

2005
Tehama County
Crop Report





1856—2006

COUNTY OF TEHAMA

Department of Agriculture/Weights and Measures

1760 Walnut Street · P.O. Box 38 · Red Bluff, California 96080

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To: A.G. Kawamura
California Department of
Food and Agriculture

and

The Honorable Board of Supervisors
Tehama County

I am pleased to submit the 2005 Agricultural Crop Report. As required by 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 2005 was \$172,466,100, a new record and a 25% increase over 2004 values. This increase is attributed to increased yields and higher prices for many commodities.

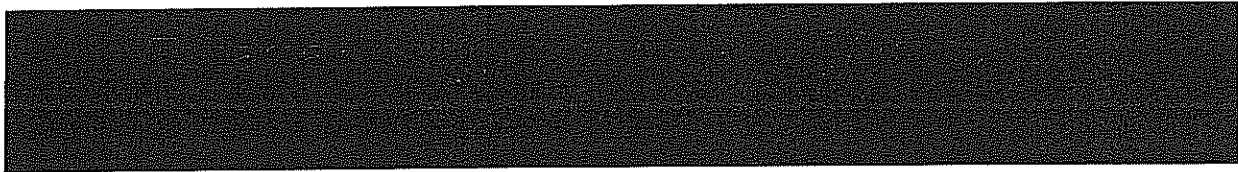
Orchard crops once again led the rise in value with 30.5 million dollars over 2004. Increased bearing acreage, yields and price per ton for almonds and walnuts accounted for much of this rise. Almond values were 93% over 2004 figures, walnuts maintained their lead as the county's top crop with an increase of 25%. Prunes rebounded from the disastrous 2004 season to post a 106% increase, although yields were still well below historical averages.

Field crops and livestock values were mostly unchanged from 2004; yield and value changes largely offset each other. Pollination and queen bee value increased significantly, causing total value to nearly double from 2004.

My sincere thanks goes out to the growers, processors, government agencies and others that provided information used in compiling this report; their cooperation is invaluable. I extend my appreciation to the entire Agricultural Department staff, as this publication would not be possible without their combined efforts. I would also like to thank Doug Compton, Assistant Commissioner for his work in developing this report, with special thanks to Marcie Skelton, Agriculture Biologist, for her work and dedication with this year's report.

Respectfully,

Rick J. Gurrola
Agricultural Commissioner



Tehama County Board of Supervisors

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George Russell	Supervisor - District 2
Charles Willard	Supervisor - District 3
Ross Turner	Supervisor - District 4
Ron Warner	Supervisor - District 5, Chairperson

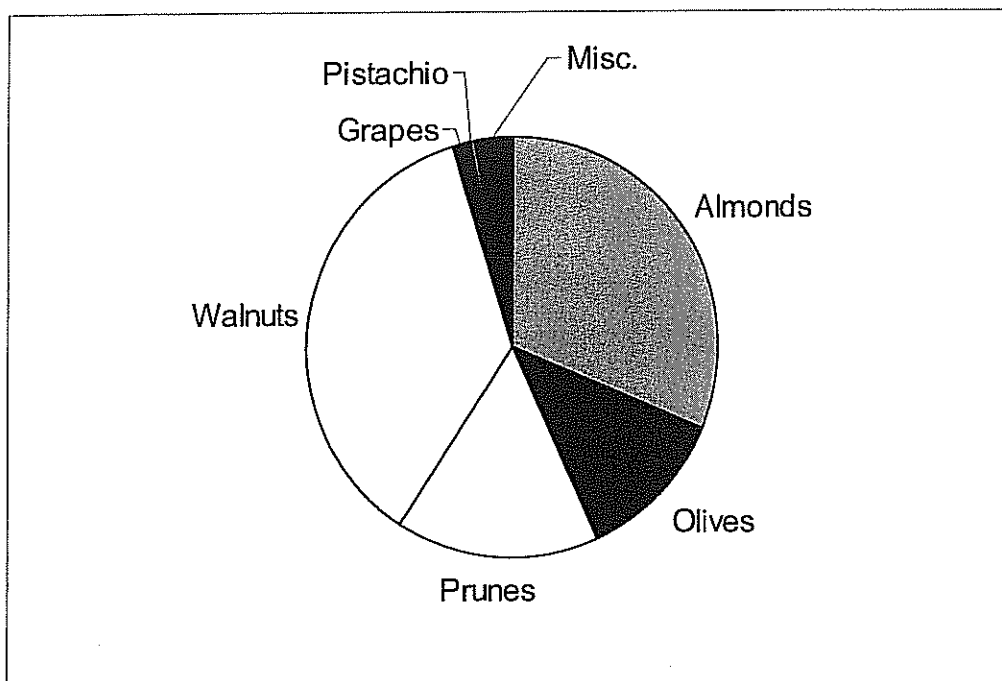
Agriculture Department

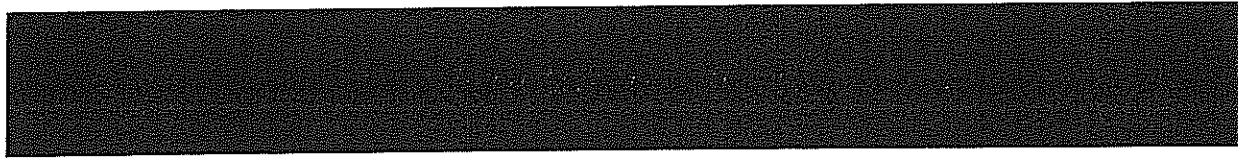
Rick J. Gurrola	Agricultural Commissioner & Sealer of Weights and Measures
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Douglas Compton	Assistant Agricultural Commissioner/Sealer
Doni Rulofson	Deputy Agricultural Commissioner/Sealer
David Stoffel	Agriculture Biologist/Weights & Measures Specialist
Barbara Paz	Agriculture Biologist/Weights & Measures Specialist
Ryan Jennings	Agriculture Biologist/Weights & Measures Specialist
Marcie Skelton	Agriculture Biologist/Weights & Measures Specialist
Mike Bowles	Agriculture Biologist/Weights & Measures Specialist
Juan Rodriguez	Pest Control Worker
David Eder	Pest Control Worker

Product	Year	Bearing Acreage	Production/Acre (tons)	Total Tons	Value/Ton	Total Value
Almond (meats)	2005	7,426	.80	5,940	\$5,650	\$33,561,000
	2004	6,536	.66	4,314	\$4,028	\$17,376,800
Olives	2005	5,616	4.0	22,464	\$570	\$12,804,500
	2004	5,656	5.0	28,280	\$520	\$14,705,600
Prunes	2005	8,327	1.5	12,490	\$1,350	\$16,861,500
	2004	8,561	.75	6,421	\$1,274	\$8,180,300
Walnuts	2005	15,587	1.75	27,277	\$1,411	\$38,487,800
	2004	14,051	1.69	23,746	\$1,300	\$30,869,800
Grapes	2005	203	7.7	1,563	\$952	\$1,488,000
	2004	203	5.5	1,117	\$874	\$976,300
Pistachio	2005	196	.49	96	\$3,293	\$316,100
	2004	152	1.2	182	\$2,270	\$413,100
Misc.*	2005					\$3,227,900
	2004					\$3,721,300

*Includes: black walnuts, pecans, citrus, figs, almond hulls, cherries, kiwi, apricots, apples, peaches, & walnut shells.

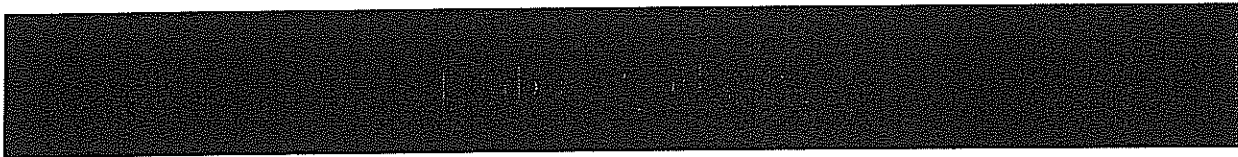
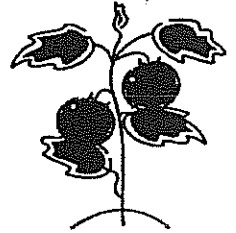
Total 2005 \$106,746,800
2004 \$76,243,200



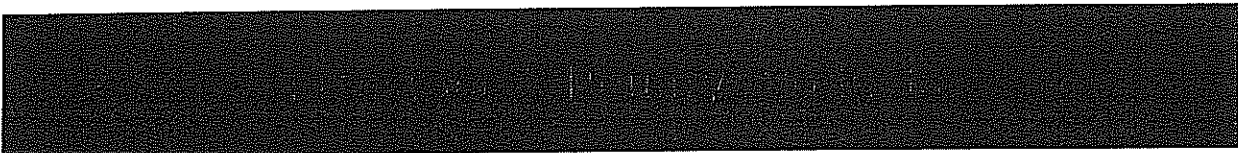


	<u>Year</u>	<u>Acres</u>	<u>Value</u>
Misc.	2005	50	\$170,000
Vegetables*	2004	50	\$170,000

* Includes farmer's market & road side stands



	<u>Year</u>	<u>Harvested Board Feet</u>	<u>Total Value</u>
	2005	65,095,000	\$18,071,990
	2004	28,612,000	\$7,782,600

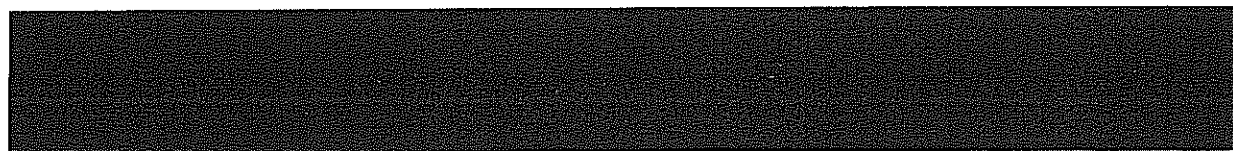


	<u>Year</u>	<u>Total Production</u>	<u>Value/ Unit</u>	<u>Total Unit</u>	<u>Value</u>
Milk (Market)	2005	560,991	cwt.	\$14.20	\$7,966,000
	2004	664,554	cwt.	\$15.04	\$9,994,900
Milk (Mfg.)	2005	589,809	cwt.	\$14.78	\$8,717,400
	2004	287,143	cwt.	\$15.20	\$4,364,600
Wool	2005	40,000	lbs.	\$.40	\$16,000
	2004	47,200	lbs.	\$.38	\$17,900
Misc.*	2005				\$7,000
	2004				\$7,000

*Includes poultry products



Total	2005	\$16,706,400
	2004	\$14,384,400



	<u>Year</u>	<u>Harvested Acres</u>	<u>Value/ Acre</u>	<u>Total Value</u>
Irrigated	2005	22,000	\$127	\$2,794,000
	2004	22,000	\$127	\$2,794,000
Range	2005	930,000	\$9	\$8,370,000
	2004	930,000	\$9	\$8,370,000
Stubble	2005	5,000	\$7	\$35,000
	2004	5,000	\$7	\$35,000
			Total	2005 2004
				\$11,199,000 \$11,199,000



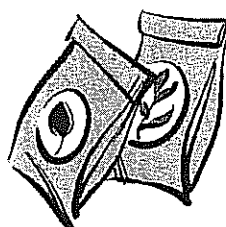
	<u>Year</u>	<u>Production (colonies)</u>	<u>Value/Colony</u>	<u>Total Value</u>
Pollination	2005	14,852	\$85	\$1,262,400
	2004	13,072	\$53	\$692,800
Apiary Products*	2005			\$1,745,000
	2004			\$972,200
			Total	2005 2004
				\$3,007,400 \$1,665,000

*Includes Honey, Queens, & Package Bees



	<u>Year</u>	<u>Harvested Acreage</u>	<u>Total Value</u>
Misc.*	2005	514	\$620,000
	2004	532	\$546,900

* Includes sunflowers, beans, melons, squash, watermelons, pumpkins, & cucumbers

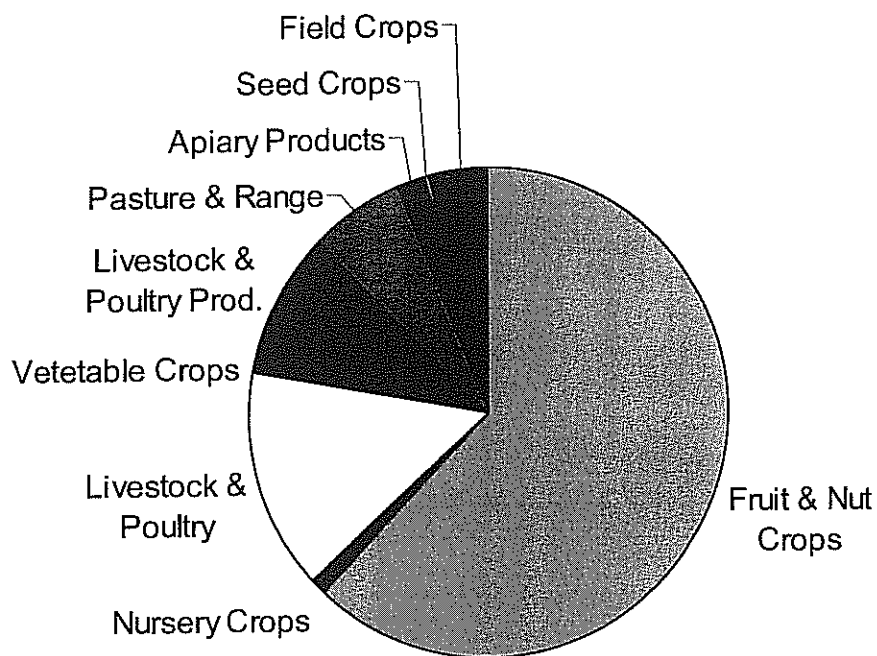


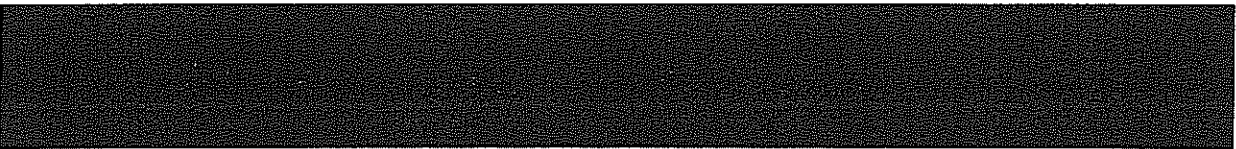


	Year	Harvested Acreage	Production/ Acre (tons)	Total Tons	Value/ Ton	Total Value
Wheat	2005	1,751	2	3,502	\$103	\$360,700
	2004	1,692	2.3	3,892	\$98	\$381,400
Corn	2005	1,728	5	8,640	\$97	\$838,000
	2004	1,982	6.8	13,478	\$84	\$1,132,200
Alfalfa, hay	2005	3,639	6.1	22,198	\$109	\$2,419,600
	2004	3,928	5.5	21,604	\$94	\$2,030,800
Grain, hay (Oats)	2005	4,869	2.3	11,199	\$79	\$884,700
	2004	4,904	2.2	10,789	\$80	\$863,100
Hay, other	2005	1,530	2.4	3,672	\$66	\$242,400
	2004	1,500	2.5	3,750	\$65	\$243,800
Silage, corn	2005	700	31	21,700	\$29	\$629,300
	2004	1,000	30	30,000	\$22	\$660,000
Rice	2005	800	3.5	2,800	\$234	\$655,200
	2004	1,145	4.05	4,658	\$200	\$927,400
Misc.	2005					\$738,900
	2004					\$682,500
Total					2005	\$6,768,800
					2004	\$6,921,200



	2001	2002	2003	2004	2005
Fruit & Nut Crops	\$58,525,470	\$71,377,000	\$68,112,790	\$76,243,200	\$106,746,800
Nursery Crops	\$1,991,000	\$2,102,000	\$1,600,000	\$1,413,500	\$1,787,000
Livestock & Poultry	\$24,205,560	\$21,500,000	\$21,808,520	\$25,815,200	\$25,460,700
Vegetable Crops	\$ 162,240	\$ 160,000	\$160,000	\$170,000	\$170,000
Livestock & Poultry Prod.	\$15,475,120	\$12,147,300	\$13,797,500	\$14,384,400	\$16,706,400
Pasture & Range	\$8,965,000	\$9,295,000	\$10,225,000	\$11,199,000	\$11,199,000
Apiary Products	\$1,173,000	\$3,009,630	\$2,921,800	\$1,665,000	\$3,007,400
Seed Crops	\$ 640,630	\$593,360	\$542,770	\$546,900	\$620,000
Field Crops	\$6,813,050	\$6,187,770	\$5,970,320	\$6,921,200	\$6,768,800
Totals	<u>\$117,951,070</u>	<u>\$126,372,130</u>	<u>\$125,138,700</u>	<u>\$138,358,400</u>	<u>\$172,466,100</u>





In accordance with Section 2272 of the California Food and Agriculture Code, this Crop Report includes a brief account of those efforts, which are being made to exclude or eradicate exotic pest; and to best manage those which already exist, in a manner most conducive to the protection of our environment. Four "A" rated noxious weeds, of limited distribution, at 5 sites were under eradication by both chemical and mechanical means. The "A" rated plants include Frogbit, Skeleton Weed, Dalmatian Toad-flax, and Spotted Knapweed. Several "B" and "C" rated weeds were under eradication or control throughout the county. During 2005, 69 high-risk shipments were inspected for compliance with quarantine requirements, five of these shipments were rejected. Eight hundred twenty six various shipments were certified for export to countries around the world.

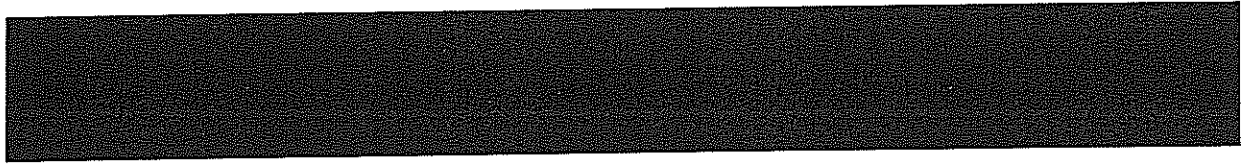
Yellow Starthistle (YST) continues to be one of the most invasive and noxious weeds in Tehama County. Four bio-control insects have been released in recent years and are generally distributed. In 2005, the plant pathogen, *Puccinia jaceae* var. *solstitialis*, commonly known as Yellow Starthistle Rust, was again released. This bio-control is a fungus that attacks the green area of the plant. The rust has established in those locations in Tehama County, the spread of it is being monitored and additional test plots are planned for 2006.

Pest detection trapping for Medfly, Oriental Fruit Fly, Melon Fly, Japanese Beetle, and Gypsy Moth consisted of 352 traps being deployed, resulting in no finds. Two hundred thirty Glassy winged Sharpshooter (GWSS) traps were placed in Tehama County, 249 nursery shipments were inspections were conducted as well as county wide surveying. A single GWSS egg mass was found and treated according to protocol.

There were 21 registered organic growers in Tehama County in 2005, consisting of both local Farmer's Market producers and large-scale orchard and field crop growers.

Commodity	1955 Totals	1955 Value	2005 Totals	2005 Value
Almonds	1,609 ac	\$707,000	7,426 ac	\$33,561,000
Apricots	79 ac	\$25,000	13 ac	\$62,952
Olives	3,209 ac	\$1,325,000	5,616 ac	\$12,790,800
Prunes	1,924 ac	\$730,000	8,327 ac	\$16,861,500
Peaches	587 ac	\$212,000	35 ac	\$304,200
Walnuts	1,544 ac	\$687,000	15,587 ac	\$38,487,800
Grapes	75 ac	\$6,100	147 ac	\$1,488,000
Corn	2360 ac	\$286,500	1,728 ac	\$838,000
Apple		*	30 ac	\$82,980
Pistachio		*	196 ac	\$316,128
Rice		*	800 ac	\$655,200
Watermelon	138 ac	\$105,000		*
Alfalfa	8,000 ac	\$1,296,000	3,639 ac	\$2,420,600
Other Hay	4,400 ac	\$174,500	1,530 ac	\$242,400
Straw	1,845 tons	\$22,000		*
Sugar Beets	248 ac	\$79,000		*
Grains	37,000 ac	\$977,000	1,751 ac	\$360,700
Milo	1,860 ac	\$105,000		*
Safflower	1,000 ac	\$51,800	1814 ac	\$56,400
Ladino Clover (seed)	1,776 ac	\$304,000		*
Sudan (seed)	568 ac	\$18,500		*
Peas (seed)	250 ac	\$10,000		*
Nursery Stock		1,463,900		\$1,787,000
Honey	36 tons	\$8,000	300 tons	\$900,000
Bees Wax	3,200 lbs	\$1,600		*
Package Bees	12,400 pkgs.	\$42,000	15,000 pkgs	\$645,000
Queen Bees	11,650	\$10,500	20,000	\$200,000
Dairy Cattle	7,100 hd	\$316,000	1,650 hd	\$2,937,000
Beef Cattle	34,800 hd	\$2,337,000	21,399 hd	\$14,636,800
Dairy Products	1,684,000 lbs	\$1,500,000	1,150,800 lbs	\$16,683,449
Goats		*	2000 hd	\$100,000
Sheep & Lambs	81,175 hd	\$1,435,000	5000 hd	\$465,000
Hogs	26,400 hd	\$433,000	900 hd	\$81,300
Chickens	297,500 birds	\$270,000		\$25,000
Chicken Eggs	673,000 dz	\$269,000		*
Turkeys	80,200 birds	\$480,500		*
Turkey Hatching Eggs	178,800 eggs	\$49,200		*
Aquaculture		*	657 tons	\$3,148,700

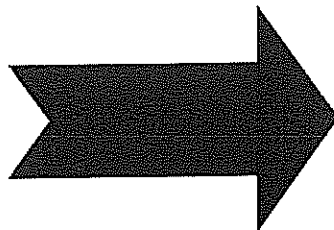
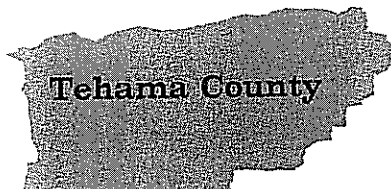
* No corresponding values between 1955 and 2005.



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The first recorded expedition into Tehama County was that of Captain Luis Arguello in 1821. He was followed by a stream of trappers, traders, and immigrants traveling the California–Oregon Trail and its cutoffs. In 1843, Peter Lassen became the region's first settler, his ranch marking the end of the Lassen Trail.

Tehama County was organized as a county April 9, 1856. The first meeting of the supervisors of Tehama County was held in the town of Tehama on May 17, 1856. The Supervisors were A.G. Toomes, J.G. Doll and Lewis Crosby. Pursuant to an election held on May 5, 1857, under authority of an Act of the Legislature of the State of California, approved February 14, 1857, the county seat of Tehama County was moved from the town of Tehama to the town of Red Bluff.

It is not certain whether or not the name Tehama is of Native American origin, although a tribe of Native Americans by this name is mentioned in reports of the early 1850's. Suggested possible roots are Arabic word Tehama, "hot lowlands" or the Mexican word tejamanil, "shingle".

Situated 120 miles north of Sacramento, Tehama County covers 2,976 square miles. Tehama County has highly contrasting geographical features, from the lush riparian habitat along the Sacramento River to the majestic mountains surrounding the area. Elevations within the county range from 341 feet to 8,200 feet.

The County of Tehama has a predominantly agricultural based economy; with almonds, walnuts, olives, and dried plum with lead acreage. Good pasture and rangeland allow Tehama County to hold a key role in the cattle industry in northern California.

Excerpts from the California Blue Book and the Pictorial History of Tehama County Court House.

