

*Tehama County*  
*Annual Crop*  
*Report*  
2018



**Tehama County Farm Bureau**  
sponsors Farm-City Week providing a  
venue to engage the community.

**Harvest festivals** celebrate agricultural  
products produced in our community.

- 🍎 **Corning Olive Festival**
- 🍎 **Dairyville Orchard Festival**
- 🍎 **Manton Apple Festival**

- 🍎 **Farm-City Bus Tour**
- 🍎 **Farm Day**
- 🍎 **Farm-City Night**

***Bridging the Farmer and the Consumer***  
through local educational events, festivals and markets



**Direct marketing** connects the consumer to the farmer face-to-face through  
certified farmer's markets, roadside stands and u-pick farms.

***Certified Farmer's Markets***

- 🍎 **Red Bluff Chamber of Commerce—Wednesday Night Market**
- 🍎 **Corning Chamber of Commerce—Thursday Night Market**
- 🍎 **Red Bluff Chamber of Commerce/Shasta-Cascade Slow Food—Saturday Market by the River**

***U-Pick Farms***

- 🍎 **Hillside Poms**
- 🍎 **Hansen's Blueberry Farm**
- 🍎 **Haynes Family Peaches**
- 🍎 **LL Pistachios**
- 🍎 **S&B Blueberries**
- 🍎 **Sale Orchard**
- 🍎 **Seale Navel Oranges**
- 🍎 **Whitely Ranch**

***Roadside Stands***

- 🍎 **Bianchi Orchards**
- 🍎 **Burlison Fruit Stand**
- 🍎 **Julia's Fruit Stand**
- 🍎 **Peach Shack**
- 🍎 **Pumpkinland Chocolate Co.**



## 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 2018 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 2018 was \$265,630,300, which represents a significant decrease of 30% (\$116,084,100) from the 2017 total values.

Walnuts remained Tehama County's number one crop, but walnut prices decreased by 47% from 2017 to 2018, even though acreage increased slightly. The production of table olives, prunes and almonds decreased significantly. The warm early February temperatures followed by a hard freeze in late February significantly affected production yields which, in turn, decreased the overall value of three of the top six crops:

- Table Olives—yield decrease of 79%;
- Prunes—yield decrease of 40%, and
- Almonds—yield decrease of 15%.

The top six highest value agricultural crops for Tehama County in 2018 were:

1. Walnuts—\$63,877,100 (47% decrease in value)
2. Almonds—\$43,839,600 (18% decrease in value)
3. Beef Cattle—\$25,659,000 (10% increase in value)
4. Apiary—\$20,855,100 (11% increase in value)
5. Prunes—\$17,535,500 (41% decrease in value)
6. Table Olives—\$9,522,200 (76% decrease in value)

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 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)	2018	12,370	0.79	9,772	\$4,486	\$43,839,600
	2017	11,595	0.93	10,783	4,947	53,340,800
Olives, Table*	2018	4,811	1.70	8,179	1,164	9,522,200
	2017	4,838	8.06	38,994	1,007	39,273,200
Olives, Oil	2018	2,889	1.43	4,131	689	2,846,500
	2017	3,565	4.85	17,290	599	10,358,600
Pistachio	2018	368	0.91	335	4,181	1,400,600
	2017	319	2.52	804	2,658	2,136,800
Prunes	2018	5,257	1.62	8,516	2,059	17,535,500
	2017	5,541	2.69	14,905	1,993	29,711,500
Walnuts	2018	25,082	1.90	47,656	1,340	63,877,100
	2017	24,687	1.99	49,127	2,445	120,127,300
Grapes	2018	141	5.16	728	1,838	1,338,000
	2017	172	4.06	698	1,633	1,139,800
Miscellaneous**	2018					11,221,600
	2017					13,264,500
Total	2018					\$151,581,100
	2017					\$269,352,500

\* Warm early February temperatures followed by a hard freeze in late February affected almonds, olives and early-blooming stone fruit by damaging the inflorescence that had begun to develop.

\*\*Misc.: Almond Hulls, Apples, Apricots, Blueberries, Cherries, Mandarins, Nectarines, Oranges, Organic Almonds, Organic Figs, Organic Walnuts, Peaches, Pecans, Pears, Persimmons, Plums, Pomegranates, Strawberries, Walnuts (Black), & Walnut Shells.





## Field Crops

Crop	Year	Harvested Acres	Yield (tons/acre)	Total Tons	Value/Ton	Total Value
Wheat	2018	3,245	2.86	9,281	\$180	\$1,670,900
	2017	3,505	1.86	6,519	171	1,113,400
Corn	2018	563	5.36	3,018	145	438,800
	2017	415	5.87	2,436	155	376,800
Alfalfa Hay	2018	1,720	6.34	10,905	203	2,213,700
	2017	1,626	5.67	9,219	163	1,503,500
Grain Hay	2018	3,960	2.79	11,048	163	1,804,700
	2017	3,650	3.29	12,009	103	1,234,900
Silage (Corn)	2018	534	26.61	14,210	39	547,500
	2017	589	26.87	15,826	33	524,300
Miscellaneous*	2018					2,961,700
	2017					2,286,300
Total	2018					\$9,637,300
	2017					\$7,587,900

\*Misc: Barley (field and malt), Beans, Cotton, Hops, Lavender, Organic Rice, Pasture Hay, Rye Grass, Safflower, Sudangrass Hay, Sorghum, Triticale, Wild Rice. Pasture Hay has been moved to Miscellaneous for the 2018 crop year.



## Seed Crops

	Year	Harvested Acres	Total Value
<b>Miscellaneous*</b>	<b>2018</b>	<b>523</b>	<b>\$313,800</b>
	2017	442	\$426,000

\*Cotton, Melon, Pumpkin, Safflower, Sorghum, Sudangrass, and Sunflower (Certified and Non-certified Seed)

## Vegetable Crops

	Year	Harvested Acres	Total Value
<b>Misc. Vegetables*</b>	<b>2018</b>	<b>143</b>	<b>\$357,500</b>
	2017	217	\$499,100

\*Direct sales, certified farmer's markets, and roadside stands

## Nursery Products

	Year	Total Value
<b>Nursery*</b>	<b>2018</b>	<b>\$24,070,400</b>
	2017	\$23,292,700

\*Includes bamboo, berry, and bedding plants





## Livestock and Poultry

	Year	Number of Head Sold	Total Live Weight (cwt)	Value/cwt	Total Value
<b>Calves</b>	<b>2018</b>	<b>5,053</b>	<b>27,742</b>	<b>\$147</b>	<b>\$4,078,100</b>
	2017	5,318	29,198	147	4,292,100
<b>Feeders</b>	<b>2018</b>	<b>11,791</b>	<b>82,536</b>	<b>139</b>	<b>11,472,500</b>
	2017	12,410	86,867	142	12,335,100
<b>Feedlot</b>	<b>2018</b>	<b>19,904</b>	<b>35,429</b>	<b>146</b>	<b>5,172,600</b>
	2017	20,908	41,816	162	6,774,200
<b>Registered Stock</b>	<b>2018</b>	<b>496</b>			<b>1,750,500</b>
	2017	292			1,878,000
<b>Cows &amp; Bulls</b>	<b>2018</b>	<b>3,264</b>	<b>43,044</b>	<b>74</b>	<b>3,185,300</b>
	2017	3,392	44,732	75	3,354,900
<b>Dairy Cattle</b>	<b>2018</b>				<b>1,613,000</b>
	2017				1,640,200
<b>Meat Goats</b>	<b>2018</b>	<b>2,500</b>	<b>2,500</b>	<b>230</b>	<b>573,800</b>
	2017	2,500	2,500	243	608,200
<b>Misc. Livestock*</b>	<b>2018</b>				<b>4,962,600</b>
	2017				3,577,200
<b>Total</b>	<b>2018</b>				<b>\$32,808,400</b>
	2017				\$34,459,900

\*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 (Pooled)	2018	486,306	\$15.55	\$7,562,100
	2017*	506,975	—	8,846,400
Animal Fiber**	2018			40,000
	2017			31,000
Eggs	2018			2,693,200
	2017			2,612,600
Total	2018			\$10,295,300
	2017			\$11,533,000

\*Combines market and manufactured milk products for 2017. Market milk 504,642 @ \$17.98. Manufactured milk 2,333 @ \$18.43.

\*\*Animal Fiber: Includes Wool & Alpaca Fiber

## Pasture and Range

	Year	Acres	Value/Acre	Total Value
Irrigated Pasture	2018	18,500	225	\$4,162,500
	2017	18,600	225	\$4,185,000
Range	2018	916,500	12.50	11,456,300
	2017	917,700	12.50	11,471,300
Stubble*	2018	7,152	8.75	62,600
	2017	4,415	8.75	38,600
Total	2018			\$15,681,400
	2017			\$15,694,900

\*Includes Rice, Barley & Wheat



## Apiary Products and Services

	Year	Colonies	Value/Colony	Total Value
Pollination	2018	26,401	\$187	\$4,937,000
	2017	24,777	177	4,385,500
Apiary Products*	2018			15,948,100
	2017			14,482,900
Total	2018			\$20,885,100
	2017			\$18,868,400

\*Honey, Queens, Wax, & Package Bees

## Timber Products

	Year	Harvested Board Feet	Total Value
Timber Products	2018	37,101,000	\$8,605,099
	2017	45,786,000	\$7,919,700

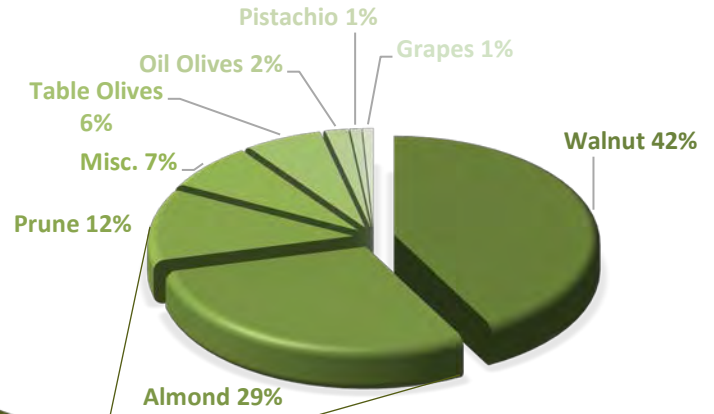
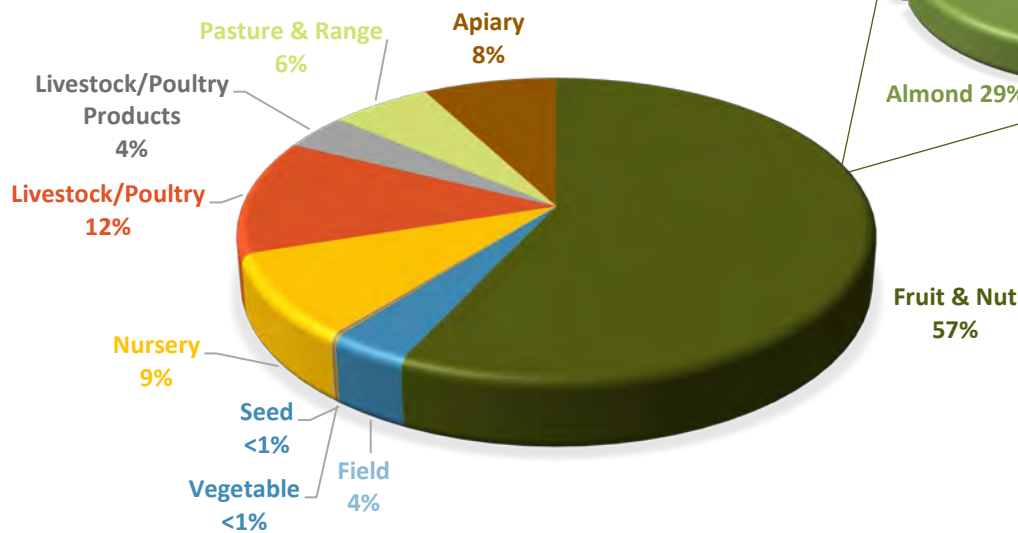


## Summary

**\$265,630,300**

**2018 Total Crop Value**

**30% decrease from 2017**



Commodity	2016	2017	2018	2017-2018 % Change
Fruit & Nut Crops	\$224,237,300	\$269,352,500	\$151,581,100	-44%
Field Crops	8,617,900	7,587,900	9,637,300	27%
Seed Crops	442,400	426,000	313,800	-26%
Vegetable Crops	523,100	499,100	357,500	-28%
Nursery Products	18,185,500	23,292,700	24,070,400	3%
Livestock & Poultry	33,772,400	34,459,900	32,808,400	-5%
Livestock & Poultry Products	11,772,900	11,533,000	10,295,300	-11%
Pasture & Range	15,808,800	15,694,900	15,681,400	0%
Apiary Products & Services	21,892,100	18,868,400	20,885,100	11%
<b>Total</b>	<b>\$335,252,400</b>	<b>\$381,714,400</b>	<b>\$265,630,300</b>	<b>-30%</b>

## A Glimpse into the Past

Commodity	2008 Total Sold	2018 Total Sold	2008 Value	2018 Value
<b>Almonds</b>	7,117 tons (8,786 acres)	<b>9,772 tons (12,370 acres)</b>	\$19,869,700	<b>\$43,839,600</b>
<b>Olives (Table)</b>	11,576 tons (5,265 acres)	<b>8,179 tons (4,811 acres)</b>	\$10,546,100	<b>\$9,522,200</b>
<b>Olives (Oil)</b>	—	<b>4,131 tons (2,889 acres)</b>	*	<b>\$2,846,500</b>
<b>Prunes</b>	17,054 tons (8,527 acres)	<b>8,516 tons (5,257 acres)</b>	\$24,967,100	<b>\$17,535,500</b>
<b>Walnuts</b>	31,821 tons (16,748 acres)	<b>47,656 tons (25,082 acres)</b>	\$35,162,400	<b>\$63,877,100</b>
<b>Grapes</b>	329 tons (219 acres)	<b>728 tons (141 acres)</b>	\$354,100	<b>\$1,338,000</b>
<b>Pistachio</b>	253 tons (181 acres)	<b>335 tons (368 acres)</b>	\$4,100	<b>\$1,400,600</b>
<b>Wheat</b>	2,332 tons (1,014 acres)	<b>9,281 tons (3,245 acres)</b>	\$496,800	<b>\$1,670,900</b>
<b>Corn</b>	10,948 tons (1,610 acres)	<b>3,018 tons (563 acres)</b>	\$1,894,000	<b>\$438,800</b>
<b>Alfalfa</b>	24,307 tons (3,798 acres)	<b>10,905 tons (1,720 acres)</b>	\$4,521,100	<b>\$2,213,700</b>
<b>Grain Hay</b>	10,467 tons (4,551 acres)	<b>11,048 tons (3,960 acres)</b>	\$1,570,100	<b>\$1,804,700</b>
<b>Corn Silage</b>	13,900 (500 acres)	<b>14,210 tons (534 acres)</b>	\$667,200	<b>\$547,500</b>
<b>Vegetable Crops</b>	100 acres	*	\$250,000	<b>\$357,500</b>
<b>Seed Crops</b>	482 acres	<b>523 acres</b>	\$354,500	<b>\$313,800</b>
<b>Nursery Products</b>	—	—	\$2,865,300	<b>\$24,070,400</b>
<b>Dairy Cattle</b>	—	—	\$2,024,100	<b>\$1,613,000</b>
<b>Beef Cattle</b>	32,487 head	<b>40,508 head</b>	\$12,577,800	<b>\$25,659,000</b>
<b>Dairy Products</b>	885,536 (cwt)	<b>486,306 (cwt)</b>	\$15,655,900	<b>\$7,562,100</b>
<b>Meat Goats</b>	—	<b>2,500 head</b>	*	<b>\$573,800</b>
<b>Year Total**</b>			\$159,119,200	<b>\$265,630,300</b>

\* No correlating values between 2008 and 2018

\*\* Totals will not add to above values listed



# 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 2018, 108 shipments of agricultural products were inspected for compliance with quarantine requirements, which resulted in no live detections. These included 77 border station hold notices (008), 20 glassy-winged sharpshooter interior hold notices (blue tags), and 31 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  
126 traps deployed  
No detections



Light Brown Apple Moth  
70 traps deployed  
No detections



European Grapevine Moth  
15 traps deployed  
No detections



Asian Citrus Psyllid  
114 traps deployed  
No detections



Mediterranean Fruit Fly  
45 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 2018, two noxious weeds were under eradication and six species were under limited control treatment.

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### Eradication Species

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Dalmatian Toad-Flax



Spotted Knapweed



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### Limited-Control Species

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Whitehorse Nettle



Perennial Peppergrass



Oblong Spurge



Heart-podded Hoarygrass



Courtesy Joseph DiTomaso

Skeleton Weed



Canada Thistle



Courtesy Joseph DiTomaso

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# Organic Farming and Direct Marketing

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## Organic Farming

Twenty-nine organic growers registered in Tehama County in 2018. Organically farmed land totaled 56,359 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.



## Certified Farmer's Markets (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 34 Certified Producer Certificates in 2018.

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### *2018 Certified Farmer's Markets*

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

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

#### **Saturday Market by the River**

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

#### **Corning Thursday Night Farmer's Market**

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

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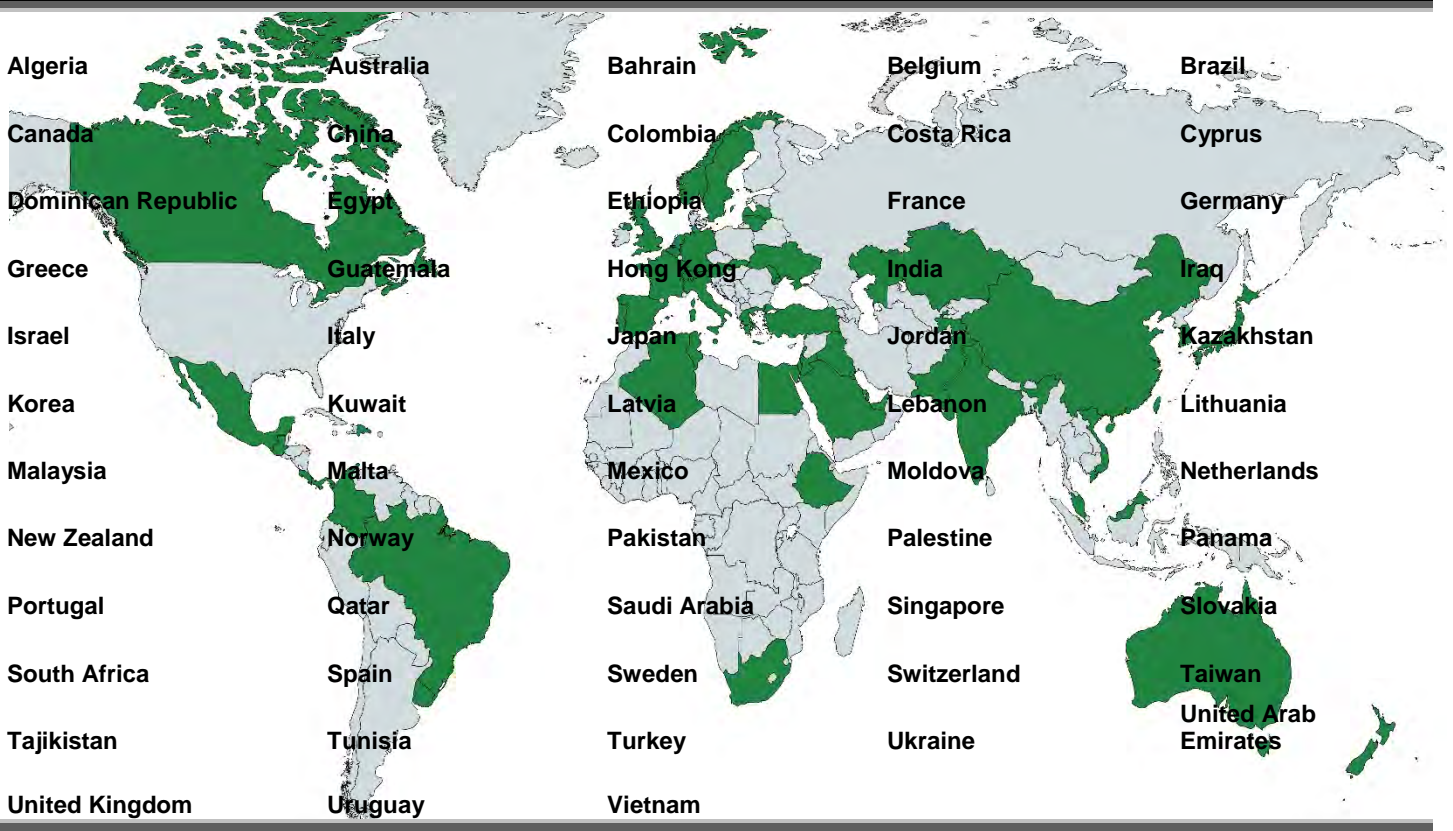
# Tehama County Exports

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.

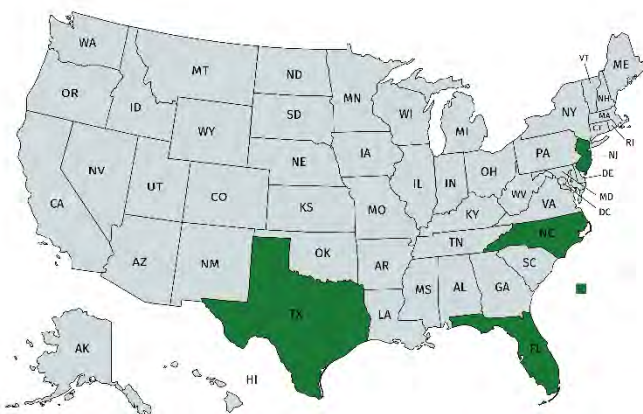
## USDA Phytosanitary Certificates Issued: 1,810

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

### Importing Countries



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## State Phytosanitary Certificates Issued: 21

State Exports: Strawberry Plants, Bamboo, Olive Trees

Importing States:  
Florida, New Jersey, North Carolina, Texas

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# Tehama County Board of Supervisors

District 1	Steve Chamblin, Chairman
District 2	Candy Carlson
District 3	Dennis Garton
District 4	Bob Williams
District 5	Burt Bundy, Vice-Chairman

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Photographs provided by Loren Gehrung, Ryan Knight, Thomas Moss, and Heather Kelly



*Tehama County  
Department of Agriculture  
would like to thank all the contributors to the  
2018 Crop Report.*



*Thank You!  
Your support is much appreciated.*



Tehama County—2018 Annual Crop Report

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