

Modoc County 2016 Annual Crop Report

“Where the West Still Lives!”



Modoc County
DEPARTMENT OF AGRICULTURE

202 West Fourth Street
Alturas, CA 96101

Agricultural Commissioner
Weights and Measures
Air Pollution Control Officer
Predatory Animal Control



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Karen Ross, Secretary

California Department of Food and Agriculture

Modoc County Board of Supervisors

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Modoc County Annual Crop Report for 2016. This report represents estimated acreage, yield, and gross value of agriculture products in Modoc County.

The gross agricultural receipts for 2016 totaled \$168,528,366.00. This represents an increase of \$25,005,776.00 from, \$143,522,580.00 from the 2015 growing season. In 2016, Modoc County experience a severe drought on private, state, and federal lands. There were prevent plant acres due to excessive moisture in the spring for irrigated cropland.

The figures contained in this report represent gross values only, and do not reflect a net return to the producer or the cost of production. Also, the figures do not reflect an individual operation since the entire county is the smallest unit measure for any particular commodity.

I sincerely, appreciate the efforts and cooperation of all the agricultural interest which provided production information. I especially thank department staff for compiling and producing the information publication.

Respectfully submitted,

Gary Fensler

Agricultural Commissioner/Sealer of Weights and Measures.

Department of Agriculture Weight & Measures Staff

Agricultural Commissioner/Sealer of Weights & Measures	Joseph Moreo
Deputy Agricultural Commission/Sealer of Weights & Measures	Gary Fensler
Agricultural Biologist	Jolene Moxon
Fiscal Officer	Susie Philpot
Noxious Weed Program & Shop Mechanic	Curtis Leslie
Noxious Weed Spray Crew	8 people

2016 Modoc County Board of Supervisors

District 1	David Allen
District 2	Pat Cullins
District 3	Kathie Rhoads Chairman
District 4	Jim Wills
District 5	Geri Byrne Vice Chair

General County Information

County Seat	Alturas
Population (2010)	9,686
Total Appraised Value	\$ 1,093,700
Area of County (square miles)	3,917.77
Acres in County	2,689,920

Major Farming Areas

Tulelake Basin

Surprise Valley

Adin

Lookout

New Pine Creek

Major Rivers

Lost River

Pit River

Ash Creek

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Field Crops

Crop	Year	Harvested Acreage	Production per Acre	Total Production	Unit	Price per Unit	Total Value
Alfalfa Hay	2016	28,376	6.5	184,444	Ton	\$140.00	\$25,822,160
	2015	37,000	5.5	203,500	Ton	\$190.00	\$38,665,000
	2014	36,500	5	182,500	Ton	\$224.00	\$40,880,000
Forage/Grain Hay	2016	23,430	4.5	105,435	Ton	\$80.00	\$8,434,800
	2015	23,500	2.70	63,450	Ton	\$200.00	\$12,690,000
	2014	23,885	3.00	71,655	Ton	\$170.00	\$12,181,350
Wheat	2016	6,039	3.3	19,928.7	Ton	\$118	\$2,351,586.6
	2015	4,413	3.00	13,239	Ton	\$153.00	\$2,025,567
	2014	5,475	4.50	24,637	Ton	\$212.00	\$5,223,044
Barley	2016	4,895	2.57	12,580.15	Ton	\$165.00	\$2,075,716.5
	2015	3,560	2.5	8,900	Ton	\$205.00	\$1,824,500
	2014	2,697	2.85	7686	Ton	\$204.00	\$1,567,944
Meadow Grass Hay	2016	20,000	5	100,000	Ton	\$260.0	\$26,000,000
	2015	20,000	1.75	35,000	Ton	\$160.00	\$5,600,000
	2014	20,000	1.75	35,000	Ton	\$210.00	\$7,350,000
Mint	2016	1,297	85	110245	lbs	\$21.00	\$2,315,145
	2015	N/A					
	2014	N/A					
Pasture - Irrigated	2016	25,500		250,000	AUM	\$33.00	\$8,250,000
	2015	50,000		250,000	AUM	\$35.00	\$7,500,000
	2014	50,000		250,000	AUM	\$30.00	\$8,750,000
Rangeland	2016	135,000		336,000	AUM	\$20.00	\$6,720,000
	2015	320,000		336,000	AUM	\$20.00	\$6,720,000
	2014	320,000		336,000	AUM	\$25.00	\$8,400,000

Total Field Crops –

2016 - 124,977 Acres \$ 81,969,407.00

2015 - 485,473 Acres \$ 75,061,817.00

2014 - 458,557 Acres \$ 84,433,788.00

Seed Crops

Crop	Year	Harvest Acres	Total Value
Alfalfa Seed	2016	30.00	\$17,740

Total Seed Crops –

2016 - 30 Acres \$ 17,740.00

Vegetable/Specialty Crops

Vegetable/Crop	Year	Acres	Production Per Acre	Total Units	Price Per Unit	Total Value
Potato	2016	4810	462.5	2,224,625cwt	\$10.75	\$23,914,718
	2015	3,917	490	1,919,330 cwt	\$6.00	\$11,515,980
	2014	4,580	470	2,152,600 cwt	\$6.00	\$12,915,600
Dry Onion	2016	1396	500	698,000cwt	\$8.20	\$5,723,600
	2015	938	500	469,000cwt	\$7.35	\$3,447,150
	2014	1259	475	598,025cwt	\$7.35	\$4,395,484
Garlic	2016	89	110	9,790 cwt	\$21	\$1,076,900
Horseradish	2016	243	2.5	607.5 Ton	\$500.00	\$303,750
Wild Rice	2016	3611	1865.8	6,737,403.8 #	\$0.972	\$6,548,765.4

Total Vegetable/Specialty Crop –

2016 - 10,149 Acres \$ 37,567,733.00

2015 - 4,855 Acres \$ 14,963,130.00

2014 - 5,839 Acres \$ 17,311,084.00

Nursery Products

Crop	Year	Total Value
Nursery	2016	\$316,117

Total Nursery Products –

2016 - \$316,117.00

Livestock & Poultry

Crop	Year	Number of Head Sold	Total Live Weight	Value/cwt	Total Value
All Cattle/ Calves	2016	45,500	22,750,000 #	\$1.55	\$35,262,500
	2015	36,500	255,500 cwt	\$147.00	\$37,558,500
	2014	36,250	270,250cwt	\$167.00	\$45,131,750
Cull Cows/Bulls	2016	3965	N/A	N/A	\$2,233,491.44
Feeder Cattle	2016	8525	N/A	N/A	\$7,104,181.10
Sheep/Lambs/Goats	2012	14250	N/A	\$1.27	\$18,097.5

Total Livestock Poultry –

2016 - \$44,618,270.00

2015 - \$37,558,500.00

2014 - \$45,131,750.00

Note – Cattle come from Oregon to be sold. This does not include video sale cattle.

The prices are bases on averages from cattle sale reports.

Apiary Products & Services

Crop	Year	Production (# colonies)	Pounds of Honey	Total Value
Bees/Honey	2016	1058 Hives	12,416	\$24,832

Total Apiary Products & Services –

2016 – \$24,832.00

Timber Products

Crop	Year	Volume/Production	Total Value
Timber	2016	21,336	\$3,988,975
	2015	71,419	\$9,588,000
	2014	79,136	\$13,220,845
Fire Wood	2016		\$19,971
	2015		\$17,595
	2014		\$18,420
Christmas Tree	2016		\$5,311
	2015	554	\$5,540
	2014	749	\$7,490

Total Timber –

2016 - \$4,014,257.00

2015 - \$9,611,135.00

2014 - \$13,246,755.00

Fallowed Acres

Crop	Year	Acres
Fallow Land	2016	14663
Drought Fallow	2016	160,500
Prevent Plant	2016	2,000

Total Fallowed Land –

2016 -16, 663

Note –

Prevent Plant because of excess moisture in early spring on irrigated cropland.

Extreme drought in 2016 for state and federal grazing allotments.

Five – Year Tread

Commodity	2012	2013	2014	2015	2016
Field Crops	\$82,361,565	\$95,722,470	\$84,433,788	\$75,061,817	\$ 81,969,407
Seed Crops	N/A	N/A	N/A	N/A	\$ 17,740
Veg/Specialty Crops	\$23,080,241	\$23,086,210	\$23,333,784	\$21,291,130	\$ 37,567,733
Nursery Products	N/A	N/A	N/A	N/A	\$316,117
Livestock & Poultry	\$34,450,000	\$35,442,000	\$45,131,750	\$13,246,755	\$44,618,270
Apiary Products & Services	N/A	N/A	N/A	N/A	\$24,832
Timber Products	\$4,599,017	\$12,252,280	\$13,246,755	\$9,611,135	\$4,014,257
Totals	\$144,490,869	\$166,502,960	\$166,146,077	\$143,522,582	\$168,528,356

Agricultural Report

In accordance with Section 2272 of the California Food and Agriculture Code, the Agricultural Report provides a brief account of efforts being made to exclude or eradicate exotic pests and to best manage those with already exist in a manner most conducive to the protection of our environment.

Quarantine Inspections:

In 2016, 40 shipments of agricultural products where inspected for compliance with quarantine requirements, which resulted in no live detections of pests. These inspections included 0 border station hold notices.

Certified Farmer’s Market

In 2016, there was one Certified Farmer’s Market with 9 certificates issued.

Pest Prevention/Detection:

Modoc County’s pest prevention program included pest detection trapping of exotic pests.



75 traps placed for Gypsy Moth throughout Modoc County. No detection



5 Traps placed for Japanese beetle throughout Modoc County. No detection.

Pest Management/Biological Control:

Pest Management	Biological Control	Program Size
Alfalfa Weevil – Hypera postica	Parastici wasps – Dibracnoides dyanstes Tetrastichus Incertus	Established
Aphides, ect.	C7 Ladybird Beetle Coccinella simiputata	Established
Spotted & Squarrose Knappweeds	Lesser Flower Weevil Larinus minutus	Established
Yellow Starthistle	Y.S.T Seedhead Weevil Bangosternus occidentalis Y.S.T Hairy Weevil Eustenopus villosus False Peacock Fly Chaetorellia succinea	Established
St. Johnswort – Klamath Weed	Klamath Weed Beetle Chrysolina sp.	Generally Distributed
Bull Thistle	Gall Gly 2 Urophora stylata	Release Sites

Noxious Weeds/Pest Eradication:

Modoc County encompasses approximately 2,689,920 acres, which are surveyed by our department for noxious weed list by California Department of Food and Agriculture. In 2016, 3 noxious weeds were under eradication and 6 species were under limited control treatment. The control agent was chemical/mechanical control. There were 185 sites and 7 regions/locations.

Eradication Species:

Scotch Thistle

Knapweed

Leafy Spurge

Limited Control Species:

Yellow Starthistle

Dalmatian Toadflax

Cripina

Russian Knapweed

Perennial Pepperweed

Organic Farming:

In 2016, Modoc County, had 25 organic growers and 2 organic handling/processing facilities. Organic farm land total was 185,381 acres including rangeland. Operations ranged for small gardens to livestock, field crop, and specialty crop operations.

Weights & Measures:

We work closely with the California Department of Food & Agriculture – Division of Measurement Standards to carry out vast majority of weights and measures enforcement activities. Ensuring fair competition for industry and accurate value comparison for consumers is the primary function of our program. Modoc County has 250 locations and 233 registered devices.

Gas Dispensers 115

Vehicle Meters 11

Computing Scales 15

Platform Scales 10

Hoppers 5

Livestock Scales 61

LPG Meters 7

Modoc County Export

Pest Exclusion:

Phytosanitary certificates are documents stating a said plant or plant products is free from pests and diseases, which are required by an importing county. Import requirements are designed to protect the importing countries agricultural industry from insects and diseases which have the potential to arrive with the shipment, and to ensure a higher quality product.

USDA Phytosanitary Certificates Issues: 9

Products exported to other countries: Horseradish Roots

Importing Countries: 0

State Phytosanitary Certificates Issued: 0

Modoc County Department of Agriculture would like to thank
all the contributors to the 2016 Crop Report.

Thank you!

Your support is much appreciated.

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<http://www.co.modoc.ca.us>