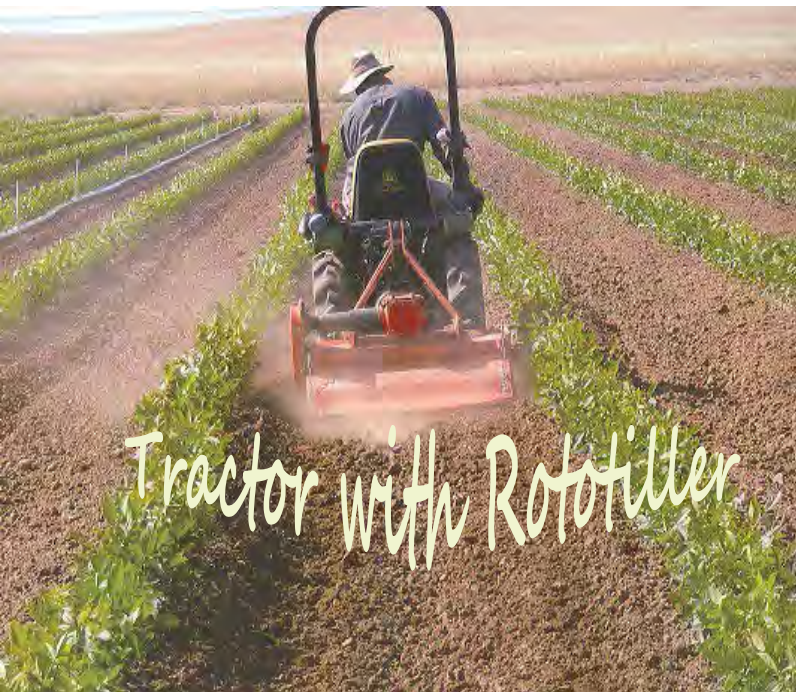


TEHAMA COUNTY ANNUAL CROP REPORT 2019



FARMING THEN AND NOW



Tractor with Rototiller



Combine with Self-Learning 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

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

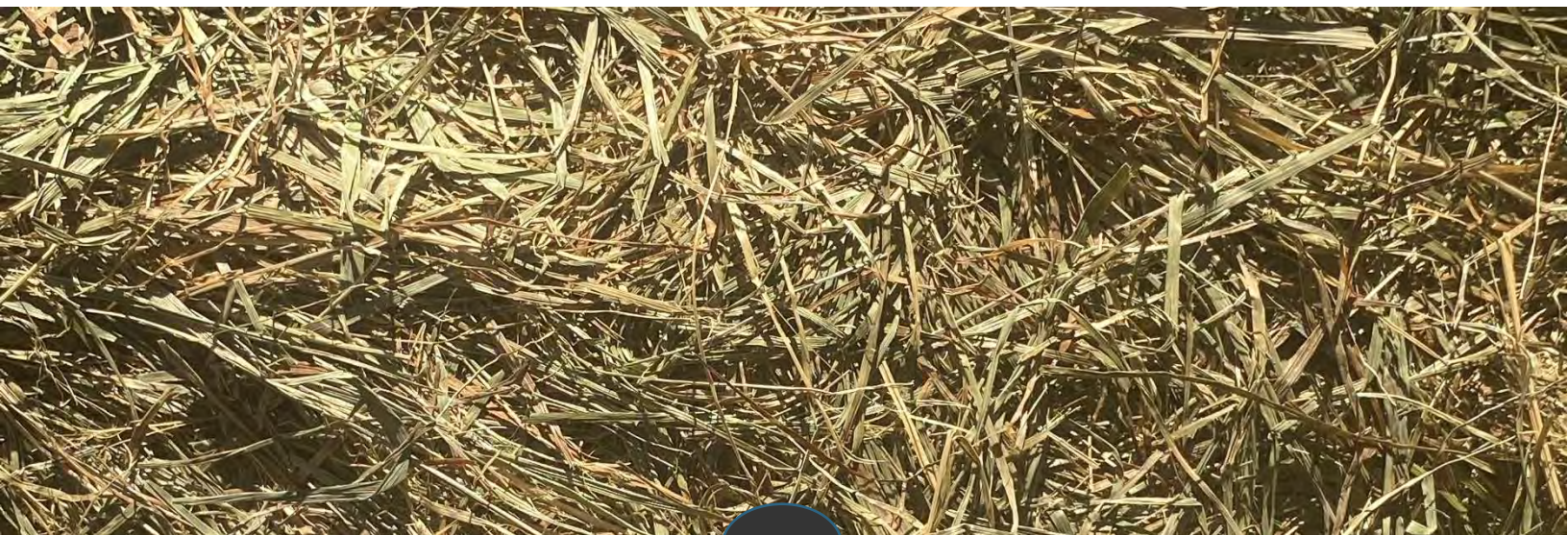




Field Crops

Crop	Year	Harvested Acres	Yield (tons/acre)	Total Tons	Value/Ton	Total Value
Wheat	2019	2,216	2.37	5,251	\$169	\$887,400
	2018	3,245	2.86	9,281	180	1,670,900
Corn	2019	689	5.01	3,452	153	526,400
	2018	563	5.36	3,018	145	438,800
Alfalfa Hay	2019	1,592	7.00	11,147	211	2,352,000
	2018	1,720	6.34	10,905	203	2,213,700
Grain Hay	2019	2,321	2.37	5,501	160	880,200
	2018	3,960	2.79	11,048	163	1,804,700
Miscellaneous*	2019					2,759,300
	2018					2,961,700
Total	2019					\$7,405,300
	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
Miscellaneous*	2019	198	\$646,000
	2018	523**	\$313,800

*Sunflower, Pumpkin, and Melon (Certified Seed)

**Acreage includes Cotton



Vegetable Crops

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

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



Nursery Products

	Year	Total Value
Nursery*	2019	\$10,264,000
	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
Calves	2019	5,257	28,862	\$172	\$4,970,400
	2018	5,053	27,742	147	4,078,100
Feeders	2019	12,267	85,868	128	10,982,500
	2018	11,791	82,536	139	11,472,500
Feedlot	2019	20,704	36,853	146	5,380,500
	2018	19,904	35,429	146	5,172,600
Registered Stock	2019	413			1,592,500
	2018	496			1,750,500
Cows & Bulls	2019	3,392	44,732	69	3,071,900
	2018	3,264	43,044	74	3,185,300
Dairy Cattle	2019				1,612,982
	2018				1,613,000
Meat Goats	2019	2,355	2,355	137	322,600
	2018	2,500	2,500	230	573,800
Misc. Livestock*	2019				2,505,200
	2018				4,962,600
Total	2019				\$30,438,600
	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
Milk	2019	580,357	\$18.73**	\$10,881,700
	2018	486,306	15.55	7,562,100
Animal Fiber*	2019			40,000
	2018			40,000
Eggs	2019			1,847,200
	2018			2,693,200
Total	2019			\$12,768,900
	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
Irrigated Pasture	2019	17,800	\$225	\$4,005,000
	2018	18,500	225	4,162,500
Range	2019	914,800	12.50	11,435,000
	2018	916,500	12.50	11,456,300
Stubble*	2019	6,111	8.75	53,500
	2018	7,152	8.75	62,600
Total	2019			\$15,492,800
	2018			\$15,681,400

*Includes Rice, Barley & Wheat



Apiary Products and Services

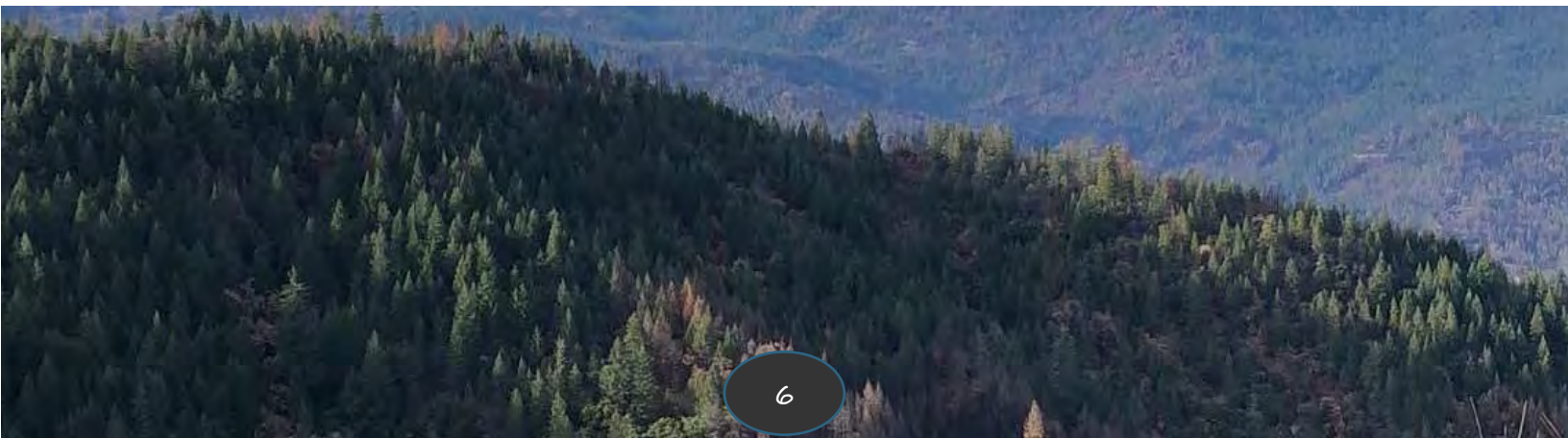
	Year	Colonies	Value/Colony	Total Value
Pollination	2019	28,270	\$187	\$5,286,500
	2018	26,401	187	4,937,000
Apiary Products*	2019			10,448,600
	2018			15,948,100
Total	2019			\$15,735,100
	2018			\$20,885,100

*Honey, Queens, Wax, & Package Bees



Timber Products

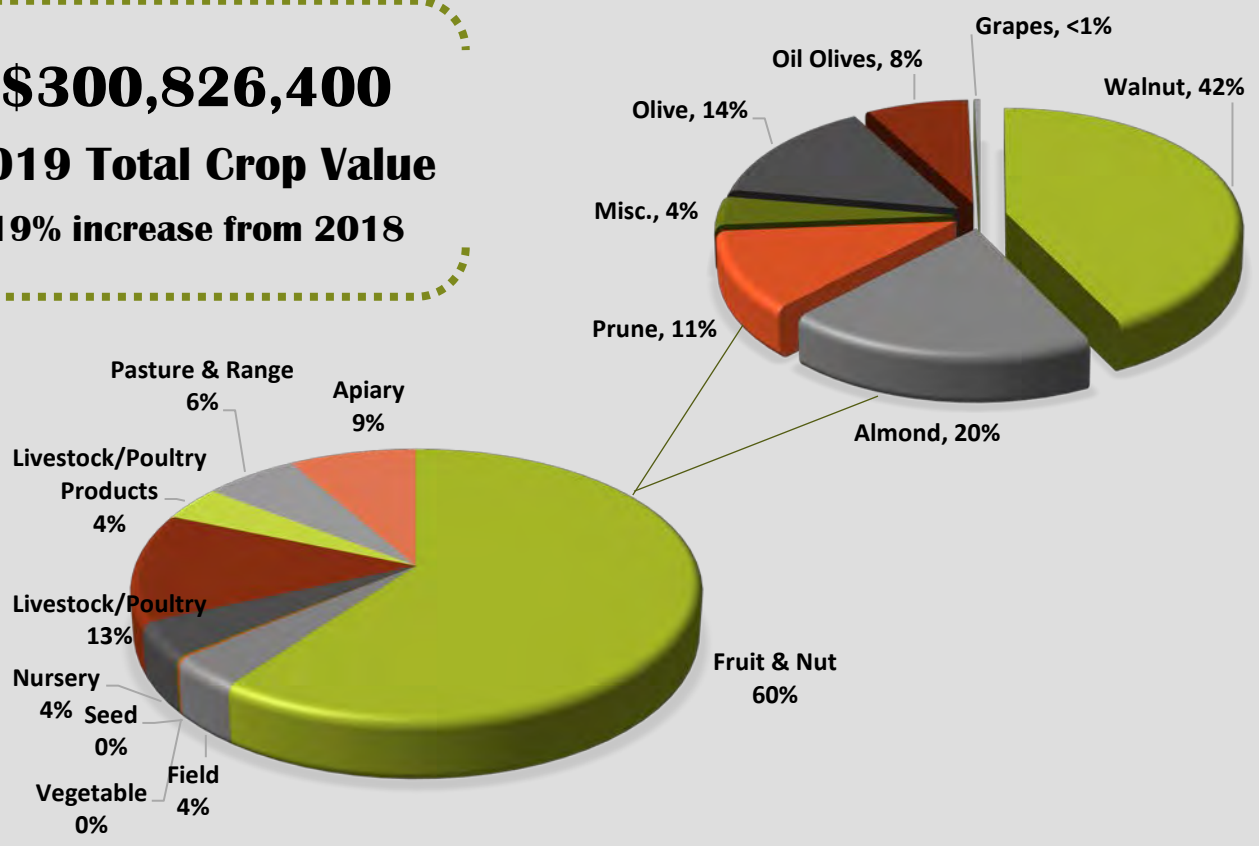
	Year	Harvested Board Feet	Total Value
Timber Products	2019	25,707,000	\$5,284,300
	2018	37,101,000	\$8,605,100



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%
Total	\$381,714,400	\$251,942,800	\$300,826,400	19%

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

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

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

Spotted Knapweed
Centaurea stoebe



Limited-Control Species

Whitehorse Nettle
Solanum elaeagnifolium



Perennial Peppergrass
Lepidium latifolium



Oblong Spurge
Euphorbia oblongata



Heart-podded Hoarygrass
Lepidium draba



Courtesy Joseph DiTomaso

Skeleton Weed
Chondrilla juncea

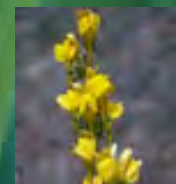


Canada Thistle
Cirsium arvense



Courtesy Joseph DiTomaso

Dalmatian Toad-Flax
Linaria dalmatica



Organic Farming and Direct Marketing

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.



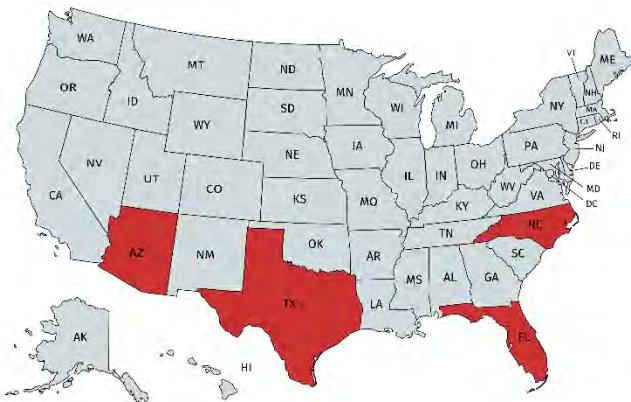
Tehama County Exports

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

BOARD OF SUPERVISORS

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District 2	Candy Carlson
District 3	Dennis Garton
District 4	Bob Williams, Chairman
District 5	Burt Bundy, Vice-Chairman

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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/>