



2016 COLUSA COUNTY CROP REPORT

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MISSION STATEMENT

Our mission is to promote, protect and enhance agriculture and the environment while sustaining public health, safety and welfare for all the citizens of Colusa County and to provide consumer and marketplace protection through the fair and equitable enforcement of laws and regulation.

We fulfill our mission through the following programs: Pest Detection, Pest Management, Pest Exclusion, Pesticide Use Enforcement, Seed Inspection, Nursery Inspection, Fruit & Vegetable Standardization, Egg Quality Control, Weights and Measures Enforcement and other non-regulatory programs.



COLUSA COUNTY
DEPARTMENT OF AGRICULTURE
GREGORY A. HINTON
AGRICULTURAL COMMISSIONER/SEALER OF WEIGHTS AND MEASURES
100 SUNRISE BLVD., SUITE F
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To: Karen Ross, Secretary
California Department of Food and Agriculture
and the Honorable Board of Supervisors, Colusa County

In accordance with the provisions of Section 2279 and 2272 of the California Food and Agricultural Code, I am pleased to submit the 2016 Colusa County Crop Report. This annual report presents statistical information on acreage, yield, and value of agricultural products grown within Colusa County.

Agriculture continues to be Colusa County's major producing industry. The 2016 gross production value for agriculture was \$791,664,000. This represents a decrease of \$110,100,000 when compared to 2015 production values of \$901,764,000. Overall commodity yields were comparable to 2015, yet a decrease of demand contributed heavily to reduction of commodity values. This reduction was especially notable for commodities grown within Colusa County.

The gross value for almonds in the amount of \$301,223,000 exceeded the value of rice at \$197,023,000 as the top commodity. Walnuts, processing tomatoes and miscellaneous fruit and vegetable crops were three, four and five respectively. Gross value of the top five commodities accounted for \$646,826,000 or approximately 82% of the total gross value of commodities within Colusa County.

It is important to note that figures within this report show gross values only, and do not reflect a net return to the producer.

This report provides an annual opportunity to recognize growers, processors, producers and all businesses supportive to agriculture. As such, I wish to express sincere appreciation for the continued effort in providing information vital to the creation of this report.

Respectfully submitted,

Gregory A. Hinton
Agriculture Commissioner



**AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES**

Greg Hinton

**ASSISTANT AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES**

Mary Anne Azevedo

AGRICULTURAL & STANDARDS BIOLOGIST III

R. Scott Kittle

Jack de Wit

Benjamin Reische

Kristen Ottenwalter

AGRICULTURAL & STANDARDS BIOLOGIST II

Chelsea Dirks

AGRICULTURAL AIDE

David Zwald

SUPPORT STAFF

Renee McCormick - Fiscal Administrative Officer

Lee Ann Price - Administrative Secretary I

Dawn Brown - Account Clerk III

Elvira (Elly) Gutierrez - Office Assistant II

COUNTY BOARD OF SUPERVISORS

Kim Dolbow Vann - District I

John D. Loudon - District II

Mark D. Marshall - District III

Gary Evans - District IV, Vice-Chair

Denise J. Carter - District V, Chair

Apiary Products

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	TOTAL
HONEY	2016	36,000	Lb.	3.00	\$108,000
	2015	0	Lb.	0.00	0
PACKAGE BEES ¹	2016	2,500	Lb.	80.00	200,000
	2015	3,000	Lb.	80.00	240,000
QUEENS	2016	21,000	Each	25.00	525,000
	2015	36,000	Each	20.00	720,000
POLLINATION					
ALMONDS	2016	85,678	Colony	185.00	15,850,000
	2015	81,598	Colony	175.00	14,280,000
MISCELLANEOUS ²	2016	21,160	Colony	34.75	735,000
	2015	19,815	Colony	33.75	669,000
TOTAL	2016				\$17,418,000
	2015				15,909,000

¹ Includes 3 pounds bulk bees and a queen.

² Pollination colonies include onion, prune, sunflower and vine seed crops pollinated in Colusa County.

Organic Production

ITEM	YEAR	ACRES			TOTAL
ORGANIC RICE	2016	4,415			\$6,773,000
	2015	0			0
MISCELLANEOUS ¹	2016	11,974			5,671,000
	2015	0			0
TOTAL	2016				\$12,444,000
	2015				0

¹ Includes field crops, pasture, rangeland, livestock walnut and almonds.

38 Registered Organic Farmers/Ranchers.



FRUIT AND VEGETABLE CROPS

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
TOMATOES-PROCESSING	2016	15,649	55.33	865,859	Ton	\$69.00	\$59,744,000
	2015	17,555	52.35	919,004	Ton	78.00	71,682,000
MISCELLANEOUS	2016 ¹	-----	-----	-----	-----	-----	26,800,000
	2015 ²	-----	-----	-----	-----	-----	30,215,000
TOTAL	2016	15,649					\$86,544,000
	2015	17,555					101,897,000

¹ Includes beans, cabbage, cantaloupes, cucumbers, eggplant, melons, mushrooms, okra, onions, peas, pecans, peppers, pistachios, pumpkins, radishes, spinach, squash, sweet corn, turnips and watermelon.

² Includes beans, cabbage, cantaloupes, cucumbers, eggplant, melons, mushrooms, okra, onions, peas, peppers, pumpkins, radishes, spinach, squash, sweet corn, turnips and watermelon.

FRUIT AND NUT CROPS

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
ALMONDS - MEATS	2016	57,119	1.03	58,833	Ton	\$5,120.00	\$301,223,000
	2015	54,399	1.07	58,207	Ton	7,191.00	418,566,000
ALMONDS - HULL	2016	-----	-----	57,119	Ton	45.00	2,570,000
	2015	-----	-----	54,399	Ton	85.00	4,624,000
GRAPES, WINE	2016	1,393	10.33	14,390	Ton	542.57	7,807,000
	2015	1,819	8.38	15,243	Ton	462.50	7,050,000
OLIVES	2016	302	5.79	1,749	Ton	642.00	1,123,000
	2015	0	0.00	0	Ton	0.00	0
PRUNES	2016	711	1.18	839	Ton	2,300.00	1,930,000
	2015	713	1.90	1,355	Ton	2,593.00	3,513,000
WALNUTS - ENGLISH	2016	17,687	2.01	35,551	Ton	1,745.00	62,036,000
	2015	16,845	2.12	35,711	Ton	1,910.00	68,209,000
MISCELLANEOUS	2016 ¹	3,146	-----	-----	-----	-----	16,960,000
	2015 ²	3,444	-----	-----	-----	-----	19,013,000
TOTAL	2016	80,056					\$393,649,000
	2015	77,220					520,975,000

¹ Includes apples, apricots, Asian pears, bare root nursery stock, cherries, nectarines, peaches, pears, pecans, persimmons, pistachios, pluots, plums & pomegranates.

² Includes organic almonds, apples, apricots, Asian pears, bare root nursery stock, cherries, figs, mandarins, olives, nectarines, peaches, pears, pecans, persimmons, pistachios, pluots, plums, pomegranates & organic walnuts.



FIELD CROPS

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
BEANS - DRY	2016	2,934	1.22	3,579	Ton	875.00	\$3,132,000
	2015	4,292	1.00	4,292	Ton	1,120.00	4,807,000
CORN - GRAIN	2016	1,177	6.30	7,415	Ton	152.33	1,130,000
	2015	1,160	6.30	7,308	Ton	220.00	1,608,000
HAY - ALFALFA	2016	6,885	6.08	41,861	Ton	118.53	4,962,000
	2015	8,429	5.78	48,720	Ton	163.00	7,941,000
HAY - GRAIN ¹	2016	3,773	2.00	7,546	Ton	80.00	604,000
	2015	1,263	4.00	5,052	Ton	115.00	581,000
PASTURE - IRRIGATED	2016	1,100	-----	-----	Acre	166.33	183,000
	2015	1,100	-----	-----	Acre	80.00	88,000
PASTURE - DRYLAND	2016	180,000	-----	-----	Acre	17.48	3,146,000
	2015	180,000	-----	-----	Acre	22.95	4,131,000
RICE	2016	135,355	4.72	638,876	Ton	308.39	197,023,000
	2015	100,475	4.67	469,218	Ton	325.80	152,871,000
SAFFLOWER	2016	2,655	0.89	2,363	Ton	400.88	947,000
	2015	1,712	1.20	2,054	Ton	400.00	822,000
WHEAT	2016	15,057	2.64	39,750	Ton	148.36	5,897,000
	2015	16,993	2.87	48,770	Ton	178.17	8,689,000
MISCELLANEOUS	2016 ²	-----	-----	-----	-----	-----	976,000
	2015 ³	-----	-----	-----	-----	-----	11,197,000
TOTAL	2016	348,936					\$218,000,000
	2015	315,424					192,735,000

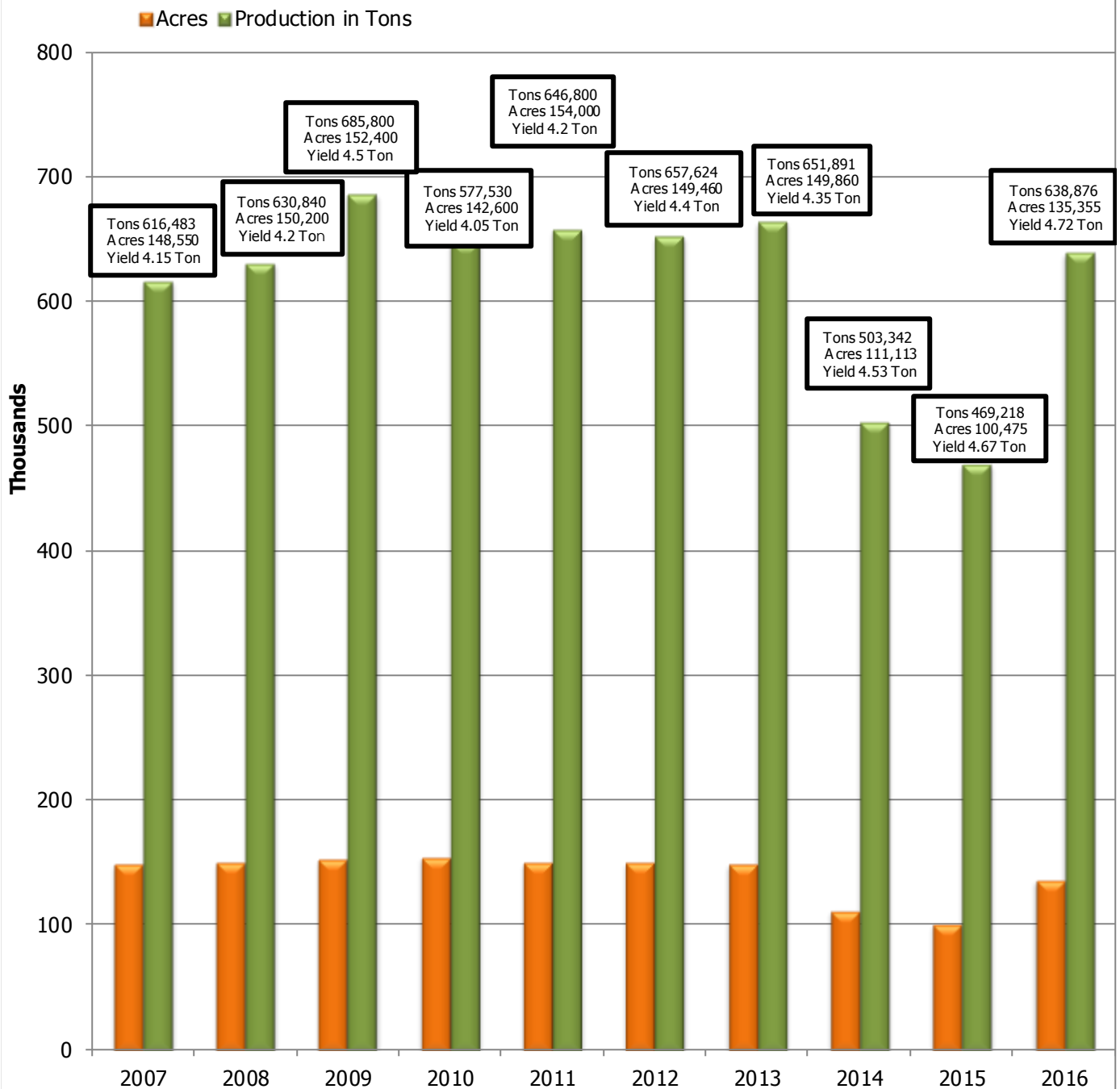
¹ Includes oat, rye grass, sudangrass, wheat and volunteer grain hay.

² Includes alfalfa stubble, barley, rice & wheat straw, sorghum milo and triticale.

³ Includes alfalfa stubble, barley, beans, rice & wheat straw, oats, organic beans, organic rice and triticale.



Total Acres/Total Production



CERTIFIED SEED CROPS

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
BEANS	2016	0	0	0	Lb.	\$0.00	\$0
	2015	731	2,000	1,462,000	Lb.	0.75	1,097,000
RICE	2016	10,023	9,159	91,795,946	Lb.	0.18	16,523,000
	2015	6,581	8,920	58,702,520	Lb.	0.21	12,328,000
SUNFLOWER	2016	5,524	1,100	6,076,400	Lb.	1.56	9,479,000
	2015	5,888	1,878	11,057,664	Lb.	0.94	10,394,000
WHEAT	2016	266	5,280	1,404,480	Lb.	0.12	169,000
	2015	383	5,740	2,198,420	Lb.	0.11	242,000
MISCELLANEOUS	2016 ¹	507	-----	-----	Lb.	-----	523,000
	2015 ²	18	-----	-----	Lb.	-----	225,000
TOTAL	2016	16,320					\$26,694,000
	2015	13,601					24,286,000

¹ Asparagus, safflower and watermelon.

² Asparagus and safflower.

NON-CERTIFIED SEED CROPS

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	TOTAL	UNIT	VALUE PER UNIT	TOTAL
CUCUMBER	2016	1,379	437	602,623	Lb.	4.99	\$3,007,000
	2015	1,698	248	421,104	Lb.	4.49	1,891,000
MELON	2016	152	461	70,072	Lb.	3.86	270,000
	2015	136	498	67,728	Lb.	3.60	244,000
ONION	2016	786	154	121,044	Lb.	44.00	5,326,000
	2015	517	167	86,339	Lb.	77.00	6,648,000
PUMPKIN	2016	151	523	78,973	Lb.	3.37	266,000
	2015	98	535	52,430	Lb.	3.61	189,000
SQUASH	2016	1,269	830	1,053,270	Lb.	2.91	3,065,000
	2015	832	447	371,904	Lb.	3.83	1,424,000
WATERMELON	2016	2,034	284	577,656	Lb.	5.93	3,426,000
	2015	1,329	281	373,449	Lb.	6.50	2,427,000
MISCELLANEOUS	2016 ³	2,267	-----	-----	-----	-----	6,354,000
	2015 ⁴	1,535	-----	-----	-----	-----	3,346,000
TOTAL	2016	8,038					\$21,714,000
	2015	6,145					16,169,000

³ Beans, beets, broccoli, cabbage, cauliflower, celery, chard, coriander, gourds, hybrid cucumber, hybrid onions, hybrid pumpkins, hybrid squash, hybrid watermelon, kale, kohlrabi, lettuce, mustard, onions, parsley, peas, peppers, radishes, sunflowers & tomatoes.

⁴ Beans, beets, broccoli, cabbage, cauliflower, celery, chard, coriander, eggplant, gourds, herbs, kale, lettuce, okra, parsnip, peas, peppers, radishes, sunflowers & tomatoes.

LIVESTOCK

ITEMS	YEAR	NUMBER OF HEAD	LIVE WEIGHT	UNIT	VALUE PER UNIT	TOTAL
CATTLE AND CALVES	2016	14,300	100,100	Cwt.	\$138.00	\$13,814,000
	2015	18,800	131,600	Cwt.	208.00	27,373,000
SHEEP AND LAMBS	2016	3,300	3,630	Cwt.	155.00	563,000
	2015	2,200	2,409	Cwt.	155.00	373,000
MISCELLANEOUS ¹	2016	-----	-----	----	-----	762,000
	2015	-----	-----	----	-----	1,692,000
TOTAL	2016					\$15,139,000
	2015					29,438,000

¹ Includes goats, hogs, quail and aquaculture.

LIVESTOCK PRODUCTS

CROP	YEAR	PRODUCTION	UNIT	PER UNIT	TOTAL
MISCELLANEOUS ¹	2016	-----	-----	-----	\$62,000
	2015	-----	-----	-----	35,000
TOTAL	2016				\$62,000
	2015				35,000

¹ Includes wool.



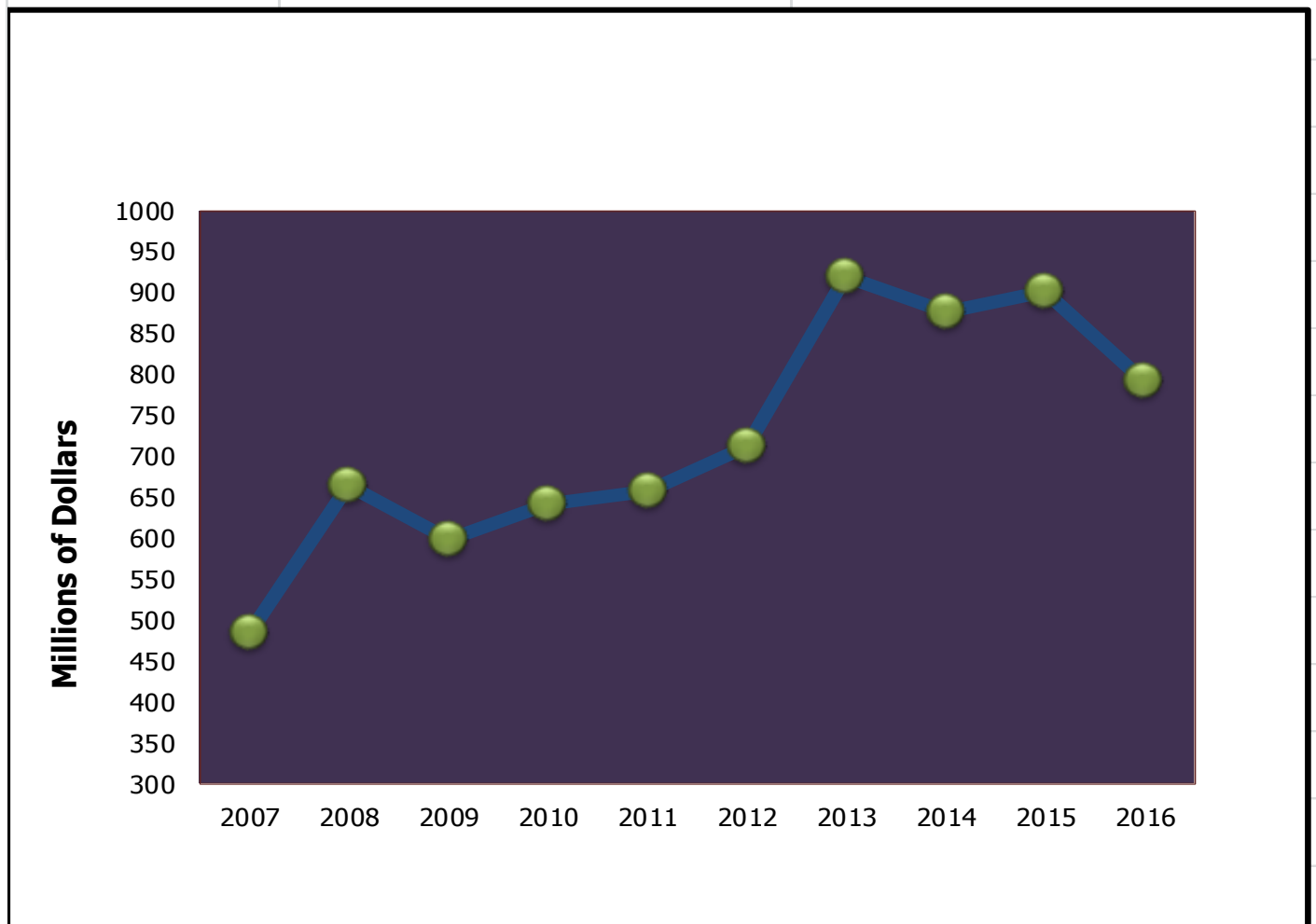
TEN LEADING FARM COMMODITIES

CROP	2016	CROP	2015
ALMONDS - MEATS	\$301,223,000	ALMONDS - MEATS	\$418,566,000
RICE	\$197,023,000	RICE	\$152,871,000
BEARING WALNUTS - ENGLISH	\$62,036,000	TOMATOES - PROCESSING	\$71,682,000
TOMATOES - PROCESSING	\$59,744,000	BEARING WALNUTS - ENGLISH	\$68,209,000
MISCELLANEOUS - FRUIT & VEGETABLE CROPS	\$26,800,000	CATTLE & CALVES	\$27,373,000
MISCELLANEOUS - FRUIT & NUT CROPS	\$16,960,000	POLLINATION - ALMONDS	\$14,280,000
RICE - SEED	\$16,523,000	RICE - SEED	\$12,328,000
POLLINATION - ALMONDS	\$15,850,000	SUNFLOWER - SEED	\$10,394,000
CATTLE & CALVES	\$13,814,000	WHEAT	\$8,689,000
SUNFLOWER SEED	\$9,479,000	HAY - ALFALFA	\$7,941,000



TEN YEAR COMPARISON

2016	GRAND TOTAL	791,664,000
2015	GRAND TOTAL	901,764,000
2014	GRAND TOTAL	876,347,000
2013	GRAND TOTAL	920,110,930
2012	GRAND TOTAL	711,768,100
2011	GRAND TOTAL	657,735,000
2010	GRAND TOTAL	640,802,000
2009	GRAND TOTAL	598,805,000
2008	GRAND TOTAL	662,644,000
2007	GRAND TOTAL	484,525,000



Pest Detection

The primary responsibility of the Pest Detection Program is the early detection and prompt eradication of the serious agricultural pests in California. The Colusa County Department of Agriculture monitored for the following pests during the 2016 Trapping Season.

INSECT	TRAP TYPE	SEASON	HOST	TOTAL TRAPS	SERVICINGS
Mediterranean Fruit Fly	Jackson Trap	May - Oct	Fruit Tree	37	250
Oriental Fruit Fly	Jackson Trap	May - Oct	Fruit Tree	12	118
Gypsy Moth	Delta Trap	June - Sept	Shade Tree	58	136
Melon Fly	Jackson Trap	June - Sept	Garden	12	96
Japanese Beetle	JB Trap	June - Sept	Rose/Turf	12	69
Light Brown Apple Moth	Jackson Trap	May - Oct	Fruit Tree	25	275
Glassy wing Sharp Shooter	Yellow Panel Trap	May - Oct	Ornamental	27	297
Khapra Beetle	Khapra Beetle Trap	Aug - Sept	Warehouse	23	23

Eradication

The Following weed pest locations were eradicated or controlled during 2016.

PEST	SCIENTIFIC NAME	CONTROL	LOCATIONS
Tree of Heaven	Ailanthus altissima	Mechanical/Chemical	11
Giant Reed	Arundo donax	Mechanical/Chemical	11
Purple Starthistle	Centaurea solstitialis	Chemical	3
Silverleaf Nightshade	Solanum elaeagnifolium	Mechanical/Chemical	1





COUNTY OF COLUSA
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