





# COUNTY OF TEHAMA DEPARTMENT OF AGRICULTURE

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

It is my pleasure to present the 2020 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 2020 was \$263,897,000, which represents a decrease of 12% (\$36,952,200) from the previous year. Walnuts remained Tehama County's top crop with an overall value of \$72,393,600.

The top five highest value agricultural crops for Tehama County in 2020 were:

- 1. Walnuts \$72,393,600
- 2. Almonds \$51,699,100
- 3. Beef Cattle \$25,416,000
- 4. Apiary Products & Services \$17,900,900
- 5. Nursery Products \$16,953,600

Commodities that increased in value in 2020 include Almonds (26%), due to overall yield, Apiary Products (14%), due to an increase in colony numbers and price and Nursery Products (65%), due to an established Grape Stock Nursery business relocating to Tehama County. Crops that decreased in value include Beef Cattle (2%) and Walnuts (18%) due to a decrease in price.

We chose to spotlight the Tehama County Youth in Agriculture focusing on 4-H and FFA programs as our 2020 Crop Report theme.

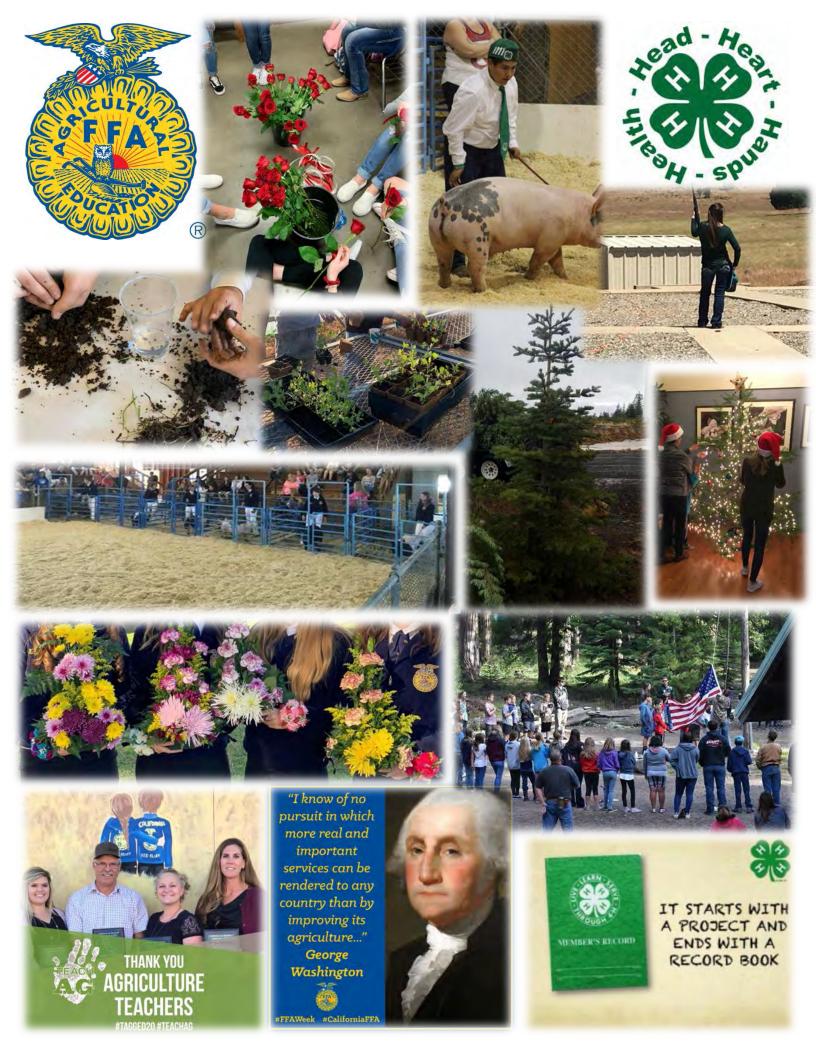
My sincere appreciation is extended to the growers, processors, government agencies, and others that provided information used in preparing this report, as this publication would not be possible without their combined efforts.

I wish to thank my staff that assisted in compiling this report with special recognition to Kim Smith 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)	2020	15,768	0.94	14,822	\$3,488	\$51,699,100
	2019	13,300	0.61	8,113	5,044	40,922,800
Olives, Table	2020	4,377	2.29	10,023	1,143	11,456,300
	2019	4,333	7.19	31,154	948	29,535,500
Olives, Oil	2020	4,177	2.08	8,688	741	6,433,700
	2019	3,738	4.92	18,392	852	15,675,900
Prunes	2020	5,055	1.64	8,290	1,694	14,043,300
	2019	5,195	2.27	11,793	1,974	23,281,900
Walnuts (in shell)	2020	27,849	2.11	58,761	1,232	72,393,600
	2019	26,147	1.60	41,835	2,104	88,039,200
Grapes	2020	138	4.23	584	1,804	1,053,500
	2019	162	3.36	544	1,604	872,800
Miscellaneous*	2020					11,297,000
	2019					8,267,500
Total	2020					\$168,376,500
	2019					\$207,804,700

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





# Field Crops

Crop	Year	Harvested Acres	Yield (tons/acre)	Total Tons	Value/Ton	Total Value
Wheat	2020	1,837	3.19	5,860	\$180	\$1,051,900
	2019	2,216	2.37	5,251	169	887,400
Corn	2020	621	6.74	4,186	173	725,400
	2019	689	5.01	3,452	153	526,400
Alfalfa Hay	2020	1,240	6.84	8,482	203	1,725,700
	2019	1,592	7.00	11,147	211	2,352,000
Grain Hay	2020	1,895	1.60	3,032	171	518,700
	2019	2,321	2.37	5,501	160	880,200
Miscellaneous*	2020					1,899,800
	2019					2,759,300
Total	2020					\$5,921,500
	2019					\$7,405,300

\*Misc.: Barley (field and malt), Beans, Cotton, Hops, Lavender, Organic Rice, Pasture Hay, Rye Grass, Safflower, Sudan Grass Hay, Sorghum, Sorghum Milo, Corn Silage, Grass Silage, Hay (other), Triticale, Rice, Wild Rice.





# **Seed Crops**

	Year	Harvested Acres	Total Value
Miscellaneous*	2020	157	\$235,400
	2019	198	\$646,000

<sup>\*</sup>Includes certified sunflowers

# Vegetable Crops

	Year	Harvested Acres	Total Value
Misc. Vegetables*	2020	133	\$331,300
	2019	118	\$293,800

<sup>\*</sup>Includes certified farmer's markets and roadside stands

# **Nursery Products**

	Year	Total Value
Nursery*	2020	\$16,953,600
	2019	\$10,264,000

<sup>\*</sup>Includes bamboo, berries, grapevines, and bedding plants





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# Livestock and Poultry

	Year	Number of Head Sold	Total Live Weight (cwt)	Value/cwt	Total Value
Calves	2020	5,155	28,302	\$125	\$3,537,800
	2019	5,257	28,862	172	4,970,400
Feeders	2020	12,029	84,202	141	11,872,500
	2019	12,267	85,868	128	10,982,500
Feedlot	2020	20,304	36,141	151	5,457,300
	2019	20,704	36,853	146	5,380,500
Registered Stock	2020	283			1,651,800
	2019	413			1,592,500
Cows & Bulls	2020	3,120	43,888	66	2,896,600
	2019	3,392	44,732	69	3,071,900
Dairy Cattle	2020				1,627,300
	2019				1,612,982
Meat Goats	2020	2,500	2,500	250	625,000
	2019	2,355	2,355	137	322,600
Misc. Livestock*	2020				2,379,200
	2019				2,505,200
Total	2020				\$30,047,500
	2019				\$30,438,600

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





# Livestock and Poultry Products

	Year	Production	Value	Total Value
Milk	2020	390,000 cwt	\$19.60/cwt	\$7,644,000
	2019*	580,357 cwt	18.73/cwt	10,881,700
Animal Fiber**	2020	2,000 hd	2.10/lb	42,000
	2019	2,000 hd	2.00/lb	40,000
Eggs	2020			2,667,700
	2019			1,847,200
Total	2020			\$10,353,700
	2019			\$12,768,900

# Pasture and Range

	Year	Acres	Value/Acre	Total Value
Irrigated Pasture	2020	17,600	\$225	\$3,960,000
9	2019	17,800	225	4,005,000
Range	2020	914,000	10.70	9,779,800
	2019	914,800	12.50	11,435,000
Stubble*	2020	4,208	8.75	36,800
	2019	6,111	8.75	53,500
Total	2020			\$13,776,600
	2019			\$15,492,800

<sup>\*</sup>Includes Rice, Sudan, Barley & Wheat

<sup>\*</sup>Source: Federal Marketing Order \*\*Animal Fiber: Includes Wool & Alpaca Fiber



## **Apiary Products and Services**

	Year	Colonies	Value/Colony	Total Value
Pollination	2020	32,614	\$192	\$6,261,900
	2019	28,270	187	5,286,500
Apiary Products*	2020			11,639,000
	2019			10,448,600
Total	2020			\$17,900,900
	2019			\$15,735,100

<sup>\*</sup>Includes Honey, Queens, Wax, & Package Bees

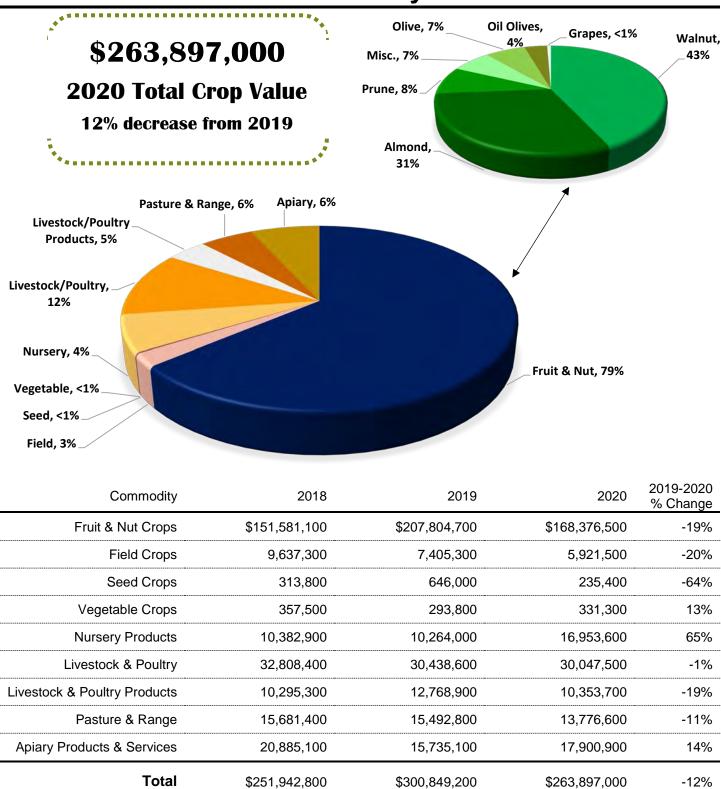


## **Timber Products**

	Year	Harvested Board Feet	Total Value
Timber Products	2020	52,207,000	\$9,241,401
	2019*	25,604,000	\$5,283,745

<sup>\*</sup>Revised 2019 numbers with current data provided by National Agricultural Statistics Service

### Summary



# A Glimpse into the Past

Commodity	2010 Total Sold	2020 Total Sold	2010 Value	2020 Value
Almonds	8,105 tons (9,884 acres)	14,822 tons (15,768 acres)	\$24,760,800	\$51,699,100
Olives (Table)	34,133 tons (6,759 acres)	10,023 tons (4,377 acres)	\$24,439,200	\$11,456,300
Olives (Oil)	C SWIDE BURES	8,688 tons (4,177 acres)	*	\$6,433,700
Prunes	18,698 tons (8,310 acres)	8,290 tons (5,055 acres)	\$23,671,700	\$14,043,300
Walnuts	41,218 tons (18,821 acres)	58,761 tons (27,849 acres)	\$80,581,200	\$72,393,600
Grapes	1,073 tons (172 acres)	584 tons (138 acres)	\$909,900	\$1,053,500
Wheat	4,476 tons (1,963 acres)	5,860 tons (1,837 acres)	\$778,800	\$1,051,900
Corn	7,467 tons (1,324 acres)	4,186 tons (621 acres)	\$1,217,100	\$725,400
Alfalfa	17,335 tons (3,052 acres)	8,482 tons (1,240 acres)	\$1,941,500	\$1,725,700
Grain Hay	16,270 tons (4,140 acres)	3,032 tons (1,895 acres)	\$1,138,900	\$518,700
Vegetable Crops	//////////////////////////////////////	*	*	\$331,300
Seed Crops		157 acres	*	\$235,400
Nursery Products			\$2,931,200	\$16,953,600
Dairy Cattle	LAGRESSON STOR		\$3,106,300	\$1,627,300
Beef Cattle	ik indeed —	35,736 head	\$13,839,700	\$25,416,000
Dairy Products		390,000 (cwt)	\$15,258,200	\$7,644,000
Meat Goats		2,500 head		\$625,000
Year Total**			\$227,571,200	\$213,933,800

<sup>\*</sup> No correlating values between 2010 and 2020 \*\* 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 2020, 148 shipments of agricultural products were inspected for compliance with quarantine requirements, which resulted in no live detections. These included 57 border station hold notices (008), 56 glassy-winged sharpshooter interior hold notices (blue tags), and 35 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. Additional traps were added to our rural routes in 2020.



Glassy-winged Sharpshooter 125 traps deployed No detections



Light Brown Apple Moth 98 traps deployed No detections



European Grapevine Moth 16 traps deployed No detections



Asian Citrus Psyllid 116 traps deployed No detections



Mediterranean Fruit Fly 62 traps deployed No detections



Oriental Fruit Fly 23 traps deployed No detections



Melon Fly 18 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 2020, two noxious weeds were under eradication and six species were under limited control treatment.

#### **Eradication Species**

Canada Thistle Cirsium arvense



Spotted Knapweed Centaurea stoebe



#### **Limited-Control Species**

Whitehorse Nettle Solanum elaeagnifolium



Perennial Peppercress Lepidium latifolium



Oblong Spurge Euphorbia oblongata



Heart-podded Hoarycress Lepidium draba



Skeleton Weed Chondrilla juncea



Dalmatian Toad-Flax Linaria dalmatica



### **Organic Farming and Direct Marketing**

#### **Organic Farming**

Thirty organic growers registered in Tehama County in 2020. Organically farmed land totaled 69,560 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 31 Certified Producer Certificates in 2020.

#### 2020 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.

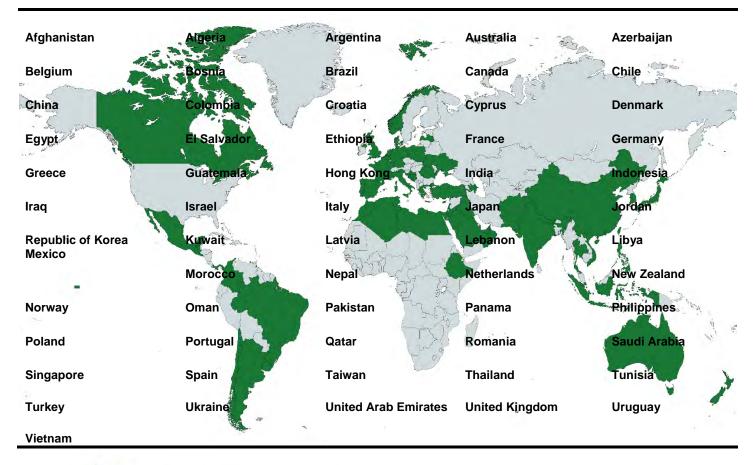
### **Tehama County Exports**

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: 2,138**

Global Exports: Almonds, Figs, Lumber, Pecans, Prunes, Strawberry Plants, Walnuts, Walnut Shells, & Wine Grape Plants.

#### **Importing Countries**





#### **State Phytosanitary Certificates Issued: 41**

State Exports: Strawberry Plants, Olive Trees, and Grapevines

Importing States:

Florida, North Carolina, Idaho, Michigan, Louisiana, Washington, Oregon, and New York.

### Weights and Measures

California consumers have received protection from the use of false weights and measures since 1915 when the state's legislature established that each county shall have a Sealer of Weights and Measures. Sealers annually perform thousands of inspections on various commercial devices, check packages for net content, review weighmaster records for accuracy, provide training and education to businesses and individuals, in addition to any number of other activities designed to assure "Equity in the Marketplace."

#### **2020 Commercial Devices Inspected**

#### Measuring Devices

Utilities (Electric, Vapor, Water)	2,636
Liquified Gas Meters	35
Motor Fuel Meters	1,074
Miscellaneous Meters	25

#### Weighing Devices

Computing/Counter Scales	186
Dormant/Platform Scales	66
Hanging Scales	17
Livestock & Animal Scales	29
Monorail & Meat Beam Scales	6
Prescription/Jeweler/Grading Scales	22
Vehicle Scales	44



Other weights and measures programs that Tehama County implements include Petroleum Inspections, Quantity Control, Price Verification, and Weighmaster. We also investigate complaints we receive regarding the various weights and measures programs.



# Tehama County Board of Supervisors

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**Steve Chamblin** 

**District 2** 

Candy Carlson, Vice-Chair

**District 3** 

**Dennis Garton, Chairman** 

**District 4** 

**Bob Williams** 

District 5

John Leach

# Department of Agriculture/ Weights and Measures Staff

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Photographs provided by Richard Borchard, Loren Gehrung, Heather Kelly, Ryan Knight, Shelley Macdonald, Juan Rodriguez, Kim Smith, Maria Vieyra, Bowman 4-H, Corning EFA, Red Bluff FFA, Tehama County 4-H Office.

# Tehama County Department of Agriculture

would like to thank all the contributors to the

2020 Crop Report.



Your support is much appreciated.





Tehama County—2020 Annual Crop Report http://www.co.tehama.ca.us/