Ton	150.00	11,314,000
	2015	---	---	52,100	Ton	150.00	7,815,000
Wine Variety	2016	29,700	7.85	233,000	Ton	---	69,559,000
	2015	30,000	8.63	259,000	Ton	---	78,544,000
Crushed	2016	---	---	233,000	Ton	299.00	69,559,000
	2015	---	---	259,000	Ton	303.00	78,544,000
Pistachios	2016	110,000	1.62	d/178,200	Ton	4,320.00	769,258,000
	2015	108,300	0.36	d/39,300	Ton	6,240.00	245,174,000
Plums	2016	---	---	---	Acre	---	---
	2015	40	7.75	310	Acre	1,800.00	557,000
Tomatoes,	2016	---	---	---	Acre	---	---
Fresh	2015	760	15.92	12,100	Acre	752.00	9,094,000
Tomatoes,	2016	13,900	46.40	645,000	Acre	72.50	46,760,000
Processed	2015	14,500	45.72	663,000	Acre	80.00	53,012,000
Walnuts	2016	1,070	1.50	d/1,600	Ton	2,030.00	3,249,000
	2015	1,330	2.08	d/2,760	Ton	2,440.00	6,723,000
Miscellaneous	e/2016	12,400	---	181,000	Ton	---	159,244,000
	*f/2015	12,900	---	166,000	Ton	---	158,502,000
Totals	2016	530,238	---	3,791,340	Ton	---	\$ 4,900,990,000
	*2015	525,398	---	3,713,330	Ton	---	\$ 4,593,866,000

*revised

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: 2016-4.28 to 1 2015-4.39 to 1

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

e/ Includes: Apricot (Processed), Avocado, Blackberry, Cactus Pear, 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, Raspberry, Strawberry, Tomato (Fresh) and Quince.

f/ Includes: Apple (Fresh & Processed), Apricots, Avocado, Blackberry, Blueberry (Processed), Boysenberry, Cherry (Processed), Fig (Fresh & Dry), Jujube, Kiwi, Kumquat, Lime, Nectarine, Olive, Peach (Fresh & Processed), Pear, Pecan, Persimmon, Pomegranate (Fresh & Juice), Raspberry, Strawberry and Quince.

Seed Crops - 2016

<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	2016	30	40	Ton	a/\$ 244.00	\$ 9,750
	2015	228	250	Ton	a/\$ 288.00	\$ 72,000
Field	b/2016	50	50	Ton	---	29,700
	c/2015	130	110	Ton	---	54,000
Vegetable	d/2016	1,100	4,690	Ton	---	9,371,000
	e/2015	1,260	8,560	Ton	---	11,125,000
Totals	2016	f/1,150	4,780	Ton	---	9,410,450
	2015	f/1,390	8,920	Ton	---	\$ 11,251,000

Note: Organic commodities included.

a/ Includes a per acre approval.

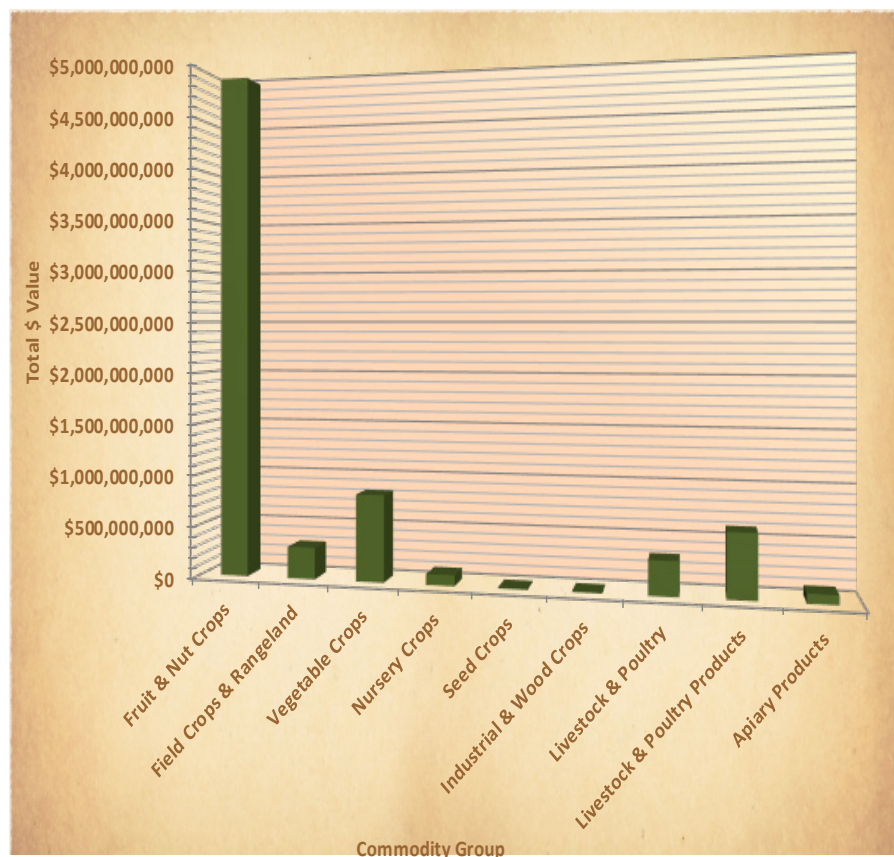
b/ Includes: Barley, Safflower and Wheat Seed. c/Includes: Wheat Seed.

d/ Includes: Blackeye, Broccoli, Cabbage, Carrot, Lettuce, Onion, Potato and Tomato Seed.

e/ Includes: Blackeye, Broccoli, Cabbage, Lettuce, Onion and Potato Seed.

f/ Does not include cotton acreage.

**Total Value Comparison
by Commodity Group**



Field Crops - 2016

<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/2016	4,540	1.87	8,490	Ton	\$ 182.00	\$ 1,545,000
	a/2015	2,110	1.49	3,140	Ton	\$278.00	\$873,000
Beans, Dry	2016	2,838	1.30	3,690	Ton	800.00	2,952,000
Edible	2015	1,185	1.49	1,770	Ton	990.00	1,760,000
Cotton Lint,	2016	3,480	b/1,840	12,800	Bale	d/0.67	4,285,000
Upland & Acala	2015	3,465	b/1,720	11,900	Bale	d/0.94	5,609,000
Cotton Lint,	2016	20,205	b/1,580	c/64,000	Bale	d/1.38	44,224,000
Pima	2015	17,380	b/1,490	c/51,800	Bale	d/1.31	33,924,000
Cottonseed	2016	---	---	28,500	Ton	452.00	12,880,000
Processing	2015	---	---	24,300	Ton	455.00	11,045,000
Hay, Alfalfa	2016	84,200	7.14	601,000	Ton	153.00	91,931,000
	2015	101,000	7.16	723,000	Ton	185.00	133,685,000
Hay, Grain	2016	6,400	3.95	25,300	Ton	140.00	3,545,000
	2015	13,900	3.07	42,700	Ton	160.00	6,840,000
Hay, Other	2016	5,840	3.20	18,700	Ton	127.00	2,374,000
	2015	6,770	3.40	23,000	Ton	143.00	3,291,000
Pasture,	2016	7,000	---	---	Acre	140.00	980,000
Irrigated	2015	7,000	---	---	Acre	140.00	980,000
Pasture, Other	2016	---	---	---	Acre	---	1,153,000
	2015	---	---	---	Acre	---	1,343,000
Pasture, Range	2016	1,444,000	---	---	Acre	15.00	21,664,000
	2015	1,449,000	---	---	Acre	13.00	18,838,000
Silage and	2016	102,000	19.37	1,976,000	Ton	46.40	91,704,000
Forage	2015	93,000	19.02	1,769,000	Ton	47.90	84,773,000
Wheat	2016	18,900	2.70	51,100	Ton	175.00	8,925,000
	2015	20,000	3.19	63,700	Ton	238.00	15,151,000
Miscellaneous	e/2016	15,900	---	129,000	Ton	---	16,550,000
	e/2015	20,200	---	146,000	Ton	---	22,506,000
Totals	2016	f/271,303	---	---	---	---	\$304,712,000
	2015	f/286,010	---	---	---	---	\$340,618,000

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, Safflower, and Triticale.

f/ Does not include Range acreage.

Vegetable Crops - 2016

<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,	2016	5,530	7.90	43,700	Ton	1,460.00	63,637,000
Fresh & Process	2015	4,060	8.10	32,900	Ton	1,200.00	39,569,000
Lettuce, Head	2016	588	19.56	11,500	Ton	470.00	5,459,000
	2015	340	27.06	9,200	Ton	606.00	5,577,000
Onions,	2016	4,190	23.75	99,500	Ton	200.00	19,897,000
Fresh	2015	4,080	23.73	96,800	Ton	354.00	34,266,000
Onions,	2016	3,430	23.06	79,100	Ton	190.00	15,004,000
Dehydrator	2015	3,330	21.53	71,700	Ton	234.00	16,777,000
Peppers, Bell	2016	2,050	20.68	42,400	Ton	970.00	41,076,000
Fresh	2015	1,730	21.68	37,500	Ton	1,140.00	42,853,000
Potatoes, All	2016	14,700	24.67	362,700	Ton	---	109,811,000
	2015	13,290	27.73	368,500	Ton	---	81,716,000
Potatoes, Spring	2016	12,380	26.27	325,200	Ton	---	96,999,000
	2015	11,710	27.52	322,300	Ton	---	74,201,000
Fresh Market	2016	---	---	141,000	Ton	457.00	64,430,000
	2015	---	---	145,000	Ton	298.00	43,227,000
Processing	2016	---	---	149,000	Ton	213.00	31,690,000
	2015	---	---	141,000	Ton	212.00	29,886,000
Culls	2016	---	---	35,200	Ton	25.00	879,000
	2015	---	---	36,300	Ton	30.00	1,088,000
Potatoes, Winter	2016	2,320	16.16	37,500	Ton	---	12,812,000
	2015	1,580	29.24	46,200	Ton	---	7,515,000
Fresh Market	2016	---	---	30,000	Ton	421.00	12,626,000
	2015	---	---	37,000	Ton	196.00	7,239,000
Culls	2016	---	---	7,500	Ton	24.80	186,000
	2015	---	---	9,200	Ton	30.00	276,000
Watermelons,	2016	1,790	34.30	61,400	Ton	327.00	20,104,000
Seeded/Seedless	2015	1,940	39.18	76,000	Ton	315.00	23,968,000
Miscellaneous	a/2016	49,300	---	1,203,000	Ton	---	561,682,000
	b/2015	37,400	---	975,000	Ton	---	409,439,000

Vegetable Crops - 2016

<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	2016	81,578	---	1,903,300	Ton	---	\$ 836,670,000
	2015	66,170	---	1,667,600	Ton	---	\$ 654,165,000

Note: Organic commodities included

a/ Includes: Artichoke, Arugula, Asparagus, Basil, 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 Greens, Dill, Eggplant, Fennel, Gai Lon, Gourd, Green Onions, Herbs, Kale, Kohlrabi, 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.

b/ Includes: Artichoke, Arugula, Asparagus, Basil, Beans Green & 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 Greens, Dill, Eggplant, Fennel, Gai Choy, Gai Lon, Gourd, Green Onions, Herbs, Kale, Kohlrabi, Leaf Lettuce, Melons (Other), Mustard, Napa Cabbage, Parsley (Fresh & Processed), Parsnip, 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 <i>NE Corner of Brimhall & Calloway, 9500 Brimhall Rd.</i>	<i>Year Round</i>	<i>S a t u r d a y</i>	<i>9am - 1:30pm</i>
Clinica Sierra Vista/Delano <i>Community Health Center, 1508 Garces Hwy.</i>	<i>May through November</i>	<i>Wednesday</i>	<i>3pm - 5pm</i>
Clinica Sierra Vista/Lamont <i>Community Health Center, 8787 Hall Rd</i>	<i>May through November</i>	<i>T u e s d a y</i>	<i>3pm - 5pm</i>
From the Farmhouse Shafter <i>James & Central, 320 Central Ave.</i>	<i>June through August</i>	<i>Wednesday</i>	<i>8:30 am - 12:00 pm</i>
Haggin Oaks Farmers' Market <i>Corner of Ming & Haggin Oaks, 8800 Ming Ave.</i>	<i>Year Round</i>	<i>S u n d a y</i>	<i>9am - 2pm</i>
Lakeshore Farmers' Market <i>Lakeshore Lodge, 7644 Wofford Heights Blvd.</i>	<i>May through November</i>	<i>S a t u r d a y</i>	<i>9am - 12pm</i>
Main Street Farmers' Market Tehachapi <i>Rail Road Park, Tehachapi Blvd.</i>	<i>June through August</i>	<i>T h u r s d a y</i>	<i>4pm - 7pm</i>
Wasco Farmers Market <i>Hwy 43 between 7th & 8th Streets</i>	<i>June through August</i>	<i>Wednesday</i>	<i>2pm - 6pm</i>
Lake Isabella Farmers Market <i>21 Alta Pinos Way, Bodfish, CA 93205</i>	<i>January through December</i>	<i>S a t u r d a y</i>	<i>10pm - 2pm</i>

Nursery Crops - 2016

<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	2016	---	180	Tree	---	\$ 9,890
	2015	---	130	Tree	---	\$ 6,690
Fruit and Nut	a/2016	820	24,071,000	Plant	---	72,709,000
Trees & Vines	a/2015	1,150	13,897,000	Plant	---	52,746,000
Herbaceous	2016	---	---	---	---	1,213,000
Plants	2015	---	---	---	---	1,855,000
Ornamental	a/2016	89	252,000	Plant	---	877,000
Trees & Shrubs	a/2015	99	512,000	Plant	---	1,153,000
Propagative	2016	---	---	---	---	2,962,000
Material	2015	---	---	---	---	1,750,000
Roses	2016	510	8,288,000	Plant	\$ 2.40	19,885,000
	2015	670	9,249,000	Plant	\$ 2.48	22,970,000
Turf	2016	269	---	Sq Ft	---	4,662,000
	2015	168	---	Sq Ft	---	2,784,000
Totals	2016	1,688	---	---	---	\$ 102,317,890
	2015	2,087	---	---	---	\$ 83,264,690

a/ Includes: Container grown plants.

Industrial & Wood Crops - 2016

<u>CROP</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Almond Hulls & Shells	2016	190,000	Ton	---	\$ 3,962,000
	2015	202,000	Ton	---	\$ 7,809,000
Biomass &	2016	215,000	Ton	---	4,518,000
Composting	2015	200,000	Ton	---	4,382,000
Timber	a/2016	1,265	Brd Ft	---	62,000
	a/2015	2,516	Brd Ft	---	163,000
Wood for Fuel	2016	1,291	Cord	---	503,000
	2015	1,612	Cord	b/\$ 300.00	484,000
Totals	2016	---	---	---	9,045,000
	2015	---	---	---	\$ 12,838,000

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

b/ Price includes U.S. Forest Service Permits for woodcutting.

Livestock & Poultry - 2016

<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	2016	344,000	---	Head	\$ 900.00	\$ 308,924,000
	2015	338,000	---	Head	\$ 1,050.00	\$ 355,789,000
Sheep & Lambs	2016	89,000	90,000	Cwt	180.00	16,200,000
	2015	93,000	90,000	Cwt	155.00	13,950,000
Hogs	2016	2,070	5,220	Cwt	49.60	259,000
	2015	1,968	4,860	Cwt	44.40	216,000
Ostriches	2016	---	---	---	---	---
	2015	125	---	---	---	250,000
Miscellaneous	a/2016	---	---	---	---	1,125,000
	b/2015	---	---	---	---	171,000
Totals	2016	---	---	---	---	326,508,000
	2015	---	---	---	---	\$ 370,376,000

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

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

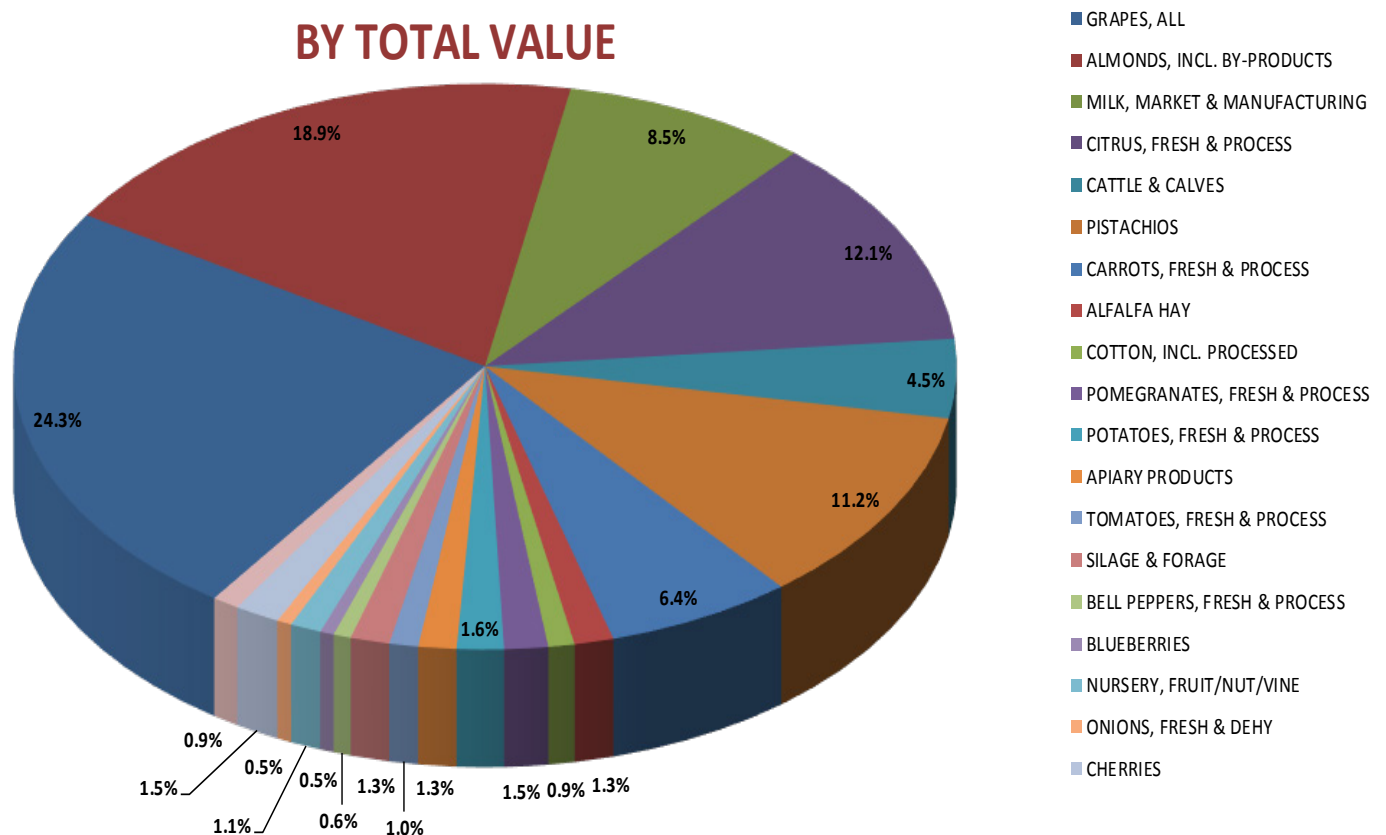
Livestock & Poultry Products - 2016

<u>PRODUCT</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Milk, Market	2016	38,256,000	Cwt	\$ 15.10	\$ 579,444,000
	2015	38,001,000	Cwt	\$ 15.60	\$ 594,427,000
Milk, Manufacturing	2016	16,800	Cwt	16.10	270,000
	2015	22,200	Cwt	17.50	389,000
Manure	2016	733,000	Ton	---	4,514,000
	2015	801,000	Ton	---	4,932,000
Wool	2016	450,000	Lb.	2.00	900,000
	2015	450,000	Lb.	1.49	671,000
Eggs & Egg Product	2016	---	---	---	24,385,000
	2015	---	---	---	52,498,000
Totals	2016	---	---	---	609,513,000
	2015	---	---	---	\$ 652,917,000

Apiary Products - 2016

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Honey	2016	3,362,000	Lb	\$ 2.06	\$ 6,926,000
	2015	2,940,000	Lb	\$ 2.17	\$ 6,379,000
Beeswax	2016	420,000	Lb	3.17	1,332,000
	2015	367,000	Lb	3.17	1,164,000
Pollination	2016	462,000	Colony	174.00	80,520,000
	2015	449,000	Colony	168.00	75,229,000
Other Apiary	2016	---	---	---	---
Products	2015	---	---	---	---
Totals	2016	---	---	---	\$ 88,778,000
	2015	---	---	---	\$ 82,772,000

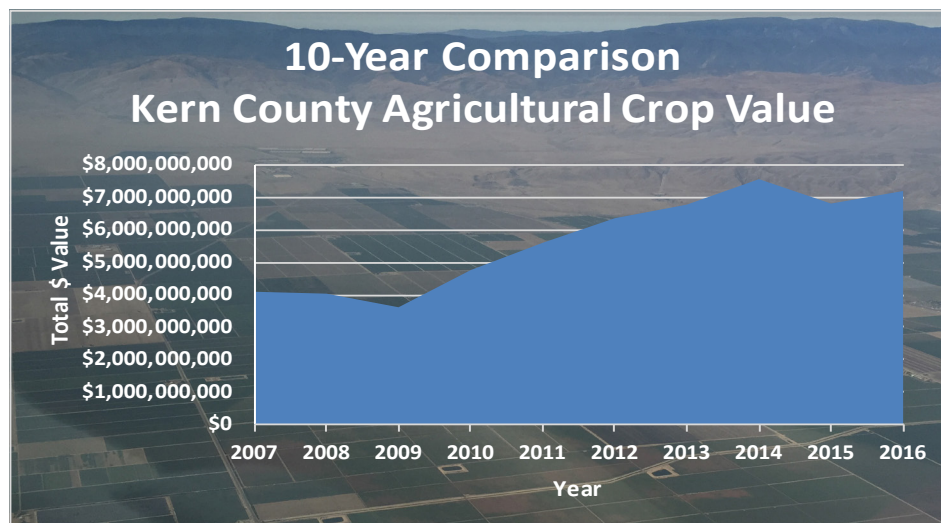
TOP 20 COMMODITIES BY TOTAL VALUE



Summary - 2016

<u>COMMODITY</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>RANGE</u>	<u>TOTAL VALUE</u>
Fruit & Nut Crops	2016	530,238	---	\$ 4,900,990,000
	*2015	525,398	---	\$ 4,593,866,000
Field Crops & Rangeland	2016	271,303	1,444,000	304,712,000
	2015	286,010	1,449,000	340,618,000
Vegetable Crops	2016	81,578	---	836,670,000
	2015	66,170	---	654,165,000
Nursery Crops	2016	1,688	---	102,317,890
	2015	2,087	---	83,264,690
Industrial & Wood Crops	2016	---	---	9,045,000
	2015	---	---	12,838,000
Seed Crops	2016	1,150	---	9,410,450
	2015	1,390	---	11,251,000
Livestock & Poultry	2016	---	---	326,508,000
	2015	---	---	370,376,000
Livestock & Poultry Products	2016	---	---	609,513,000
	2015	---	---	652,917,000
Apiary Products	2016	---	---	88,778,000
	2015	---	---	82,772,000
Totals	2016	885,957	1,444,000	\$ 7,187,944,340
	*2015	881,055	1,449,000	\$ 6,802,067,690
Total Value without Timber	2016			\$ 7,187,882,340
	*2015			\$ 6,801,904,690

*revised



Pest Prevention & Control - 2016

PEST EXCLUSION

<u>INSPECTION TYPE</u>	<u>PREMISES VISITED</u>	<u>SHIPMENTS INSPECTED</u>	<u>PESTS/NOR's</u>
TRACS (CA Overnight)	242	4,419	0
U. S. Post Office	42	21	0
UPS	43	300	0
Federal Express	261	5,284	0
Federal Express Ground	3	61	0
Air Freight	0	0	0
Gypsy Moth	17	20	0
Florida/Southern States	0	0	0
Hawaii	0	0	0
Truck	329	890	0
Specialty Market	50	67	0
Beehives	2	2	0
Other	135	10,222	0

EXPORT TRAPPING

<u>CROP</u>	<u>TRAPS DEPLOYED</u>	<u>COUNTRY</u>	<u>PEST</u>
Apples	20	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>)	502
Mediterranean Fruit Fly (<i>Ceratitidis capitata</i>)	497
Melon Fruit Fly (<i>Bactrocera curcurbitae</i>)	266
Oriental Fruit Fly (<i>Bactrocera dorsalis</i>)	502
McPhail Trap	
Mexican Fruit Fly (<i>Anastrepha ludens</i>)	262
Delta Trap	
Gypsy Moth (<i>Lymantria dispar</i>)	504
Japanese Beetle Trap (<i>Popillia japonica</i>)	434
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>)	9
Glassy-winged Sharpshooter (<i>Homalodisca coagulata</i>)	208
Champ Trap	399
Mexican Fruit Fly (<i>Anastrepha ludens</i>)	
Yellow Panel Trap	
Asian Citrus Psyllid (<i>Diaphorina citri</i>)	3,968
Delta Trap	
European Grapevine Moth (<i>Lobesia botrana</i>)	3,686

Direct Marketing, Organic Farming, Exports & Pests - 2016

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 - 63

Partial listing of registered crops: Carrots, Vetch, Potatoes, Table Grapes, Tomatoes, Oranges, Spinach, Lettuce, Broccoli, Beans (Snap), Kale, Beets, Blueberries, Chard, Cauliflower, Cabbage, Oats and Onions.

EXPORTS

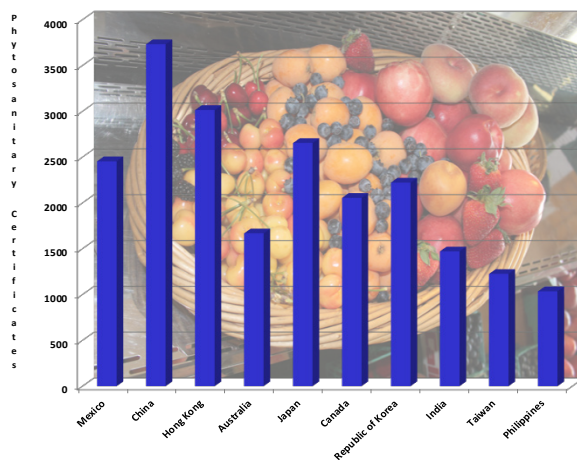
Phytosanitary Certification is one of the largest programs within the Department of Agriculture. Depending on the agricultural commodity and destination country, Phytosanitary Certification may be required, which attests to the freedom from insects and diseases, by an Accredited Certifying Official (ACO).

Phytosanitary Certificates Issued

30,230

TOP 10 DESTINATION COUNTRIES & PHYTOSANITARY CERTIFICATES ISSUED (listed greatest to least):
China (3,733), Hong Kong (3,015), Japan (2,655), Mexico (2,455), Republic of Korea (2,223), Canada (2,056), Australia (1,669), India (1,472), Taiwan (1,226), and Philippines (1,036)

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*

23,685

Acres

*Cooperative Pink Bollworm Project