



AgEcon SEARCH
RESEARCH IN AGRICULTURAL & APPLIED ECONOMICS

The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

Help ensure our sustainability.

Give to AgEcon Search

AgEcon Search
<http://ageconsearch.umn.edu>
aesearch@umn.edu

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Kern County

2015-2017

2015 Kern County Agricultural Crop Report



*Department of Agriculture and Measurement Standards
1001 South Mount Vernon Avenue
Bakersfield, California 93307
(661)868-6300*

www.kernag.com

Photo Credit: Darryl Suburu



DEPARTMENT OF AGRICULTURE AND MEASUREMENT STANDARDS

RUBEN J. ARROYO
Agricultural Commissioner
Sealer of Weights and Measures

1001 South Mount Vernon Avenue • Bakersfield, California 93307
Telephone 661-868-6300 • Fax 661-868-6301 • agcomm@co.kern.ca.us

September 12, 2016

THE HONORABLE BOARD OF SUPERVISORS
COUNTY OF KERN

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

AND

John Nilon
County Administrative Officer

KAREN ROSS, SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

It is my pleasure to submit the 2015 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 2015 gross value of all agricultural commodities produced in Kern County is \$6,878,823,690. This represents a decrease (9%) from the 2014 crop value (\$7,552,323,690).

The top five commodities for 2015 are Grapes, Almonds, Citrus, Milk and Cattle & Calves, which make up more than \$4.6 Billion (67%) of the Total Value; with the top twenty commodities making up more than 80% of the Total Value.

The 2015 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, and Glenn Fankhauser, Assistant Director. 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 "Ruben J. Arroyo", is written over a horizontal line.

Ruben J. Arroyo
Agricultural Commissioner/Sealer of Weights and Measures

Table of Contents - 2015

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

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@co.kern.ca.us

Top 20 Commodities - 2015

	<u>COMMODITY</u>	<u>VALUE</u>	<u>2014 RANKING</u>
1.	Grapes, All	\$ 1,643,103,000	1
2.	Almonds, Including By-Products	1,487,789,000	2
3.	Citrus, Fresh & Processing	927,694,000	4
4.	Milk, Market & Manufacturing	594,816,000	3
5.	Cattle & Calves	355,789,000	5
6.	Carrots, Fresh & Process	299,398,000	7
7.	Pistachios	245,174,000	6
8.	Pomegranates, Fresh & Process	190,935,000	10
9.	Hay, Alfalfa	133,685,000	8
10.	Silage & Forage	84,773,000	14
11.	Apiary Products	82,772,000	12
12.	Potatoes, Fresh & Processing	81,716,000	11
13.	Tomatoes, Fresh & Processing	62,106,000	13
14.	Nursery, Fruit and Nut Trees & Vines	52,746,000	17
15.	Eggs & Egg Product	52,498,000	16
16.	Onions, Fresh & Dehydrator	51,043,000	18
17.	Cotton, Including Processed Cottonseed	50,578,000	9
18.	Bell Peppers, Fresh & Processing	42,855,000	15
19.	Cherries	42,368,000	21
20.	Garlic, Fresh & Processing	39,569,000	20

Permanent Acreage - 2015

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON-BEARING</u>	<u>TOTAL</u>
Almonds	2015	210,000	8,970	218,970
	2014	199,000	9,250	208,250
Apples	2015	611	0	611
	2014	1,515	70	1,585
Apricots	2015	192	108	300
	2014	188	2	190
Blueberries	2015	669	657	1,326
	2014	608	404	1,012
Cherries	2015	5,292	1,415	6,707
	2014	5,619	1,539	7,158
Figs	2015	417	0	417
	2014	459	9	468
Grapefruit	2015	927	0	927
	2014	864	33	897
Grapes, All	2015	106,200	4,120	110,320
	2014	106,200	3,470	109,670
Raisin	2015	15,200	460	15,660
	2014	16,800	0	16,800
Table	2015	61,000	2,880	63,880
	2014	61,600	2,210	63,810
Wine	2015	30,000	780	30,780
	2014	27,800	1,260	29,060
Kiwi	2015	48	0	48
	2014	48	0	48
Lemons	2015	3,290	29	3,319
	2014	3,290	30	3,320
Nectarines	2015	263	4	267
	2014	298	3	301
Olives	2015	470	5	475
	2014	688	0	688

Permanent Acreage - 2015

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON-BEARING</u>	<u>TOTAL</u>
Oranges, All	2015	36,300	141	36,441
	2014	37,080	225	37,305
Navels	2015	31,000	54	31,054
	2014	31,400	139	31,539
Valencias	2015	5,300	87	5,387
	2014	5,680	86	5,766
Peaches	2015	960	3	963
	2014	835	3	838
Pears	2015	16	16	32
	2014	35	0	35
Pecans	2015	579	80	659
	2014	578	0	578
Persimmons	2015	265	92	357
	2014	88	205	293
Pistachios	2015	108,300	9,170	117,470
	2014	102,900	5,370	108,270
Pomegranates	2015	8,493	130	8,623
	2014	10,788	270	11,058
Prunes	2015	0	0	0
	2014	40	0	40
Tangerines & Tangelos	2015	24,700	0	24,700
	2014	23,000	111	23,111
Walnuts	2015	1,330	533	1,863
	2014	794	2	796
Miscellaneous	a/2015	29	17	46
	b/2014	119	0	119
Totals	2015	509,351	25,490	534,841
	2014	495,034	20,996	516,030

Note: Bearing acreage may not always be harvested.

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

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

Fruit & Nut Crops - 2015

<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	2015	210,000	0.94	a/197,000	Ton	\$ 7,380.00	\$ 1,453,855,000
	2014	199,000	1.01	a/201,000	Ton	\$ 7,120.00	\$ 1,432,099,000
Almond	2015	---	---	300,000	Ton	113.00	33,934,000
By-Products	2014	---	---	329,000	Ton	170.00	56,083,000
Apricots	2015	192	6.82	1,310	Ton	1,910	2,496,000
	2014	---	---	---	Ton	---	---
Blueberries	2015	669	4.11	2,750	Ton	6,310.00	17,354,000
	2014	608	7.37	4,480	Ton	5,300.00	23,757,000
Cherries	2015	5,290	1.70	8,990	Ton	4,710.00	42,368,000
	2014	5,180	0.83	4,300	Ton	6,840.00	29,419,000
Citrus, All	2015	65,217	17.08	1,113,900	Ton	---	927,694,000
	2014	64,234	14.79	949,800	Ton	---	892,874,000
Grapefruit	2015	927	16.18	15,000	Ton	794.00	11,913,000
	2014	864	15.39	13,300	Ton	706.00	9,388,000
Lemons	2015	3,290	16.69	54,900	Ton	1,280.00	70,455,000
	2014	3,290	10.49	34,500	Ton	1,270.00	43,873,000
Oranges, Navels	2015	31,000	12.61	391,000	Ton	776.00	303,162,000
	2014	31,400	10.25	322,000	Ton	942.00	303,378,000
Oranges, Valencia	2015	5,300	16.23	86,000	Ton	749.00	64,397,000
	2014	5,680	13.38	76,000	Ton	783.00	59,484,000
Tangerine & Tangelo	2015	24,700	11.13	275,000	Ton	1,600.00	441,289,000
	2014	23,000	10.48	241,000	Ton	1,800.00	441,821,000
Processing, All Citrus	2015	---	---	292,000	Ton	125.00	36,478,000
	2014	---	---	263,000	Ton	133.00	34,930,000
Grapes, All	2015	106,200	11.36	1,205,910	Ton	---	1,643,103,000
	2014	106,200	12.26	1,302,300	Ton	---	1,718,183,000
<u>Raisin</u> <u>Variety</u>	b/2015	15,200	15.84	240,810	Ton	---	118,859,000
	b/2014	16,800	14.16	237,900	Ton	---	128,559,000
Fresh Market	2015	---	---	25,800	Ton	1,700.00	43,786,000
	2014	---	---	64,400	Ton	1,030.00	66,251,000
Raisins	c/2015	---	---	43,000	Ton	1,600.00	68,763,000
	c/2014	---	---	29,900	Ton	1,770.00	53,047,000
Processing	2015	---	---	6,110	Ton	536.00	3,272,000
	2014	---	---	6,300	Ton	435.00	2,741,000

Fruit & Nut Crops - 2015

<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>
Crushed	2015	---	---	20,100	Ton	151.00	3,038,000
	2014	---	---	34,400	Ton	190.00	6,520,000
<u>Table Variety</u>	2015	61,000	11.58	706,100	Ton	---	\$ 1,445,700,000
	2014	61,600	12.85	791,400	Ton	---	\$ 1,503,844,000
Fresh Market	2015	---	---	654,000	Ton	\$ 2,200.00	1,437,885,000
	2014	---	---	721,000	Ton	\$ 2,070.00	1,490,053,000
Crushed	2015	---	---	52,100	Ton	150.00	7,815,000
	2014	---	---	70,400	Ton	196.00	13,791,000
<u>Wine Variety</u>	2015	30,000	8.63	259,000	Ton	---	78,544,000
	2014	27,800	9.82	273,000	Ton	---	85,780,000
Crushed	2015	---	---	259,000	Ton	303.00	78,544,000
	2014	---	---	273,000	Ton	314.00	85,780,000
Nectarines	2015	---	---	---	Ton	---	---
	2014	295	9.76	2,880	Ton	1,300.00	3,750,000
Pistachios	2015	108,300	0.36	d/39,300	Ton	6,240.00	245,174,000
	2014	102,900	0.78	d/79,900	Ton	5,020.00	401,049,000
Plums	2015	40	7.75	310	Ton	1,800.00	557,000
	2014	57	9.30	530	Ton	1,220.00	645,000
Tomatoes, Fresh	2015	760	15.92	12,100	Ton	752.00	9,094,000
	2014	840	19.17	16,100	Ton	965.00	15,534,000
Tomatoes, Processed	2015	14,500	45.72	663,000	Ton	80.00	53,012,000
	2014	14,000	52.86	740,000	Ton	89.50	66,234,000
Walnuts	2015	1,330	2.08	d/2,760	Ton	2,440.00	6,723,000
	2014	794	1.47	d/1,170	Ton	3,390.00	3,964,000
Miscellaneous	e/2015	12,900	---	158,000	Ton	---	235,258,000
	f/2014	16,200	---	95,000	Ton	---	125,622,000
Totals	2015	525,398	---	3,705,330	Ton	---	\$ 4,670,662,000
	2014	510,308	---	3,726,460	Ton	---	\$ 4,769,213,000

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: 2015 - 4.39 to 1 2014 - 4.44 to 1

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

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

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

Seed Crops - 2015

<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	2015	228	250	Ton	a/\$ 288.00	\$ 72,000
	2014	151	180	Ton	a/\$ 339.00	\$ 61,000
Field	b/2015	130	110	Ton	---	54,000
	c/2014	470	390	Ton	---	264,000
Vegetable	d/2015	1,260	8,560	Ton	---	11,125,000
	e/2014	1,030	8,600	Ton	---	6,266,000
Totals	2015	f/1,390	8,920	Ton	---	\$ 11,251,000
	2014	f/1,500	9,170	Ton	---	\$ 6,591,000

Note: Organic commodities included

a/ Includes a per acre approval.

b/ Includes: Wheat Seed.

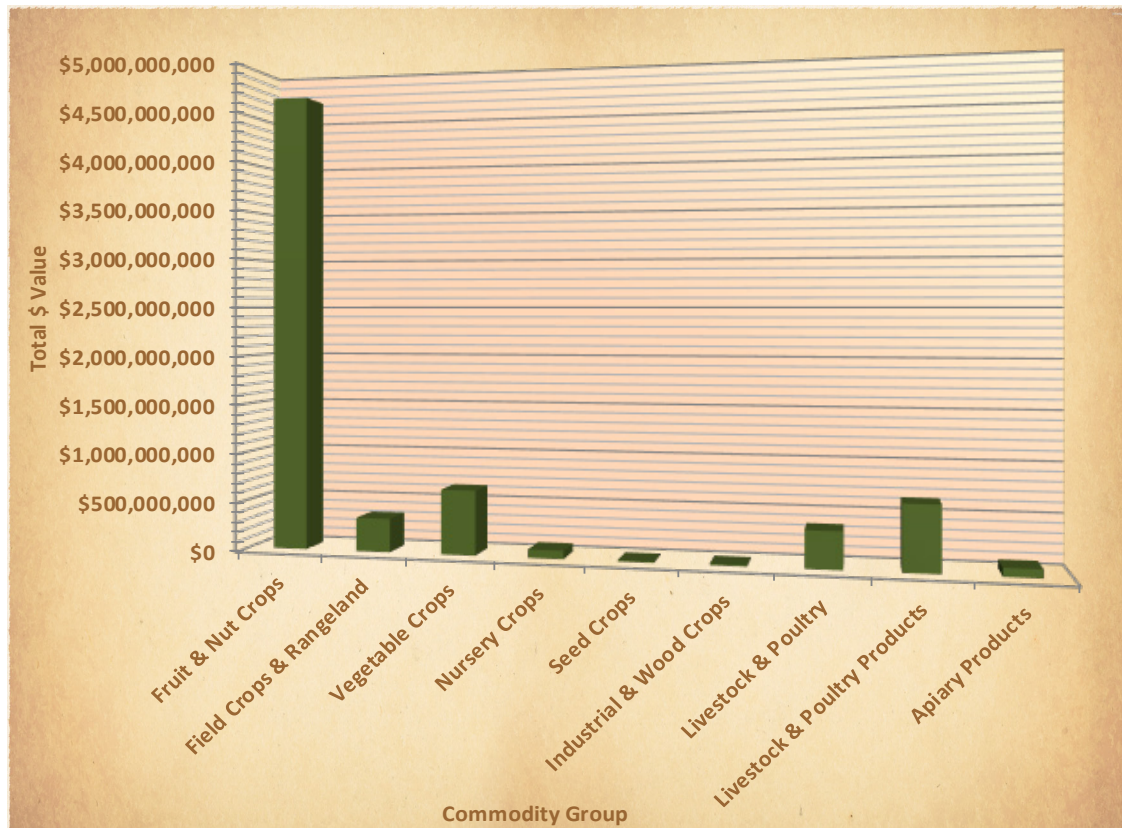
c/ Includes: Alfalfa and Wheat Seed.

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

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

f/ Does not include cotton acreage.

Total Value Comparison by Commodity Group



Field Crops - 2015

<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/2015	2,110	1.49	3,140	Ton	\$ 278.00	\$ 873,000
	a/2014	1,470	1.75	2,570	Ton	\$ 213.00	\$ 547,000
Beans, Dry Edible	2015	1,185	1.49	1,770	Ton	990.00	1,760,000
	2014	1,028	1.83	1,880	Ton	1,200.00	2,251,000
Cotton Lint, Upland & Acala	2015	3,465	b/1,720	11,900	Bale	d/0.94	5,609,000
	2014	4,175	b/1,880	15,700	Bale	d/0.90	7,053,000
Cotton Lint, Pima	2015	17,380	b/1,490	c/51,800	Bale	d/1.31	33,924,000
	2014	30,260	b/1,640	c/99,000	Bale	d/1.67	82,588,000
Cottonseed, Processing	2015	---	---	24,300	Ton	455.00	11,045,000
	2014	---	---	44,100	Ton	633.00	27,927,000
Hay, Alfalfa	2015	101,000	7.16	723,000	Ton	185.00	133,685,000
	2014	109,000	8.46	922,000	Ton	247.00	227,973,000
Hay, Grain	2015	13,900	3.07	42,700	Ton	160.00	6,840,000
	2014	9,210	5.19	47,800	Ton	212.00	10,157,000
Hay, Other	2015	6,770	3.40	23,000	Ton	143.00	3,291,000
	2014	7,400	3.41	25,200	Ton	192.00	4,831,000
Pasture, Irrigated	2015	7,000	---	---	Acre	140.00	980,000
	2014	7,000	---	---	Acre	140.00	980,000
Pasture, Other	2015	---	---	---	Acre	---	1,343,000
	2014	---	---	---	Acre	---	2,210,000
Pasture, Range	2015	1,449,000	---	---	Acre	13.00	18,838,000
	2014	1,450,000	---	---	Acre	15.00	21,744,000
Safflower	2015	---	---	---	Ton	---	---
	2014	---	---	---	Ton	---	---
Silage and Forage	2015	93,000	19.02	1,769,000	Ton	47.90	84,773,000
	2014	85,000	19.20	1,632,000	Ton	49.80	81,334,000
Wheat	2015	20,000	3.19	63,700	Ton	238.00	15,151,000
	2014	27,600	3.37	93,000	Ton	281.00	26,143,000
Miscellaneous	e/2015	20,200	---	146,000	Ton	---	22,506,000
	f/2014	16,700	---	64,640	Ton	---	11,564,000
Totals	2015	g/286,010	---	---	---	---	\$ 340,618,000
	2014	g/298,843	---	---	---	---	\$ 507,302,000

Note: Organic commodities included

a/ May contain dryland. b/ Pounds Lint per Acre. c/ 500 Pound Net Weight Bale. d/ Price per Pound.

e/ Includes: Field Corn (Grain), Rape, Rye, Sorghum-Milo, Safflower and Triticale.

f/ Includes: Field Corn (Grain), Rape, Rye, Sorghum-Milo, Safflower, Straw, Sugar Cane and Triticale.

g/ Does not include Range acreage.

Vegetable Crops - 2015

<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, Fresh	2015	2,680	8.25	22,100	Ton	1,420.00	31,361,000
	2014	2,610	8.24	21,500	Ton	1,350.00	29,047,000
Garlic, Processed	2015	1,380	7.82	10,800	Ton	760.00	8,208,000
	2014	1,000	8.06	8,060	Ton	670.00	5,400,000
Lettuce, Head	2015	340	27.06	9,200	Ton	606.00	5,577,000
	2014	320	16.66	5,330	Ton	694.00	3,701,000
Onions, Fresh	2015	4,080	23.73	96,800	Ton	354.00	34,266,000
	2014	4,220	22.01	92,900	Ton	246.00	22,860,000
Onions, Dehydrator	2015	3,330	21.53	71,700	Ton	234.00	16,777,000
	2014	3,650	20.55	75,000	Ton	268.00	20,106,000
Peppers, Bell Fresh	2015	1,730	21.68	37,500	Ton	1,140.00	42,853,000
	2014	2,200	21.68	47,700	Ton	1,620.00	77,493,000
Potatoes, All	2015	13,290	27.73	368,500	Ton	---	81,716,000
	2014	13,470	27.71	373,260	Ton	---	84,751,000
<u>Potatoes, Spring</u>	2015	11,710	27.52	322,300	Ton	---	74,201,000
	2014	11,710	28.48	333,500	Ton	---	68,521,000
Fresh Market	2015	---	---	145,000	Ton	298.00	43,227,000
	2014	---	---	150,000	Ton	256.00	38,367,000
Processing	2015	---	---	141,000	Ton	212.00	29,886,000
	2014	---	---	146,000	Ton	200.00	29,217,000
Culls	2015	---	---	36,300	Ton	30.00	1,088,000
	2014	---	---	37,500	Ton	25.00	937,000
<u>Potatoes, Winter</u>	2015	1,580	29.24	46,200	Ton	---	7,515,000
	2014	1,760	22.59	39,760	Ton	---	16,230,000
Fresh Market	2015	---	---	37,000	Ton	196.00	7,239,000
	2014	---	---	31,800	Ton	504.00	16,031,000
Culls	2015	---	---	9,200	Ton	30.00	276,000
	2014	---	---	7,960	Ton	25.00	199,000
Watermelons, Seeded/Seedless	2015	1,940	39.18	76,000	Ton	315.00	23,968,000
	2014	2,380	28.53	67,900	Ton	292.00	19,824,000
Miscellaneous	a/2015	37,400	---	975,000	Ton	---	409,439,000
	b/2014	36,600	---	1,089,000	Ton	---	385,675,000

Vegetable Crops - 2015

<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	2015	66,170	---	1,667,600	Ton	---	\$ 654,165,000
	2014	66,450	---	1,780,650	Ton	---	\$ 648,857,000

Note: Organic commodities included

a/ 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.

b/ Includes: Artichoke, Arugula, Asparagus, Basil, Beans Green & Succulent (Fresh & Processed), Bok Choy, Broccoli, Brussel Sprouts, 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, Kale, Kohlrabi, Leaf Lettuce, Leeks, Melons (Other), Mustard, Napa Cabbage, Okra, Parsley (Fresh & Processed), Parsnip, Peas (Fresh & Processed), Peppers (Chili & Processed), Pumpkin, Radishes, Red Beets, Rhubarb, Romaine Lettuce, Rosemary, Rutabaga, Sage, Spinach, Squash, Sweet Potatoes, Tomatillo, Turnips and Yams.

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 - 1pm</i>
Clinica Sierra Vista/Delano <i>Community Health Center, 1508 Garces Hwy.</i>	<i>May through N o v e m b e r</i>	<i>W e d n e s d a y</i>	<i>3pm - 5pm</i>
Clinica Sierra Vista/East Bakersfield <i>Community Health Center, 815 Dr. Martin Luther King Jr. Blvd.</i>	<i>May through N o v e m b e r</i>	<i>T h u r s d a y</i>	<i>10am - 12pm</i>
Clinica Sierra Vista/Lamont <i>Community Health Center, 8787 Hall Rd</i>	<i>May through N o v e m b e r</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 A u g u s t</i>	<i>W e d n e s d a y</i>	<i>8:30am - 1pm</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>Year Round</i>	<i>S a t u r d a y</i>	<i>9am - 1pm</i>
Main Street Farmers' Market Tehachapi <i>Rail Road Park, Tehachapi Blvd.</i>	<i>June through A u g u s t</i>	<i>T h u r s d a y</i>	<i>4pm - 7pm</i>
Oildale Farmers' Market <i>North High School, 300 Galaxy Rd.</i>	<i>June through S e p t e m b e r</i>	<i>T h u r s d a y</i>	<i>5pm - 8pm</i>
Emerald Cove Park <i>Patton & Hageman, 4303 Patton Way</i>	<i>January through D e c e m b e r</i>	<i>T u e s d a y</i>	<i>3pm - 6pm</i>
Sports Authority Bakersfield <i>Ming & New Stine, 4821 Ming Ave.</i>	<i>January through D e c e m b e r</i>	<i>S a t u r d a y</i>	<i>9am - 2pm</i>
Valley Farmers' Market Bakersfield <i>Golden State Hwy. & F St.</i>	<i>Year Round</i>	<i>S a t u r d a y</i>	<i>8am - 12pm</i>
Kernville Farmers' Market <i>Kernville, 101 Piute Drive</i>	<i>January through D e c e m b e r</i>	<i>S a t u r d a y</i>	<i>8am - 1pm</i>

Nursery Crops - 2015

<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	2015	---	130	Tree	---	\$ 6,690
	2014	---	130	Tree	---	\$ 6,690
Fruit and Nut Trees & Vines	a/2015	1,150	13,897,000	Plant	---	52,746,000
	a/2014	1,600	15,553,000	Plant	---	52,390,000
Herbaceous Plants	2015	---	---	---	---	1,855,000
	2014	---	---	---	---	1,044,000
Ornamental Trees & Shrubs	a/2015	99	512,000	Plant	---	1,153,000
	a/b/2014	176	295,000	Plant	---	2,512,000
Propagative Material	2015	---	---	---	---	1,750,000
	b/2014	---	---	---	---	2,376,000
Roses	2015	670	9,249,000	Plant	\$ 2.48	22,970,000
	2014	1,580	18,812,000	Plant	\$ 1.88	35,391,000
Turf	2015	168	---	Sq Ft	---	2,784,000
	2014	---	---	Sq Ft	---	---
Totals	2015	2,087	---	---	---	\$ 83,264,690
	2014	3,356	---	---	---	\$ 93,719,690

a/ Includes container grown plants.

b/ Includes turf, due to disclosure rules.

Industrial & Wood Crops - 2015

<u>CROP</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Almond Shells	2015	202,000	Ton	---	\$ 7,809,000
	2014	214,000	Ton	---	\$ 12,954,000
Biomass & Composting	2015	200,000	Ton	---	4,382,000
	2014	227,000	Ton	---	4,977,000
Timber	a/2015	2,516	Brd Ft	---	163,000
	a/2014	1,432	Brd Ft	---	167,000
Wood for Fuel	2015	1,612	Cord	b/\$ 300.00	484,000
	2014	1,914	Cord	b/\$ 209.00	400,000
Totals	2015	---	---	---	\$ 12,838,000
	2014	---	---	---	\$ 18,498,000

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 - 2015

<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	2015	338,000	---	Head	\$ 1,050.00	\$ 355,789,000
	2014	329,000	---	Head	\$ 1,300.00	\$ 428,854,000
Sheep & Lambs	2015	93,000	90,000	Cwt	155.00	13,950,000
	2014	91,000	90,000	Cwt	150.00	13,500,000
Hogs	2015	1,968	4,860	Cwt	44.40	216,000
	2014	1,885	4,650	Cwt	76.60	356,000
Ostriches	2015	125	---	---	---	250,000
	2014	175	---	---	---	313,000
Miscellaneous	a/2015	---	---	---	---	171,000
	a/2014	---	---	---	---	627,000
Totals	2015	---	---	---	---	\$ 370,376,000
	2014	---	---	---	---	\$ 443,650,000

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

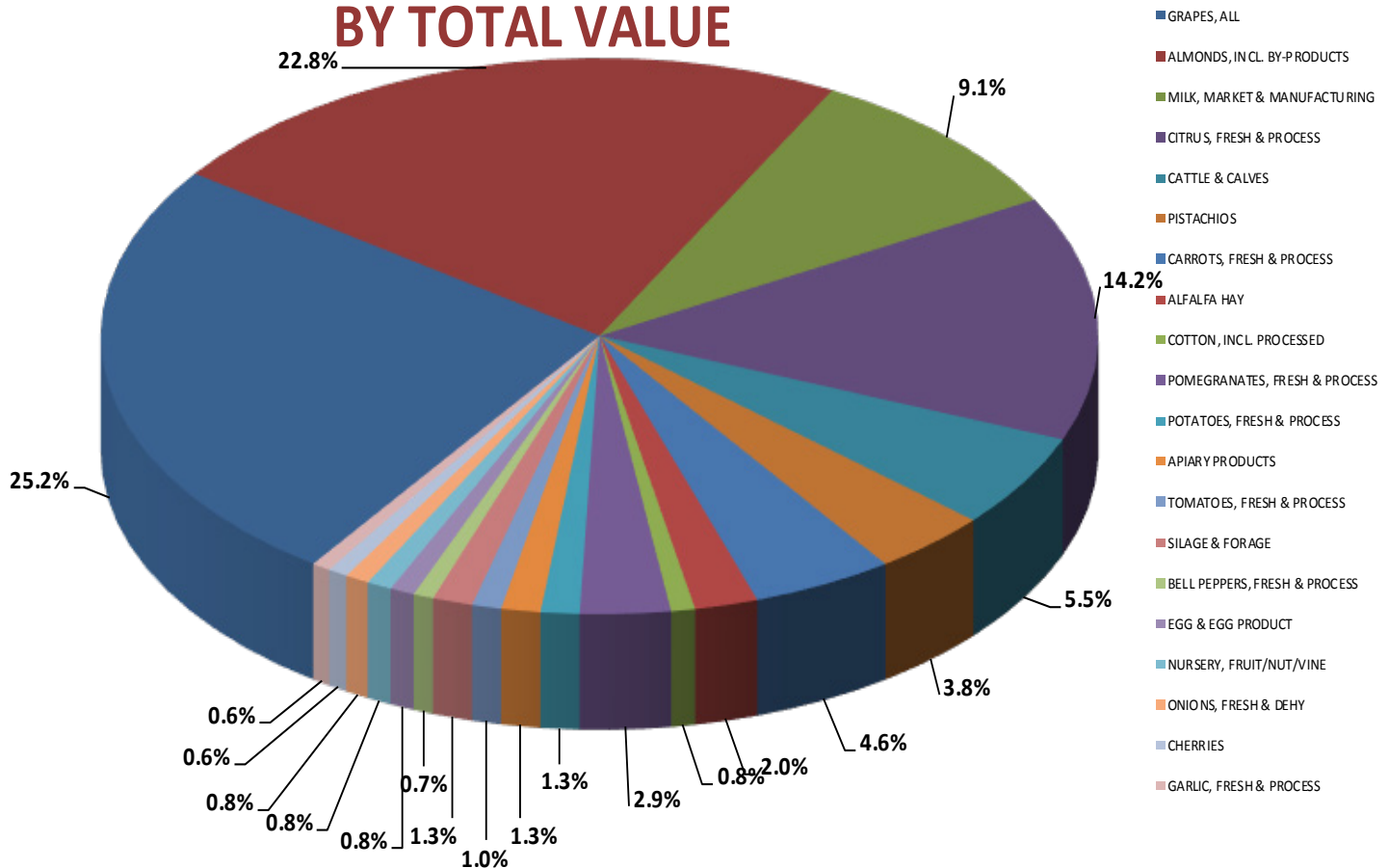
Livestock & Poultry Products - 2015

<u>PRODUCT</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Milk, Market	2015	38,001,000	Cwt	\$ 15.60	\$ 594,427,000
	2014	40,937,000	Cwt	\$ 22.30	\$ 914,538,000
Milk, Manufacturing	2015	22,200	Cwt	17.50	389,000
	2014	24,400	Cwt	24.00	586,000
Manure	2015	801,000	Ton	---	4,932,000
	2014	745,000	Ton	---	1,930,000
Wool	2015	450,000	Lb.	1.49	671,000
	2014	675,000	Lb.	1.50	1,013,000
Eggs & Egg Product	2015	---	---	---	52,498,000
	2014	---	---	---	62,689,000
Totals	2015	---	---	---	\$ 652,917,000
	2014	---	---	---	\$ 980,756,000

Apiary Products - 2015

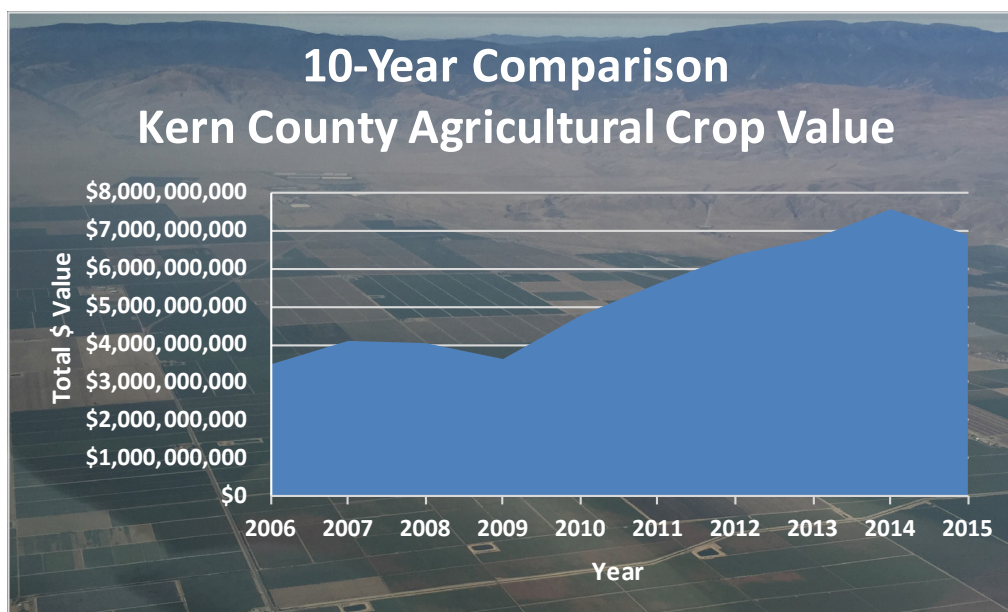
COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Honey	2015	2,940,000	Lb	\$ 2.17	\$ 6,379,000
	2014	3,765,000	Lb	\$ 2.03	\$ 7,643,000
Beeswax	2015	367,000	Lb	3.17	1,164,000
	2014	471,000	Lb	3.50	1,647,000
Pollination	2015	449,000	Colony	168.00	75,229,000
	2014	431,000	Colony	173.00	74,447,000
Other Apiary Products	2015	---	---	---	---
	2014	---	---	---	---
Totals	2015	---	---	---	\$ 82,772,000
	2014	---	---	---	\$ 83,737,000

TOP 20 COMMODITIES BY TOTAL VALUE



Summary - 2015

<u>COMMODITY</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>RANGE</u>	<u>TOTAL VALUE</u>
Fruit & Nut Crops	2015	525,398	---	\$ 4,670,622,000
	2014	510,308	---	\$ 4,769,213,000
Field Crops & Rangeland	2015	286,010	1,449,000	340,618,000
	2014	298,843	1,450,000	507,302,000
Vegetable Crops	2015	66,170	---	654,165,000
	2014	66,450	---	648,857,000
Nursery Crops	2015	2,087	---	83,264,690
	2014	3,356	---	93,719,690
Industrial & Wood Crops	2015	---	---	12,838,000
	2014	---	---	18,498,000
Seed Crops	2015	1,390	---	11,251,000
	2014	1,500	---	6,591,000
Livestock & Poultry	2015	---	---	370,376,000
	2014	---	---	443,650,000
Livestock & Poultry Products	2015	---	---	652,917,000
	2014	---	---	980,756,000
Apiary Products	2015	---	---	82,772,000
	2014	---	---	83,737,000
Totals	2015	881,055	1,449,000	\$ 6,878,823,690
	2014	880,457	1,450,000	\$ 7,552,323,690
Total Value without Timber	2015			\$ 6,878,660,690
	2014			\$ 7,552,156,690



Pest Prevention & Control - 2015

PEST EXCLUSION

<u>INSPECTION TYPE</u>	<u>PREMISES VISITED</u>	<u>SHIPMENTS INSPECTED</u>	<u>PESTS/NOR's</u>
TRACS (CA Overnight)	273	2881	33
U. S. Post Office	41	492	0
UPS	53	476	0
Federal Express	397	5,309	0
Federal Express Ground	6	175	0
Air Freight	1	1	0
Gypsy Moth	7	7	0
Florida/Southern States	2	4	0
Hawaii	4	4	0
Truck	315	347	1
Specialty Market	9	4	0
Beehives	64	81	0
Other	338	7075	1

EXPORT TRAPPING

<u>CROP</u>	<u>TRAPS DEPLOYED</u>	<u>COUNTRY</u>	<u>PEST</u>
Apples	40	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>)	500
Mediterranean Fruit Fly (<i>Ceratitidis capitata</i>)	495
Melon Fruit Fly (<i>Bactrocera curcurbitae</i>)	262
Oriental Fruit Fly (<i>Bactrocera dorsalis</i>)	500
McPhail Trap	
Mexican Fruit Fly (<i>Anastrepha ludens</i>)	265
Delta Trap	
Gypsy Moth (<i>Lymantria dispar</i>)	508
Japanese Beetle Trap (<i>Popillia japonica</i>)	425
Trogotrap 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>)	11
Glassy-winged Sharpshooter (<i>Homalodisca coagulata</i>)	241
Champ Trap	398
Mexican Fruit Fly (<i>Anastrepha ludens</i>)	
Yellow Panel Trap	
Asian Citrus Psyllid (<i>Diaphorina citri</i>)	2,795
Delta Trap	
European Grapevine Moth (<i>Lobesia botrana</i>)	3,442

Direct Marketing, Organic Farming, Exports & Pests - 2015

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

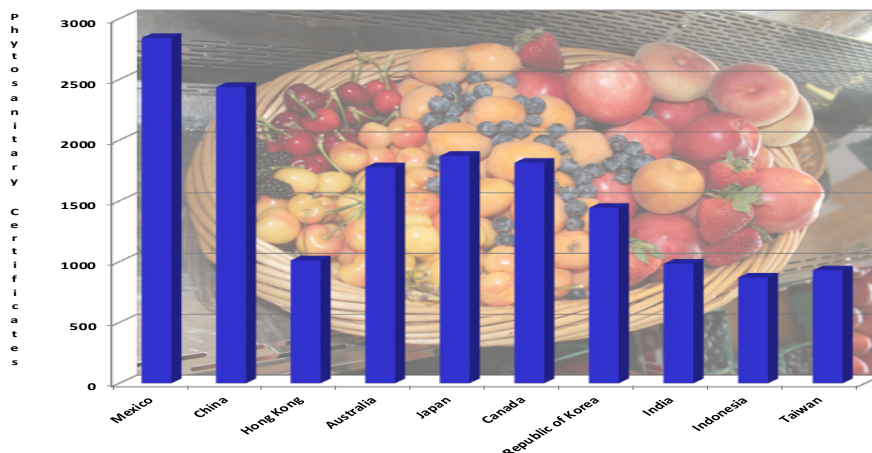
Phytosanitary Certification is one of the largest programs within the Department of Agriculture. Depending on the agricultural commodity and destination country, Phytosanitary Certification may be required, which attests to the freedom from insects and diseases, by an Accredited Certifying Official (ACO).

Phytosanitary Certificates Issued

23,639

TOP 10 DESTINATION COUNTRIES & PHYTOSANITARY CERTIFICATES ISSUED (listed greatest to least): Mexico (2,840), China (2,437), Japan (1,871), Canada (1,815), Australia (1,778), Republic of Korea (1,444), Hong Kong (1,011), India (983), Taiwan (929), and Indonesia (870)

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*

20,845

Acres

*Cooperative Pink Bollworm Project

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

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

September 12, 2017

THE HONORABLE BOARD OF SUPERVISORS
COUNTY OF KERN

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

AND

Ryan Alsop
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", written over a horizontal line.

Glenn Fankhauser
Agricultural Commissioner/Sealer of Weights and Measures

Table of Contents - 2016

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

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 - 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.

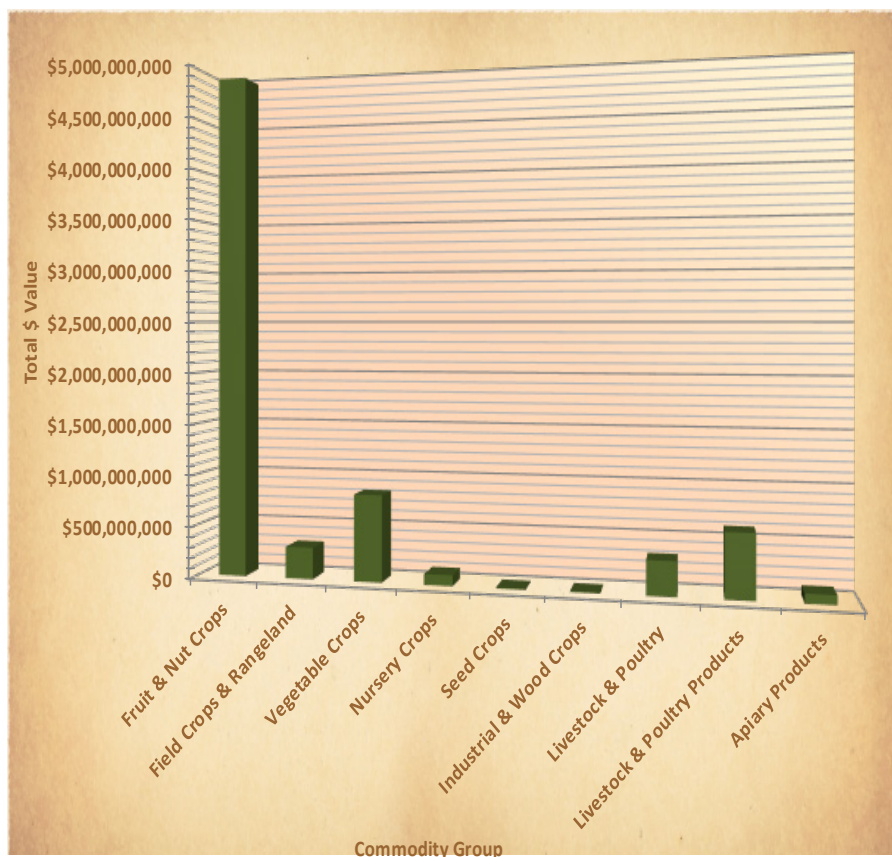
b/ Includes: Barley, Safflower and Wheat Seed. c/Includes: Wheat Seed.

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 N o v e m b e r</i>	<i>W e d n e s d a y</i>	<i>3pm - 5pm</i>
Clinica Sierra Vista/Lamont <i>Community Health Center, 8787 Hall Rd</i>	<i>May through N o v e m b e r</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 A u g u s t</i>	<i>W e d n e s d a y</i>	<i>8:30 a m - 12:00 p m</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 N o v e m b e r</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 A u g u s t</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 A u g u s t</i>	<i>W e d n e s d a y</i>	<i>2pm - 6pm</i>
Lake Isabella Farmers Market <i>21 Alta Pinos Way, Bodfish, CA 93205</i>	<i>January through D e c e m b e r</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.

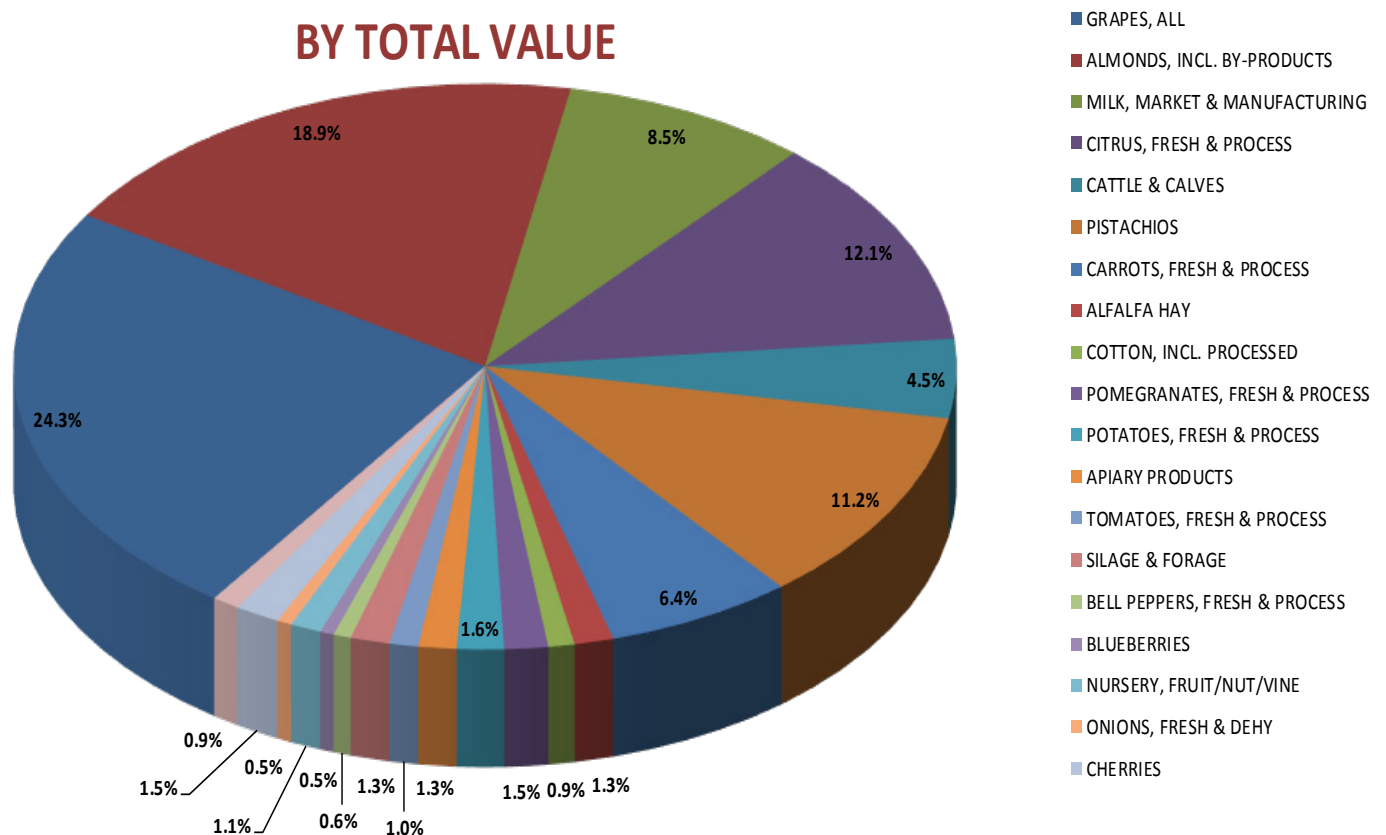
Livestock & Poultry Products - 2016

<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

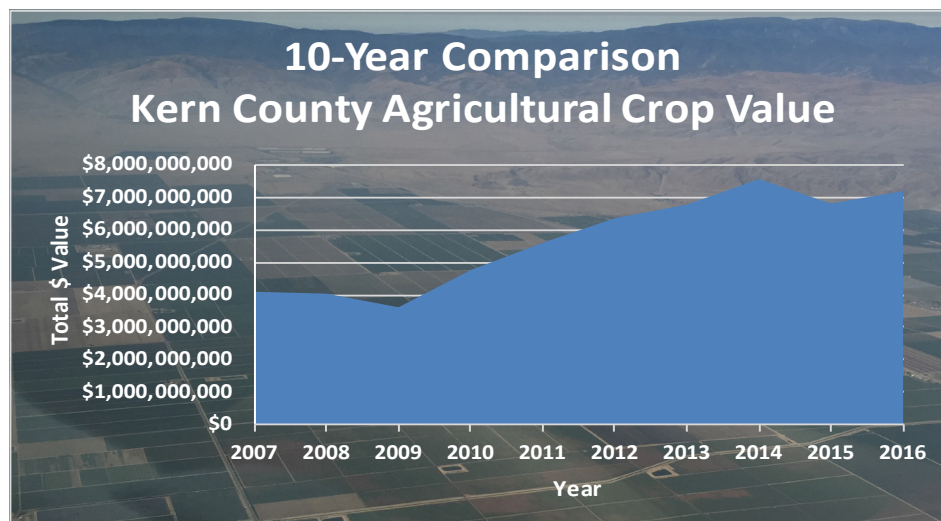
TOP 20 COMMODITIES BY TOTAL VALUE



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

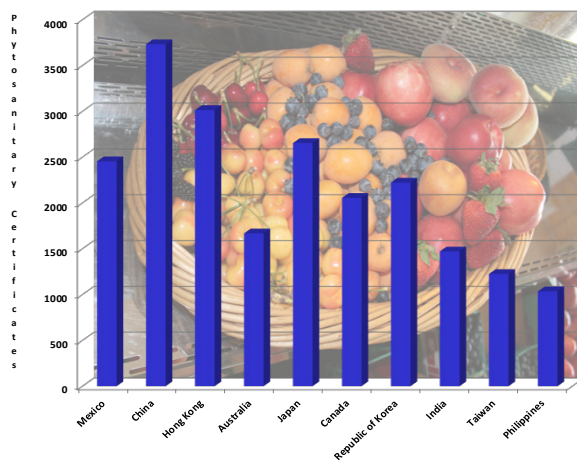
Phytosanitary Certification is one of the largest programs within the Department of Agriculture. Depending on the agricultural commodity and destination country, Phytosanitary Certification may be required, which attests to the freedom from insects and diseases, by an Accredited Certifying Official (ACO).

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

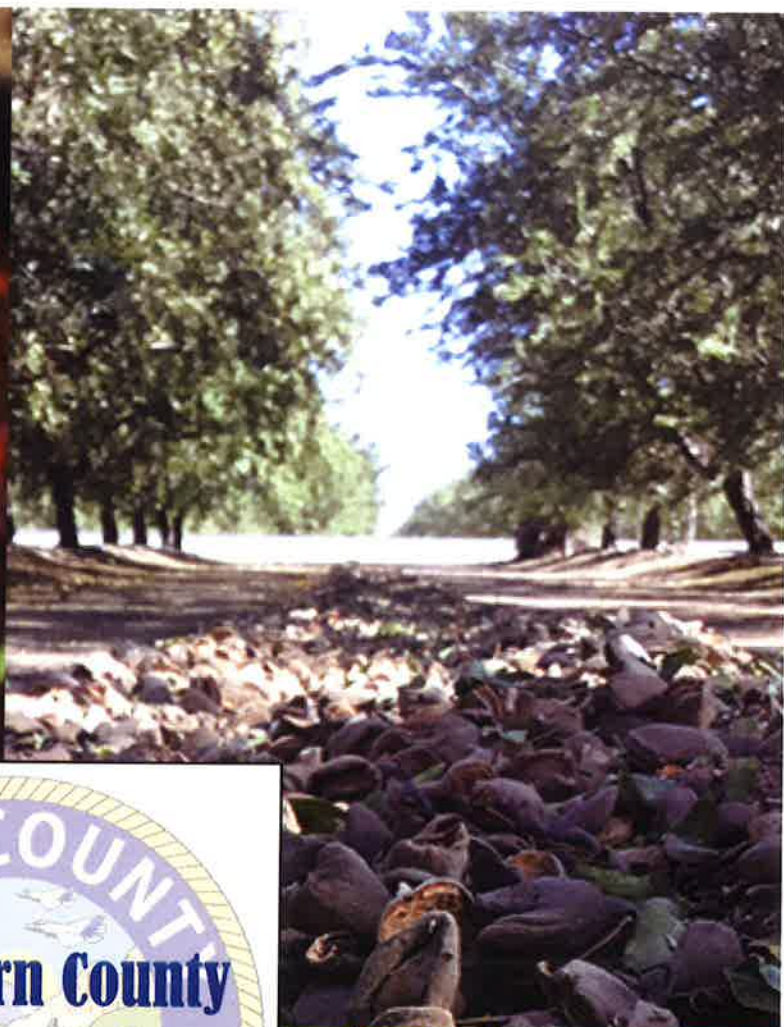
Moths

Plowdown*

23,685

Acres

*Cooperative Pink Bollworm Project





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 18, 2018

THE HONORABLE BOARD OF SUPERVISORS
COUNTY OF KERN

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

AND

Ryan Alsop
County Administrative Officer

KAREN ROSS, SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

It is my pleasure to submit the 2017 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 2017 gross value of all agricultural commodities produced in Kern County is \$7,254,168,000. This represents a one percent (1%) increase from the 2016 crop value (\$7,187,944,340).

The top five commodities for 2017 are Grapes, Almonds, Citrus, Milk and Pistachios which make up more than \$4.5 Billion (63%) of the Total Value; with the top twenty commodities making up more than 75% of the Total Value.

The 2017 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", written over a horizontal line.

Glenn Fankhauser
Agricultural Commissioner/Sealer of Weights and Measures

Table of Contents - 2017

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

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 - 2017

	<u>COMMODITY</u>	<u>VALUE</u>	<u>2016 RANKING</u>
1.	Grapes, All	\$ 1,747,529,000	1
2.	Almonds, Including By-Products	1,261,738,000	2
3.	Citrus, Fresh & Processing	942,926,000	3
4.	Milk, Market & Manufacturing	618,845,000	5
5.	Pistachios	555,524,000	4
6.	Carrots, Fresh & Processing	424,432,000	6
7.	Cattle & Calves	318,019,000	7
8.	Potatoes, Fresh & Processing	112,853,000	8
9.	Alfalfa	101,200,000	11
10.	Apiary	93,493,000	13
11.	Cherries	88,430,000	9
12.	Nursery, Fruit and Nut Trees & Vines	83,074,000	14
13.	Cotton, Including Processed Cottonseed	74,394,000	17
14.	Silage & Forage	70,505,000	12
15.	Tomato, Fresh & Processing	67,433,000	15
16.	Garlic, Fresh & Processing	63,051,000	16
17.	Onion, Fresh & Processing	60,902,000	19
18.	Pomegranates, Fresh & Processing	60,633,000	10
19.	Eggs & Egg Products	41,409,000	21
20.	Watermelon	40,587,000	23

Permanent Acreage - 2017

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON-BEARING</u>	<u>TOTAL</u>
Almonds	2017	214,000	11,520	225,520
	2016	217,000	7,760	224,760
Apples	2017	540	87	627
	2016	1,075	60	1,135
Apricots	2017	156	11	167
	2016	210	21	231
Blueberries	2017	1,090	665	1,755
	2016	865	494	1,359
Cherries	2017	4,657	664	5,321
	2016	5,528	889	6,417
Figs	2017	425	0	425
	2016	461	0	461
Grapefruit	2017	770	20	790
	2016	853	27	880
Grapes, All	2017	115,600	2,470	118,070
	2016	106,900	4,100	111,000
Raisin	2017	13,700	10	13,710
	2016	13,400	390	13,790
Table	2017	69,700	2,370	72,070
	2016	63,800	3,300	67,100
Wine	2017	32,200	90	32,290
	2016	29,700	410	30,110
Kiwi	2017	128	0	128
	2016	48	0	48
Lemons	2017	4,010	10	4,020
	2016	3,740	1	3,741
Nectarines	2017	332	13	345
	2016	410	23	433
Olives	2017	271	130	401
	2016	489	5	494

Permanent Acreage - 2017

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON-BEARING</u>	<u>TOTAL</u>
Oranges, All	2017	35,780	547	36,327
	2016	35,680	484	36,164
Navels	2017	30,400	547	30,947
	2016	30,300	484	30,784
Valencias	2017	5,380	0	5,380
	2016	5,380	0	5,380
Peaches	2017	908	48	956
	2016	911	1	912
Pears	2017	30	0	30
	2016	26	0	26
Pecans	2017	551	0	551
	2016	554	0	554
Persimmons	2017	321	63	384
	2016	319	55	374
Pistachios	2017	121,800	18,200	140,000
	2016	109,600	17,400	127,000
Pomegranates	2017	8,508	10	8,518
	2016	8,570	1,705	10,275
Prunes	2017	5	0	5
	2016	5	0	5
Tangerines & Tangelos	2017	23,900	1,780	25,680
	2016	21,900	3,580	25,480
Walnuts	2017	610	1,265	1,875
	2016	1,070	854	1,924
Miscellaneous	a/2017	312	5	317
	b/2016	163	53	216
Totals	2017	534,704	37,508	572,212
	2016	516,377	37,512	553,888

Note: Bearing acreage may not always be harvested.

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

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

Fruit & Nut Crops - 2017

<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	2017	214,000	1.23	a/264,000	Ton	\$4,680.00	\$1,234,724,000
	2016	217,000	1.19	a/259,000	Ton	\$4,920.00	\$1,275,520,000
Almond	2017	---	---	341,000	Ton	79.00	27,014,000
By- Products	2016	---	---	282,000	Ton	73.00	20,503,000
Apples	2017	---	---	---	Ton	---	---
	2016	1,030	1.81	1,860	Ton	900.00	1,674,000
Apricots	2017	---	---	---	Ton	---	---
	2016	210	9.76	2,050	Ton	1,090.00	2,242,000
Blueberries	2017	1,090	4.32	4,710	Ton	6,560.00	30,885,000
	2016	865	5.13	4,440	Ton	7,380.00	32,785,000
Cherries	2017	4,630	4.21	19,500	Ton	4,530.00	88,430,000
	2016	4,690	5.93	27,800	Ton	3,810.00	105,794,000
Citrus, All	2017	64,460	16.04	1,033,800	Ton	---	942,926,000
	2016	62,173	16.30	1,013,600	Ton	---	824,530,000
Grapefruit	2017	770	13.51	10,400	Ton	913.00	9,498,000
	2016	853	13.01	11,100	Ton	853.00	9,465,000
Lemons	2017	4,010	13.02	52,200	Ton	1,310.00	68,334,000
	2016	3,740	14.73	55,100	Ton	1,330.00	73,162,000
Oranges,	2017	30,400	13.75	418,000	Ton	836.00	349,871,000
Navels	2016	30,300	13.76	417,000	Ton	725.00	301,896,000
Oranges,	2017	5,380	17.51	94,200	Ton	918.00	86,440,000
Valencia	2016	5,380	14.20	76,400	Ton	702.00	53,634,000
Tangerine &	2017	23,900	9.62	230,000	Ton	1,710.00	394,311,000
Tangelo	2016	21,900	9.95	218,000	Ton	1,580.00	345,454,000
Processing,	2017	---	---	229,000	Ton	151.00	34,472,000
All Citrus	2016	---	---	236,000	Ton	173.00	40,919,000
Grapes, All	2017	115,600	11.04	1,276,120	Ton	---	1,747,529,000
	2016	106,900	11.18	1,194,790	Ton	---	1,659,431,000
Raisin Variety	b/2017	13,700	16.96	232,420	Ton	---	112,110,000
	b/2016	13,400	15.70	210,390	Ton	---	68,171,000
Fresh Market	2017	---	---	16,100	Ton	1,670.00	26,835,000
	2016	---	---	10,900	Ton	1,490.00	16,287,000
Raisins	c/2017	---	---	44,900	Ton	1,800.00	80,893,000
	c/2016	---	---	41,800	Ton	1,100.00	46,012,000

Fruit & Nut Crops - 2017

<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	2017	---	---	4,820	Ton	\$ 353.00	1,700,000
	2016	---	---	5,190	Ton	568.00	2,950,000
Crushed	2017	---	---	10,800	Ton	248.00	2,682,000
	2016	---	---	15,400	Ton	190.00	2,922,000
Table Variety	2017	69,700	11.00	766,700	Ton	---	1,549,210,000
	2016	63,800	11.78	751,400	Ton	---	1,521,701,000
Fresh Market	2017	---	---	677,000	Ton	2,270.00	1,533,690,000
	2016	---	---	676,000	Ton	2,230.00	1,510,387,000
Crushed	2017	---	---	89,700	Ton	173.00	15,520,000
	2016	---	---	75,400	Ton	150.00	11,314,000
Wine Variety	2017	32,200	8.60	277,000	Ton	---	86,209,000
	2016	29,700	7.85	233,000	Ton	---	69,559,000
Crushed	2017	---	---	277,000	Ton	311.00	86,209,000
	2016	---	---	233,000	Ton	299.00	69,559,000
Pistachios	2017	122,000	1.17	d/143,100	Ton	3,880.00	555,524,000
	2016	110,000	1.62	d/178,200	Ton	4,320.00	769,258,000
Plums	2017	---	---	---	Acre	---	---
	2016	---	---	---	Acre	---	---
Tomatoes,	2017	---	---	---	Acre	---	---
Fresh	2016	---	---	---	Acre	---	---
Tomatoes,	2017	8,600	51.28	441,000	Acre	70.60	31,121,000
Processed	2016	13,900	46.40	645,000	Acre	72.50	46,760,000
Walnuts	2017	610	1.90	d/1,160	Ton	2,520.00	2,924,000
	2016	1,070	1.50	d/1,600	Ton	2,030.00	3,249,000
Miscellaneous	e/2017	15,300	---	201,000	Ton	---	141,087,000
	f/2016	12,400	---	181,000	Ton	---	159,244,000
Totals	2017	546,290	---	3,725,390	Ton	---	\$ 4,802,164,000
	2016	530,238	---	3,791,340	Ton	---	\$ 4,900,990,000

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: 2017-4.47 to 1 2016-4.28 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), Cactus Pear, Cherry (Processed), Chestnut, Fig (Fresh & Dry), Jujube, Nectarines, Olive (Fresh & Processed), Peach (Fresh & Processed), Pear, Pecan, Persimmon, Plum, Plumcot, Pomegranate (Fresh & Juice), Prune, Raspberry, Strawberry, Tomato (Fresh) and Quince.

f/ Includes: Apricots (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.

Seed Crops - 2017

<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	2017	---	---	Ton	---	\$ ---
	2016	30	40	Ton	a/\$ 244.00	\$ 9,750
Field	2017	---	---	Ton	---	---
	b/2016	50	50	Ton	---	29,700
Vegetable	c/2017	1,200	460	Ton	---	14,932,000
	d/2016	1,100	4,690	Ton	---	9,371,000
Totals	2017	e/1,200	460	Ton	---	14,932,000
	2016	e/1,150	4,780	Ton	---	\$ 9,410,450

Note: Organic commodities included.

a/ Includes a per acre approval.

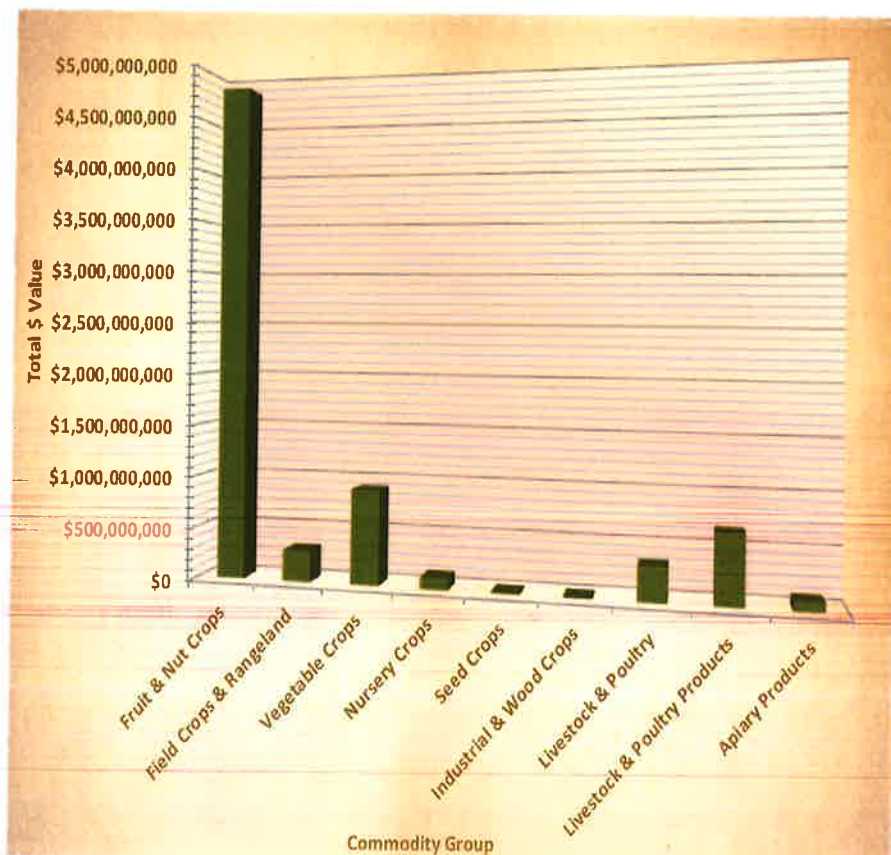
b/ Includes: Barley, Safflower and Wheat Seed.

c/ Includes: Broccoli, Carrot, Lettuce, Onion and Tomato Seed.

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

e/ Does not include cotton acreage.

Total Value Comparison by Commodity Group



Field Crops - 2017

<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/2017	3,540	1.06	3,760	Ton	\$ 202.00	\$ 760,000
	a/2016	4,540	1.87	8,490	Ton	\$ 182.00	\$ 1,545,000
Beans, Dry	2017	1,086	1.37	1,490	Ton	900.00	1,335,000
Edible	2016	2,838	1.30	3,690	Ton	800.00	2,952,000
Cotton Lint,	2017	2,880	b/1,370	7,900	Bale	d/0.85	3,354,000
Upland & Acala	2016	3,480	b/1,840	12,800	Bale	d/0.67	4,285,000
Cotton Lint,	2017	27,815	b/1,290	c/72,000	Bale	d/1.60	57,493,000
Pima	2016	20,205	b/1,580	c/64,000	Bale	d/1.38	44,224,000
Cottonseed	2017	---	---	34,300	Ton	395.00	13,547,000
Processing	2016	---	---	28,500	Ton	452.00	12,880,000
Hay, Alfalfa	2017	72,900	7.93	578,000	Ton	175.00	101,200,000
	2016	84,200	7.14	601,000	Ton	153.00	91,931,000
Hay, Grain	2017	4,600	2.90	13,400	Ton	110.00	1,468,000
	2016	6,400	3.95	25,300	Ton	140.00	3,545,000
Hay, Other	2017	6,400	3.50	22,400	Ton	134.00	3,002,000
	2016	5,840	3.20	18,700	Ton	127.00	2,374,000
Pasture,	2017	6,000	---	---	Acre	140.00	840,000
Irrigated	2016	7,000	---	---	Acre	140.00	980,000
Pasture, Other	2017	---	---	---	Acre	---	1,172,000
	2016	---	---	---	Acre	---	1,153,000
Pasture, Range	2017	1,446,000	---	---	Acre	20.60	29,781,000
	2016	1,444,000	---	---	Acre	15.00	21,664,000
Silage and	2017	97,000	15.66	1,519,000	Ton	46.40	70,505,000
Forage	2016	102,000	19.37	1,976,000	Ton	46.40	91,704,000
Wheat	2017	16,300	2.29	37,400	Ton	198.00	7,416,000
	2016	18,900	2.70	51,100	Ton	175.00	8,925,000
Miscellaneous	e/2017	9,500	---	70,000	Ton	---	11,202,000
	e/2016	15,900	---	129,000	Ton	---	16,550,000
Totals	2017	f/248,021	---	---	---	---	\$303,075,000
	2016	f/271,303	---	---	---	---	\$304,712,000

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 - 2017

<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,	2017	5,560	7.43	41,300	Ton	1,530.00	63,051,000
Fresh & Process	2016	5,530	7.90	43,700	Ton	1,460.00	63,637,000
Lettuce, Head	2017	---	---	---	Ton	---	---
	2016	588	19.56	11,500	Ton	470.00	5,459,000
Onions,	2017	4,660	23.50	109,500	Ton	290.00	31,746,000
Fresh	2016	4,190	23.75	99,500	Ton	200.00	19,897,000
Onions,	2017	3,810	45.01	171,500	Ton	170.00	29,156,000
Dehydrator	2016	3,430	23.06	79,100	Ton	190.00	15,004,000
Peppers, Bell	2017	1,920	20.99	40,300	Ton	870.00	34,992,000
Fresh	2016	2,050	20.68	42,400	Ton	970.00	41,076,000
Potatoes, All	2017	14,590	23.88	348,400	Ton	---	112,853,000
	2016	14,700	24.67	362,700	Ton	---	109,811,000
Potatoes, Spring	2017	12,380	26.01	322,000	Ton	---	102,918,000
	2016	12,380	26.27	325,200	Ton	---	96,999,000
Fresh Market	2017	---	---	148,000	Ton	470.00	69,495,000
	2016	---	---	141,000	Ton	457.00	64,430,000
Processing	2017	---	---	137,000	Ton	237.00	32,499,000
	2016	---	---	149,000	Ton	213.00	31,690,000
Culls	2017	---	---	37,000	Ton	25.00	924,000
	2016	---	---	35,200	Ton	25.00	879,000
Potatoes, Winter	2017	2,210	11.95	26,400	Ton	---	9,935,000
	2016	2,320	16.16	37,500	Ton	---	12,812,000
Fresh Market	2017	---	---	21,100	Ton	465.00	9,803,000
	2016	---	---	30,000	Ton	421.00	12,626,000
Culls	2017	---	---	5,300	Ton	24.90	132,000
	2016	---	---	7,500	Ton	24.80	186,000
Watermelons,	2017	2,790	40.50	113,000	Ton	359.00	40,587,000
Seeded/Seedless	2016	1,790	34.30	61,400	Ton	327.00	20,104,000
Miscellaneous	a/2017	53,500	---	1,245,000	Ton	---	604,251,000
	b/2016	49,300	---	1,203,000	Ton	---	561,682,000

Vegetable Crops - 2017

<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	2017	86,830	---	2,069,000	Ton	---	\$ 916,636,000
	2016	81,578	---	1,903,300	Ton	---	\$ 836,670,000

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, 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.

b/ 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.

Kern County Certified Farmers' Markets

LOCATION	SEASON	DAY	TIME
Brimhall Farmers' Market NE Corner of Brimhall & Calloway, 9500 Brimhall Rd.	Year Round	S a t u r d a y	9am - 1:30pm
Valley Farmers Market 3201 F St., Bakersfield CA	January through D e c e m b e r	S a t u r d a y	8 a m - 1 2 p m
Clinica Sierra Vista/Delano Community Health Center, 1508 Garces Hwy.	June through N o v e m b e r	Every other Tuesday	3 p m - 5 p m
Clinica Sierra Vista/Lamont Community Health Center, 8787 Hall Rd	June through N o v e m b e r	Every other Tuesday	3 p m - 5 p m
Clinica Sierra Vista/Bakersfield 815 Martin Luther King	June through N o v e m b e r	Every other Tuesday	9 a m - 1 1 a m
Omni Family Health/Shafter 659 S. Central Valley Hwy	March through D e c e m b e r	Every other Saturday	8 a m - 1 p m
Omni Family Health/Wasco 2101 7th St.	March through D e c e m b e r	Every other Saturday	8 a m - 1 p m
Haggin Oaks Farmers' Market Corner of Ming & Haggin Oaks, 8800 Ming Ave.	Year Round	S u n d a y	9am - 2pm
Main Street Farmers' Market Tehachapi N. Green St., Tehachapi Blvd.	May through A u g u s t	T h u r s d a y	4pm - 7:30pm
Wasco Farmers Market Hwy 43 between 7th & 8th Streets	June through A u g u s t	W e d n e s d a y	2pm - 6pm
Kernville Farmers Market Kernville Rd, Kernville Ca.	April through O c t o b e r	S a t u r d a y	8am - 12pm

Nursery Crops - 2017

<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	2017	---	---	Tree	---	\$ ---
	2016	---	180	Tree	---	\$ 9,890
Fruit and Nut	a/2017	1,290	23,821,000	Plant	---	83,074,000
Trees & Vines	a/2016	820	24,071,000	Plant	---	72,709,000
Herbaceous	2017	---	---	---	---	1,530,000
Plants	2016	---	---	---	---	1,213,000
Ornamental	a/2017	129	643,000	Plant	---	1,089,000
Trees & Shrubs	a/2016	89	252,000	Plant	---	877,000
Propagative	2017	---	---	---	---	4,005,000
Material	2016	---	---	---	---	2,962,000
Roses	2017	460	8,260,000	Plant	\$ 2.29	18,903,000
	2016	510	8,288,000	Plant	\$ 2.40	19,885,000
Turf	2017	351	---	Sq Ft	---	5,104,000
	2016	269	---	Sq Ft	---	4,662,000
Totals	2017	2,230	---	---	---	\$ 113,705,000
	2016	1,688	---	---	---	\$ 102,317,890

a/ Includes: Container grown plants.

Industrial & Wood Crops - 2017

<u>CROP</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Almond Hulls & Shells	2017	241,000	Ton	---	\$ 5,522,000
	2016	190,000	Ton	---	\$ 3,962,000
Biomass &	2017	218,000	Ton	---	4,545,000
Composting	2016	215,000	Ton	---	4,518,000
Timber	a/2017	2,257	Brd Ft	---	163,000
	a/2016	1,265	Brd Ft	---	62,000
Wood for Fuel	2017	1,781	Cord	---	534,000
	2016	1,291	Cord	---	503,000
Totals	2017	---	---	---	\$ 10,764,000
	2016	---	---	---	\$ 9,045,000

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

Livestock & Poultry - 2017

<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	2017	339,000	---	Head	\$ 940.00	\$ 318,019,000
	2016	344,000	---	Head	\$ 900.00	\$ 308,924,000
Sheep & Lambs	2017	91,000	90,000	Cwt	155.00	13,950,000
	2016	89,000	90,000	Cwt	180.00	16,200,000
Hogs	2017	2,132	5,370	Cwt	53.60	288,000
	2016	2,070	5,220	Cwt	49.60	259,000
Ostriches	2017	---	---	---	---	---
	2016	---	---	---	---	---
Miscellaneous	a/2017	---	---	---	---	721,000
	a/2016	---	---	---	---	1,125,000
Totals	2017	---	---	---	---	332,978,000
	2016	---	---	---	---	\$ 326,508,000

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

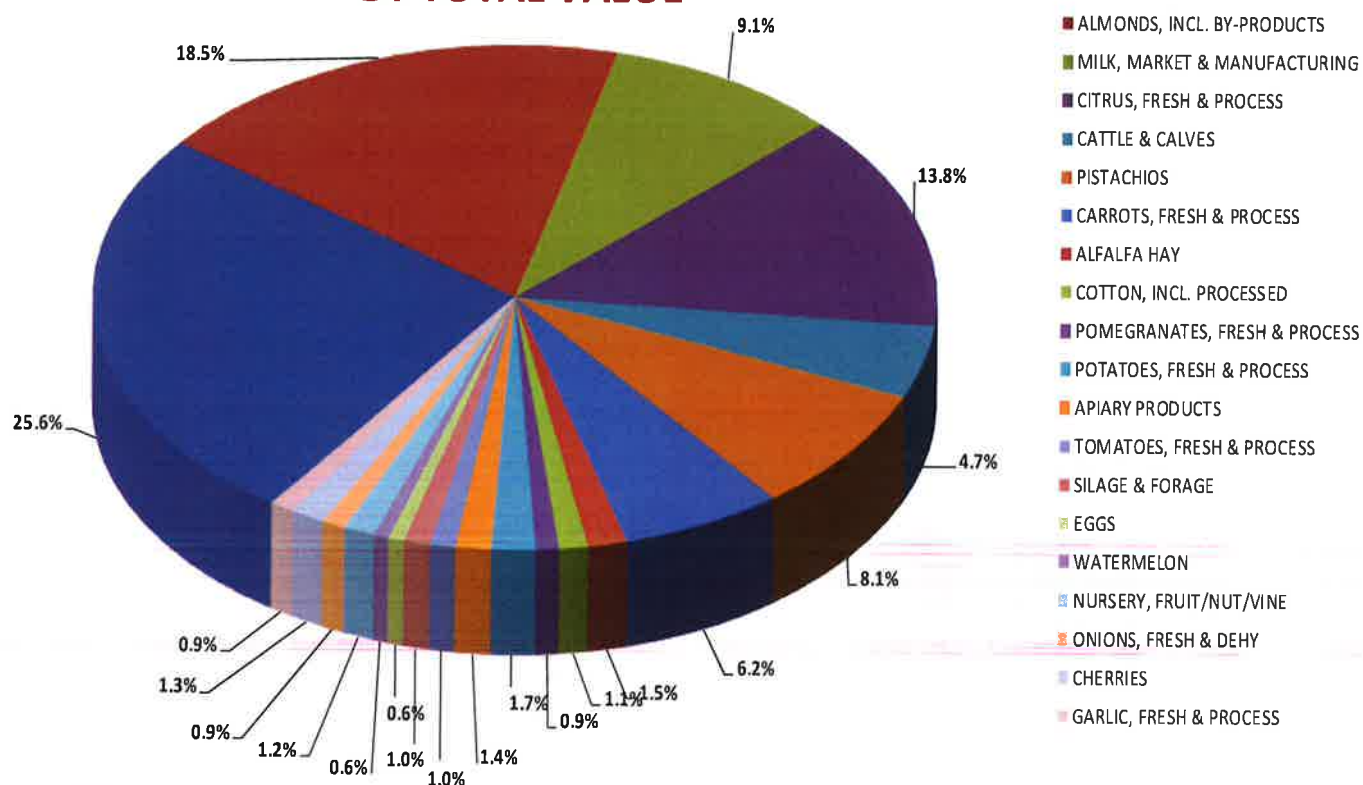
Livestock & Poultry Products - 2017

<u>PRODUCT</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Milk, Market	2017	37,176,000	Cwt	\$ 16.60	\$ 618,674,000
	2016	38,256,000	Cwt	\$ 15.10	\$ 579,444,000
Milk, Manufacturing	2017	9,300	Cwt	18.40	171,000
	2016	16,800	Cwt	16.10	270,000
Manure	2017	773,000	Ton	---	5,132,000
	2016	733,000	Ton	---	4,514,000
Wool	2017	450,000	Lb.	2.30	1,035,000
	2016	450,000	Lb.	2.00	900,000
Eggs & Egg Product	2017	---	---	---	41,409,000
	2016	---	---	---	24,385,000
Totals	2017	---	---	---	666,421,000
	2016	---	---	---	\$ 609,513,000

Apiary Products - 2017

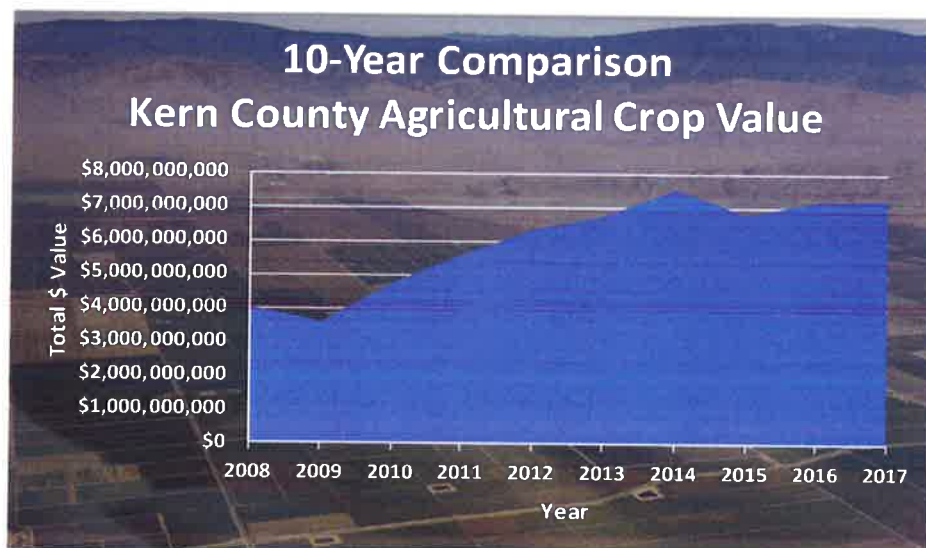
COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Honey	2017	3,969,000	Lb	\$ 2.09	\$ 8,296,000
	2016	3,362,000	Lb	\$ 2.06	\$ 6,926,000
Beeswax	2017	496,000	Lb	3.50	1,737,000
	2016	420,000	Lb	3.17	1,332,000
Pollination	2017	461,000	Colony	181.00	83,460,000
	2016	462,000	Colony	174.00	80,520,000
Other Apiary	2017	---	---	---	---
Products	2016	---	---	---	---
Totals	2017	---	---	---	\$ 93,493,000
	2016	---	---	---	\$ 88,778,000

TOP 20 COMMODITIES BY TOTAL VALUE



Summary - 2017

<u>COMMODITY</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>RANGE</u>	<u>TOTAL VALUE</u>
Fruit & Nut Crops	2017	546,290	---	\$ 4,802,164,000
	2016	530,238	---	\$ 4,900,990,000
Field Crops & Rangeland	2017	248,021	1,446,000	303,075,000
	2016	271,303	1,444,000	304,712,000
Vegetable Crops	2017	86,830	---	916,636,000
	2016	81,578	---	836,670,000
Nursery Crops	2017	2,230	---	113,705,000
	2016	1,688	---	102,317,890
Industrial & Wood Crops	2017	---	---	10,764,000
	2016	---	---	9,045,000
Seed Crops	2017	1,200	---	14,932,000
	2016	1,150	---	9,410,450
Livestock & Poultry	2017	---	---	332,978,000
	2016	---	---	326,508,000
Livestock & Poultry Products	2017	---	---	666,421,000
	2016	---	---	609,513,000
Apiary Products	2017	---	---	93,493,000
	2016	---	---	88,778,000
Totals	2017	884,571	1,446,000	\$ 7,254,168,000
	2016	885,957	1,444,000	\$ 7,187,944,340
Total Value without Timber	2017			\$ 7,254,005,000
	2016			\$ 7,187,882,340



Pest Prevention & Control - 2017

PEST EXCLUSION

<u>INSPECTION TYPE</u>	<u>PREMISES VISITED</u>	<u>SHIPMENTS INSPECTED</u>	<u>PESTS/NOR's</u>
Express Carriers	205	2,578	0/10
U. S. Post Office	21	57	0
UPS	41	288	0
Federal Express	180	2,513	0/15
Federal Express Ground	79	1,225	0
Air Freight	0	0	0
Gypsy Moth	9	4	0
Florida/Southern States	2	2	0
Hawaii	0	0	0
Truck	371	449	0
High Risk Market	81	117	0/5
Beehives	19	44	0
Other	5	2	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>)	496
Mediterranean Fruit Fly (<i>Ceratitis capitata</i>)	491
Melon Fruit Fly (<i>Bactrocera curcurbitae</i>)	265
Oriental Fruit Fly (<i>Bactrocera dorsalis</i>)	492
McPhail Trap	
Mexican Fruit Fly (<i>Anastrepha ludens</i>)	263
Delta Trap	
Gypsy Moth (<i>Lymantria dispar</i>)	501
Japanese Beetle Trap (<i>Popillia japonica</i>)	425
Trogotrap 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>)	10
Glassy-winged Sharpshooter (<i>Homalodisca coagulata</i>)	200
Champ Trap	393
Mexican Fruit Fly (<i>Anastrepha ludens</i>)	
Yellow Panel Trap	
Asian Citrus Psyllid (<i>Diaphorina citri</i>)	7,972
Delta Trap	
European Grapevine Moth (<i>Lobesia botrana</i>)	3,882

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 - 68

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

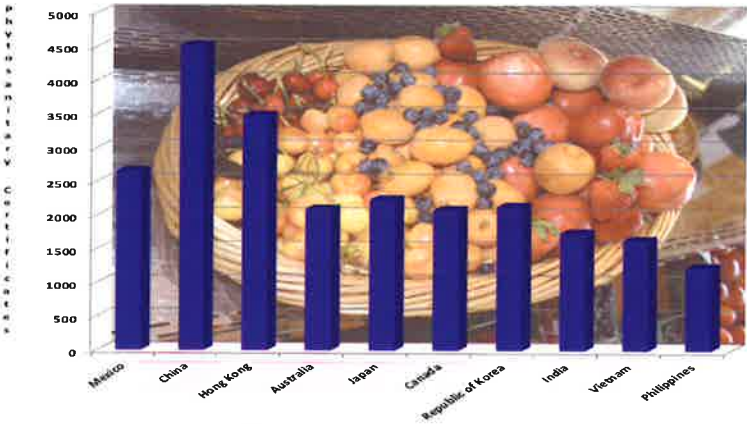
Phytosanitary Certification is one of the largest programs within the Department of Agriculture. Depending on the agricultural commodity and destination country, Phytosanitary Certification may be required, which attests to the freedom from insects and diseases, by an Accredited Certifying Official (ACO).

Phytosanitary Certificates Issued

33,981

TOP 10 DESTINATION COUNTRIES & PHYTOSANITARY CERTIFICATES ISSUED (listed greatest to least): China (4,514), Hong Kong (3,479), Mexico (2,651), Japan (2,232), Republic of Korea (2,133), Australia (2,094), Canada (2,080), India (1,742), Vietnam (1,633), and Philippines (1,237)

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*	30,695	Acres
*Cooperative Pink Bollworm Project		