

# **TEHAMA COUNTY ANNUAL CROP REPORT 2019**



**FARMING THEN AND NOW**





*Tractor with Rototiller*



*Combine with Self-levelling Technology*



*Vintage Tractor*



*GUSS Autonomous Sprayer  
(Global Unmanned Spray System)*

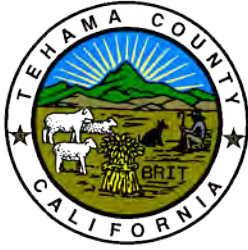


*Farming D-8 Dozer*



*Helicopter with Boom for Pesticide Application*





# COUNTY OF TEHAMA DEPARTMENT OF AGRICULTURE

1834 Walnut Street/PO Box 38  
Red Bluff, California 96080  
530-527-4504 Telephone  
530-529-1049 Facsimile

**DONI RULOFSON**  
Agricultural Commissioner/Sealer

**THOMAS MOSS**, Assistant  
Agricultural Commissioner/Sealer

Karen Ross, Secretary,  
California Department of Food and Agriculture, and  
Tehama County Board of Supervisors

It is my pleasure to present the 2019 Tehama County Crop Report that is prepared pursuant to the provisions of Section 2279 of the California Food and Agricultural Code. This annual report provides a statistical description of Tehama County's agricultural production. All figures in the report represent gross returns only and do not reflect net income of producers.

The total gross value of Tehama County agricultural production in 2019 was \$300,826,400, which represents an increase of 19% (\$48,883,600) from the 2018 total values.

Walnuts remained Tehama County's top crop with an overall value of \$88,039,200. The production of table olives and prunes rebounded significantly from 2018 in which early spring temperatures decreased production yields on these crops that year.

The top five highest value agricultural crops for Tehama County in 2019 were:

1. Walnuts \$88,039,200 (38% increase in value due to increase in price and acreage)
2. Almonds \$40,922,800 (7% decrease in value due to decrease in yield)
3. Beef Cattle \$27,610,800 (1% increase in value due to increase in number of head sold)
4. Table Olives \$29,535,500 (210% increase in value due to increase in yield)
5. Prunes \$23,281,900 (33% increase in value due to increase in yield)

My sincere appreciation is extended to the growers, processors, government agencies, and others that provided information used in preparing this report, as this publication would not be possible without their combined efforts.

I wish to thank my staff that assisted in compiling this report with special recognition to Peyton Durrett and Heather Kelly for the report's overall coordination and production.

Respectfully Submitted,

Doni Rulofson  
Agricultural Commissioner

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## Fruit and Nut Crops

Crop	Year	Bearing Acres	Yield (tons/acre)	Total Tons	Value/ Ton	Total Value
<b>Almond (Meats)</b>	<b>2019</b>	<b>13,300</b>	<b>0.61</b>	<b>8,113</b>	<b>\$5,044</b>	<b>\$40,922,800</b>
	2018	12,370	0.79	9,772	4,486	43,839,600
<b>Olives, Table</b>	<b>2019</b>	<b>4,333</b>	<b>7.19</b>	<b>31,154</b>	<b>948</b>	<b>29,535,500</b>
	2018	4,811	1.70	8,179	1,164	9,522,200
<b>Olives, Oil</b>	<b>2019</b>	<b>3,738</b>	<b>4.92</b>	<b>18,392</b>	<b>852</b>	<b>15,675,900</b>
	2018	2,889	1.43	4,131	689	2,846,500
<b>Prunes</b>	<b>2019</b>	<b>5,195</b>	<b>2.27</b>	<b>11,793</b>	<b>1,974</b>	<b>23,281,900</b>
	2018	5,257	1.62	8,516	2,059	17,535,500
<b>Walnuts</b>	<b>2019</b>	<b>26,147</b>	<b>1.60</b>	<b>41,835</b>	<b>2,104</b>	<b>88,039,200</b>
	2018	25,082	1.90	47,656	1,340	63,877,100
<b>Grapes</b>	<b>2019</b>	<b>162</b>	<b>3.36</b>	<b>544</b>	<b>1,604</b>	<b>872,800</b>
	2018	141	5.16	728	1,838	1,338,000
<b>Miscellaneous*</b>	<b>2019</b>					<b>8,267,500</b>
	2018					11,221,600
<b>Total</b>	<b>2019</b>					<b>\$207,804,700</b>
	2018					\$151,581,100

\*Misc.: Almond Hulls, Apples, Apricots, Black Walnuts, Blueberries, Cherries, Figs, Mandarins, Nectarines, Oranges, Peaches, Pecans, Pears, Persimmons, Pistachios, Plums, Pomegranates, Pome Fruit, Stone Fruit, Strawberries, & Walnut Shells.



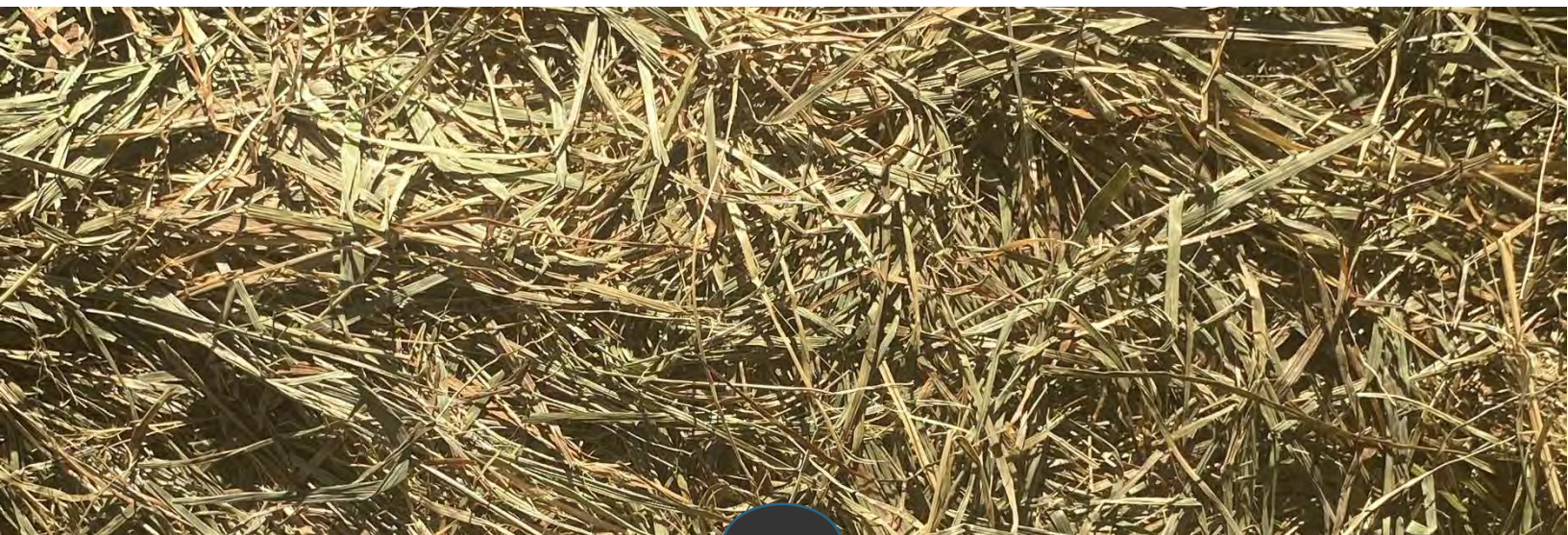




## Field Crops

Crop	Year	Harvested Acres	Yield (tons/acre)	Total Tons	Value/Ton	Total Value
<b>Wheat</b>	<b>2019</b>	<b>2,216</b>	<b>2.37</b>	<b>5,251</b>	<b>\$169</b>	<b>\$887,400</b>
	2018	3,245	2.86	9,281	180	1,670,900
<b>Corn</b>	<b>2019</b>	<b>689</b>	<b>5.01</b>	<b>3,452</b>	<b>153</b>	<b>526,400</b>
	2018	563	5.36	3,018	145	438,800
<b>Alfalfa Hay</b>	<b>2019</b>	<b>1,592</b>	<b>7.00</b>	<b>11,147</b>	<b>211</b>	<b>2,352,000</b>
	2018	1,720	6.34	10,905	203	2,213,700
<b>Grain Hay</b>	<b>2019</b>	<b>2,321</b>	<b>2.37</b>	<b>5,501</b>	<b>160</b>	<b>880,200</b>
	2018	3,960	2.79	11,048	163	1,804,700
<b>Miscellaneous*</b>	<b>2019</b>					<b>2,759,300</b>
	2018					2,961,700
<b>Total</b>	<b>2019</b>					<b>\$7,405,300</b>
	2018					\$9,637,300

\*Misc: Barley (feed), Beans, Corn Silage, Hops, Lavender, Pasture Hay, Rye Grass, Safflower, Sudangrass Hay, Sorghum, Triticale, Wild Rice.







## Seed Crops

	Year	Harvested Acres	Total Value
<b>Miscellaneous*</b>	<b>2019</b>	<b>198</b>	<b>\$646,000</b>
	2018	523**	\$313,800

\*Sunflower, Pumpkin, and Melon (Certified Seed)

\*\*Acreage includes Cotton



## Vegetable Crops

	Year	Harvested Acres	Total Value
<b>Miscellaneous*</b>	<b>2019</b>	<b>118</b>	<b>\$293,800</b>
	2018	143	\$357,500

\*Direct sales, Certified Farmer's Markets, and Roadside Stands



## Nursery Products

	Year	Total Value
<b>Nursery*</b>	<b>2019</b>	<b>\$10,264,000</b>
	2018**	\$10,382,900

\*Includes Bamboo, Berry, and Bedding Plants

\*\*Updated values to reflect correction to 2018 totals

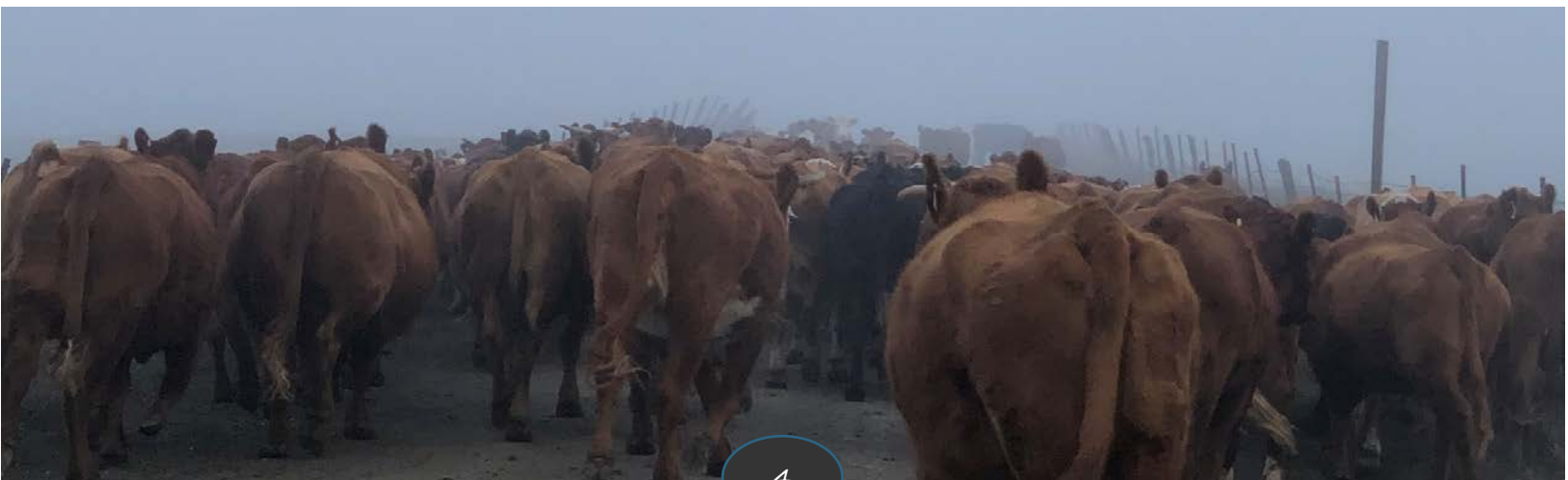




## Livestock and Poultry

	Year	Number of Head Sold	Total Live Weight (cwt)	Value/cwt	Total Value
<b>Calves</b>	<b>2019</b>	<b>5,257</b>	<b>28,862</b>	<b>\$172</b>	<b>\$4,970,400</b>
	2018	5,053	27,742	147	4,078,100
<b>Feeders</b>	<b>2019</b>	<b>12,267</b>	<b>85,868</b>	<b>128</b>	<b>10,982,500</b>
	2018	11,791	82,536	139	11,472,500
<b>Feedlot</b>	<b>2019</b>	<b>20,704</b>	<b>36,853</b>	<b>146</b>	<b>5,380,500</b>
	2018	19,904	35,429	146	5,172,600
<b>Registered Stock</b>	<b>2019</b>	<b>413</b>			<b>1,592,500</b>
	2018	496			1,750,500
<b>Cows &amp; Bulls</b>	<b>2019</b>	<b>3,392</b>	<b>44,732</b>	<b>69</b>	<b>3,071,900</b>
	2018	3,264	43,044	74	3,185,300
<b>Dairy Cattle</b>	<b>2019</b>				<b>1,612,982</b>
	2018				1,613,000
<b>Meat Goats</b>	<b>2019</b>	<b>2,355</b>	<b>2,355</b>	<b>137</b>	<b>322,600</b>
	2018	2,500	2,500	230	573,800
<b>Misc. Livestock*</b>	<b>2019</b>				<b>2,505,200</b>
	2018				4,962,600
<b>Total</b>	<b>2019</b>				<b>\$30,438,600</b>
	2018				\$32,808,400

\*Misc.: Aquaculture, Sheep & Lambs, Hogs & Pigs, Dairy Beef, Bison, Poultry, Rabbits, & Misc. Fowl







## Livestock and Poultry Products

	Year	Production (cwt)	Value/cwt	Total Value
<b>Milk</b>	<b>2019</b>	<b>580,357</b>	<b>\$18.73**</b>	<b>\$10,881,700</b>
	2018	486,306	15.55	7,562,100
<b>Animal Fiber*</b>	<b>2019</b>			<b>40,000</b>
	2018			40,000
<b>Eggs</b>	<b>2019</b>			<b>1,847,200</b>
	2018			2,693,200
<b>Total</b>	<b>2019</b>			<b>\$12,768,900</b>
	2018			\$10,295,300

\*Animal Fiber: Includes Wool & Alpaca Fiber

\*\*Averaged with monthly National Agricultural Statistics Service data



## Pasture and Range

	Year	Acres	Value/Acre	Total Value
<b>Irrigated Pasture</b>	<b>2019</b>	<b>17,800</b>	<b>\$225</b>	<b>\$4,005,000</b>
	2018	18,500	225	4,162,500
<b>Range</b>	<b>2019</b>	<b>914,800</b>	<b>12.50</b>	<b>11,435,000</b>
	2018	916,500	12.50	11,456,300
<b>Stubble*</b>	<b>2019</b>	<b>6,111</b>	<b>8.75</b>	<b>53,500</b>
	2018	7,152	8.75	62,600
<b>Total</b>	<b>2019</b>			<b>\$15,492,800</b>
	2018			\$15,681,400

\*Includes Rice, Barley & Wheat





## Apiary Products and Services

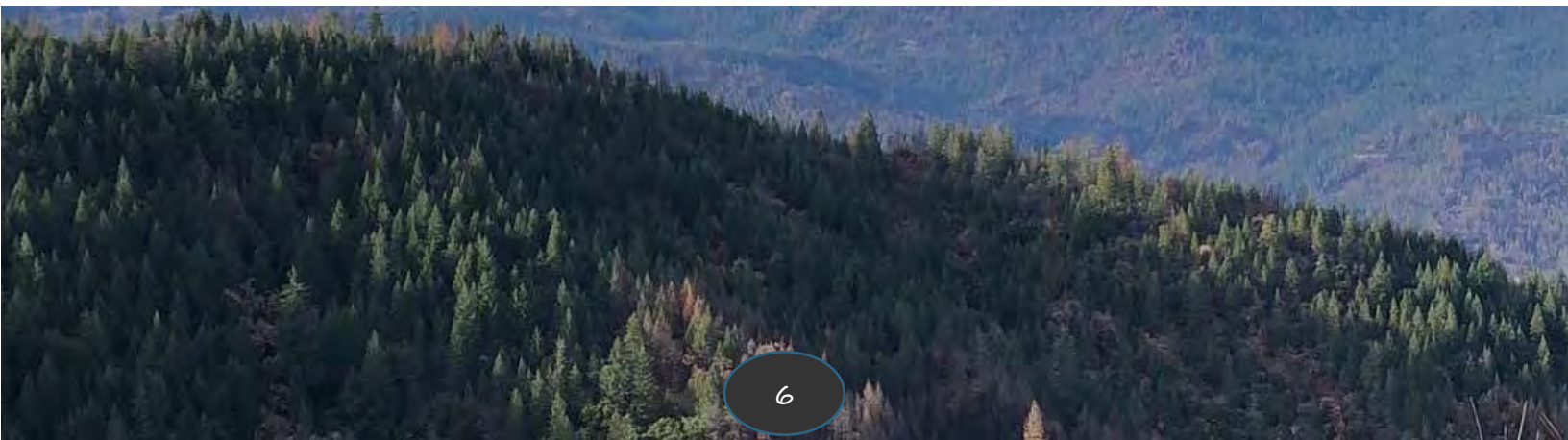
	Year	Colonies	Value/Colony	Total Value
Pollination	2019	28,270	\$187	\$5,286,500
	2018	26,401	187	4,937,000
Apiary Products*	2019			10,448,600
	2018			15,948,100
Total	2019			\$15,735,100
	2018			\$20,885,100

\*Honey, Queens, Wax, & Package Bees



## Timber Products

	Year	Harvested Board Feet	Total Value
Timber Products	2019	25,707,000	\$5,284,300
	2018	37,101,000	\$8,605,100





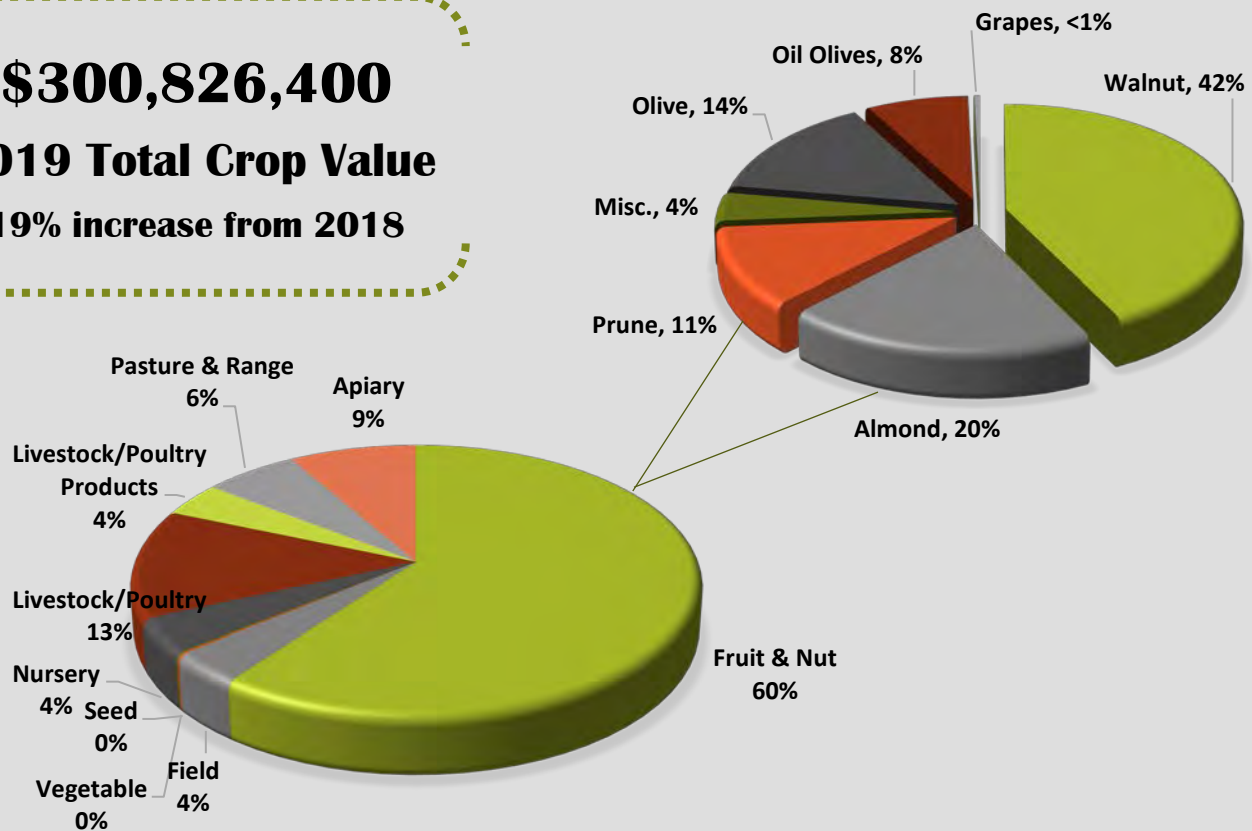
# Summary

Commodity	2017	2018	2019	2018-2019 % Change
Fruit & Nut Crops	\$269,352,500	\$151,581,100	\$207,804,700	37%
Field Crops	7,587,900	9,637,300	7,405,300	-21%
Seed Crops	426,000	313,800	646,000	106%
Vegetable Crops	499,100	357,500	227,500	-36%
Nursery Products	23,292,700	10,382,900	10,264,000	-1%
Livestock & Poultry	34,459,900	32,808,400	30,438,600	-7%
Livestock & Poultry Products	11,533,000	10,295,300	12,677,200	23%
Pasture & Range	15,694,900	15,681,400	15,628,000	0%
Apiary Products & Services	18,868,400	20,885,100	15,735,100	-25%
<b>Total</b>	<b>\$381,714,400</b>	<b>\$251,942,800</b>	<b>\$300,826,400</b>	<b>19%</b>

**\$300,826,400**

**2019 Total Crop Value**

**19% increase from 2018**





# A Glimpse into the Past

Commodity	2009 Total Sold	2019 Total Sold	2009 Value	2019 Value
<b>Almonds</b>	1,460 tons (1,468 acres)	<b>8,113 tons (13,301)</b>	\$21,777,400	<b>\$40,922,800</b>
<b>Olives (Table)</b>	2,270 tons (3,543 acres)	<b>31,154 tons (4,333)</b>	\$8,679,900	<b>\$29,535,500</b>
<b>Olives (Oil)</b>	—	<b>18,392 tons (3,738)</b>	—	<b>\$15,675,900</b>
<b>Prunes</b>	4,500 tons (1,987 acres)	<b>11,793 tons (5,195)</b>	\$26,278,100	<b>\$23,281,900</b>
<b>Walnuts</b>	750 tons (2,126 acres)	<b>41,835 tons (26,147)</b>	\$62,631,400	<b>\$88,039,200</b>
<b>Grapes</b>	—	<b>544 tons (162 acres)</b>	\$1,122,500	<b>\$465,700</b>
<b>Wheat</b>	—	<b>5,251 tons (2,216 acres)</b>	\$395,300	<b>\$887,400</b>
<b>Corn</b>	3,150 tons (1,579 acres)	<b>3,452 tons (689 acres)</b>	\$1,321,700	<b>\$526,400</b>
<b>Alfalfa</b>	33,500 tons (5,594)	<b>11,147 tons (1,593)</b>	\$2,132,700	<b>\$2,352,000</b>
<b>Grain Hay</b>	—	<b>5,501 tons (2,321 acres)</b>	\$734,900	<b>\$880,200</b>
<b>Vegetable Crops</b>	100 acres	—	\$250,000	<b>\$295,000</b>
<b>Seed Crops</b>	713 acres	<b>198 acres</b>	\$367,300	<b>\$646,000</b>
<b>Nursery Products</b>	—	—	\$2,997,800	<b>\$10,264,000</b>
<b>Dairy Cattle</b>	—	—	\$2,359,800	<b>\$1,613,000</b>
<b>Beef Cattle</b>	—	—	\$13,045,400	<b>\$27,610,800</b>
<b>Dairy Products</b>	636,077(cwt)	<b>580,357(cwt)</b>	\$11,898,100	<b>\$10,790,000</b>
<b>Meat Goats</b>	—	<b>2,355 head</b>	—	<b>\$322,600</b>
<b>Year Total**</b>			\$180,844,600	<b>\$300,826,400</b>



# Sustainable Agricultural Report

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

## Quarantine Inspections

During 2019, 159 shipments of agricultural products were inspected for compliance with quarantine requirements, which resulted in no live detections. These included 70 border station hold notices (008), 37 glassy-winged sharpshooter interior hold notices (blue tags), and 52 truckloads of bee hives.



Small Hive Beetle

## Pest Prevention

Tehama County's pest prevention program included pest detection trapping for several exotic pests. Trapping and nursery inspections were conducted for light brown apple moth and glassy-winged sharpshooter. European grapevine moth traps were placed in commercial grape vineyards. Asian citrus psyllid traps were deployed throughout the county during a winter trapping survey.



Glassy-winged Sharpshooter  
125 traps deployed  
No detections



Light Brown Apple Moth  
97 traps deployed  
No detections



European Grapevine Moth  
15 traps deployed  
No detections



Asian Citrus Psyllid  
116 traps deployed  
No detections



Mediterranean Fruit Fly  
47 traps deployed  
No detections



Oriental Fruit Fly  
13 traps deployed  
No detections



Melon Fly  
13 traps deployed  
No detections



Japanese Beetle  
29 traps deployed  
No detections



Gypsy Moth  
216 traps deployed  
No detections



# Sustainable Agricultural Report

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## Noxious Weeds

Tehama County encompasses approximately 1,904,640 acres, which are surveyed by our department for noxious weeds listed by California Department of Food and Agriculture. In 2019, one noxious weed species was under eradication and seven species were under limited control treatment.

## Eradication Species

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Spotted Knapweed  
*Centaurea stoebe*



## Limited-Control Species

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Whitehorse Nettle  
*Solanum elaeagnifolium*



Perennial Peppergrass  
*Lepidium latifolium*



Oblong Spurge  
*Euphorbia oblongata*



Heart-podded Hoarygrass  
*Lepidium draba*



Courtesy Joseph DiTomaso

Skeleton Weed  
*Chondrilla juncea*



Canada Thistle  
*Cirsium arvense*



Courtesy Joseph DiTomaso

Dalmatian Toad-Flax  
*Linaria dalmatica*





# Organic Farming and Direct Marketing

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## *Organic Farming*

Thirty-one organic growers registered in Tehama County in 2019. Organically farmed land totaled 72,747 acres, including rangeland. Operations range from small gardens catering to local Certified Farmer's Markets to livestock, dairy, orchard, and field crop producers providing products on a larger scale.

## *Direct Marketing*

Certified Farmer's Markets are diverse marketplaces that allow farmers to sell directly to the consumer and allows the consumer to directly interact with the farmer to learn how their food is produced. Tehama County issued 35 Certified Producer Certificates in 2019.



## *2019 Certified Farmer's Markets*

### Red Bluff Chamber of Commerce Certified Farmer's Market

Washington and Pine Streets, Downtown Red Bluff  
June-August  
Wednesdays, 5-8 P.M.

### Corning Thursday Night Farmer's Market

Northside Park, 6th and Colusa Street, Corning  
June-August  
Thursdays, 5-7:30 P.M.

### Saturday Market by the River

100 Main Street, Red Bluff  
Year-Round  
Saturdays 9 A.M. – 1 P.M.





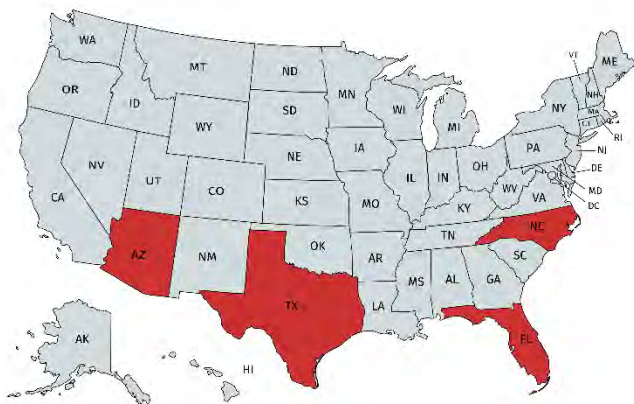
# Tehama County Exports

Phytosanitary certificates are documents stating that a said plant or plant product is free from pests and diseases, which are required by an importing country. 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 Issued: 1,880

Global Exports: Almonds, Beans for Consumption, Figs, Lumber, Pecans, Pistachios, Prunes, Strawberry Plants, Walnuts, Walnut Trees & Walnut Shells

## Importing Countries



## State Phytosanitary Certificates Issued: 33

State Exports: Strawberry Plants & Olive Trees

Importing States:

Arizona, Florida, North Carolina, and Texas



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Agricultural Commissioner/Sealer of Weights & Measures.....

Doni Rulofson

Asst. Agricultural Commissioner/Sealer of Weights & Measures.....

Thomas Moss

Deputy Agricultural Commissioner/Sealer of Weights & Measures...

Heather Kelly

Agricultural Biologist/ Weights & Measures Specialists.....

Loren Gehrung

Britt Schumacher

Ryan Knight

Peyton Durrett

Kim Smith

David Stoffel

Agricultural/Weights & Measures Aides.....

Juan Rodriguez

Richard Borchard

Office Manager.....

Vanessa Sciarretta

Office Assistant.....

Maria Vieyra

Photographs provided by Loren Gehrung, Thomas Moss, Peyton Durrett and Heather Kelly



Tehama County  
Department of Agriculture  
would like to thank all the contributors to the  
2019 Crop Report.



Thank You!  
Your support is much appreciated.



Tehama County—2019 Annual Crop Report

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