

2010 CROP and LIVESTOCK REPORT



TUOLUMNE COUNTY



County of Tuolumne

Vicki Helmar

**Agricultural Commissioner • Weights & Measures
Animal Control • Air Pollution Control**

*Agricultural Commissioner
Director of Weights & Measures
Director of Animal Control
Air Pollution Control Officer*

To: Karen Ross, Secretary
California Department of Food and Agriculture

The Honorable Board of Supervisors, County of Tuolumne

John L. Gray, Chairperson, Fourth District
Elizabeth E. Bass, Chairperson, First District
Randy Hanvelt, Second District
Evan Royce, Third District
Richard H. Pland, Fifth District

Craig L. Pedro, County Administrative Officer

I am pleased to submit, in accordance with Section 2279 of the California Food and Agriculture Code, Tuolumne County's Annual Crop and Livestock Report for 2010. This report provides a statistical description of Tuolumne County's agricultural production. The figures contained in this report represent gross values of agricultural commodities and do not reflect production costs or net returns to growers.

The value of agricultural commodities produced in Tuolumne County in 2010 is estimated at \$21,876,000. This represents an 8.2% increase from last year's production value of \$20,215,000. Most categories experienced increases in production values. However, two areas, timber production and nursery products, continued to decline in value due to the ongoing depressed economy. Highlights of the 2010 crop year include:

- The largest increase, \$1.8 million, was seen in Livestock. Cattle and calves, sheep and lambs, turkeys, goats and broilers all rose in value due to higher prices and /or greater production.
- After three years of drought, the above average rainfall in the spring of 2010 resulted in one of the highest production years on record for rangeland forage. This record production contributed to the 22% jump in Field Crop values.
- Additional acres of tree and vine crops and the growing demand for locally produced vegetables led to the rise of Fruit and Vegetable values despite negative weather and market conditions for the County's grape and olive crops. Freezing temperatures and snow in late November damaged 50% of the olive crop just as harvest had begun and saturated inventories of wine coupled with cooler, wetter early fall weather resulted in some grapes not being harvested.

I wish to express my appreciation to the agricultural producers, organizations, and public agencies that have cooperated in providing data for this report. I would also like to express sincere thanks to my staff, especially Drew Raymond who compiled the report.

Respectfully submitted,

A handwritten signature in cursive script that reads "Vicki Helmar".

Vicki Helmar
Agricultural Commissioner

TUOLUMNE COUNTY DEPARTMENT OF AGRICULTURE

2010 ANNUAL CROP REPORT

TUOLUMNE COUNTY BOARD OF SUPERVISORS

JOHN L. GRAY, CHAIRPERSON	FOURTH DISTRICT
ELIZABETH BASS	FIRST DISTRICT
RANDY HANVELT	SECOND DISTRICT
EVAN ROYCE	THIRD DISTRICT
RICHARD H. PLAND	FIFTH DISTRICT

COUNTY ADMINISTRATIVE OFFICER

CRAIG PEDRO

OFFICE PERSONNEL

VICKI HELMAR	AGRICULTURAL COMMISSIONER
PAUL V. RAINEY	SENIOR AGRICULTURAL BIOLOGIST
DREW RAYMOND	AGRICULTURAL BIOLOGIST I
ROBERTA SHIELDS	DEPARTMENT SUPPORT TECHNICIAN
BRIAN DIXON	AGRICULTURAL FIELD ASSISTANT
RON ANDERSON	WILDLIFE SERVICES TECHNICIAN

Cover photo: Apples from Cedar Ridge Orchard

FRUIT AND VEGETABLES

	YEAR	ACRES	YEAR	TOTAL
TREE AND VINE CROPS	2010	256	2010	\$406,000
	2009	230	2009	\$382,000
VEGETABLE CROPS	2010	15	2010	\$153,000
	2009	17	2009	\$137,000
TOTAL	2010	269	2010	\$559,000
	2009	247	2009	\$519,000

FIELD CROPS

CROP	YEAR	ACREAGE	PER ACRE	TOTAL	UNIT	\$/UNIT	TOTAL
HAY ¹	2010	300	2.3	690	TON	\$ 96.00	\$66,000
	2009	300	2.5	750	TON	\$104.00	\$78,000
IRRIGATED PASTURE	2010	1,420			ACRE	\$130.00	\$185,000
	2009	1,420			ACRE	\$130.00	\$185,000
RANGELAND	2010	200,000			ACRE	\$ 16.35	\$3,270,000
	2009	200,000			ACRE	\$ 13.10	\$2,620,000
TOTAL	2010						\$3,521,000
	2009						\$2,883,000

APIARY AND NURSERY

ITEM	YEAR		TOTAL
APIARY PRODUCTS	2010	Includes honey, pollen, bees wax, and pollination fees	\$63,000
	2009		\$63,000
NURSERY PRODUCTS	2010	Includes Christmas trees	\$257,000
	2009		\$285,000
TOTAL APIARY AND NURSERY PRODUCTS	2010		\$320,000
	2009		\$348,000

¹ Most of the hay is used on the farms where it is produced.
Numbers May Not Compute Exactly Due To Rounding.

LIVESTOCK

ITEM		NUMBER OF HEAD	TOTAL WEIGHT	UNIT	\$/UNIT	TOTAL
CATTLE AND CALVES						
CALVES	2010	7,610	56,314	CWT	\$104.10	\$ 5,862,000
	2009	7,340	55,050	CWT	\$ 85.90	\$ 4,729,000
SLAUGHTER CATTLE	2010	180	2,299	CWT	\$ 65.70	\$ 151,000
	2009	490	5,341	CWT	\$ 43.70	\$ 233,000
TOTAL CATTLE	2010					\$ 6,013,000
	2009					\$ 4,962,000
SHEEP AND LAMBS	2010	1,220	1,465	CWT	\$ 113.70	\$ 167,000
	2009	1,443	1,804	CWT	\$ 82.54	\$ 149,000
OTHER LIVESTOCK AND POULTRY	2010					\$ 8,801,000
	2009					\$ 8,069,000
TOTAL	2010					\$14,981,000
	2009					\$13,180,000



LIVESTOCK AND POULTRY PRODUCTS

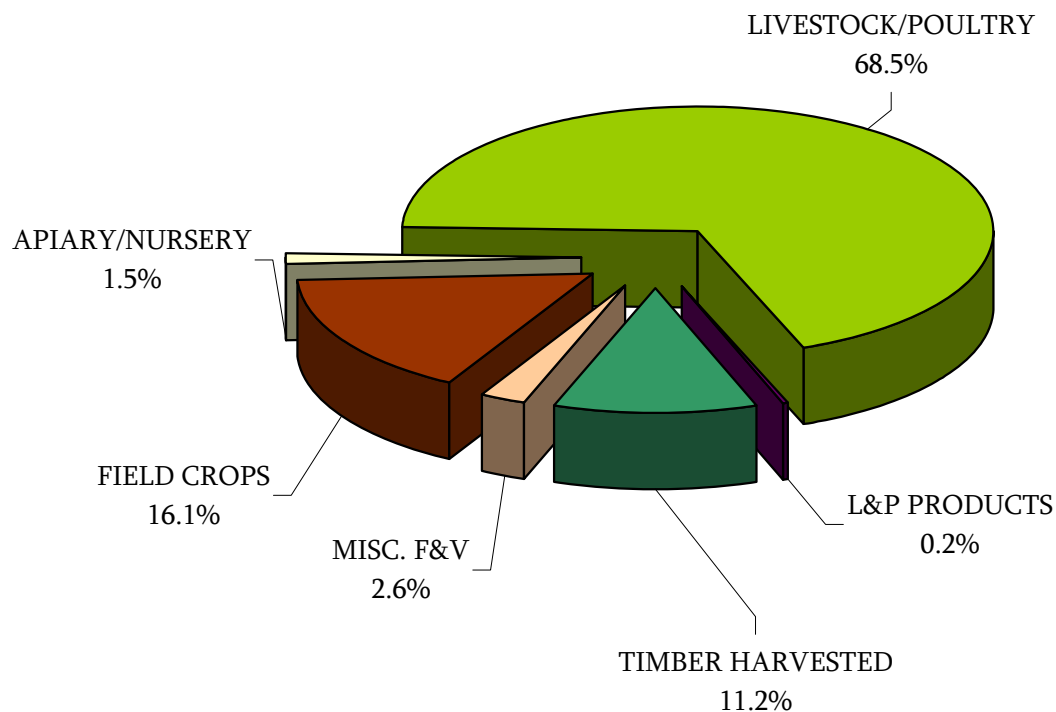
ITEM	YEAR	TOTAL
MISCELLANEOUS PRODUCTS ²	2010	\$50,000
	2009	\$39,000

² wool, eggs, hides, manure
Numbers May Not Compute Exactly Due To Rounding.

TIMBER

	YEAR	BOARD FEET	UNIT ³	\$/UNIT	TOTAL
PUBLIC AND PRIVATE FOREST ⁴	2010	23,596	KBF	\$ 48.95	\$ 1,155,000
	2009	29,976	KBF	\$ 61.26	\$ 1,836,000
FUEL WOOD ⁵	2010				\$ 1,290,000
	2009				\$ 1,410,000
TOTAL	2010				\$ 2,445,000
	2009				\$ 3,246,000

PERCENTAGE OF TOTAL AGRICULTURAL PRODUCTION



³ KBF=Thousand Board Feet

⁴ preliminary – as reported by the state Board of Equalization

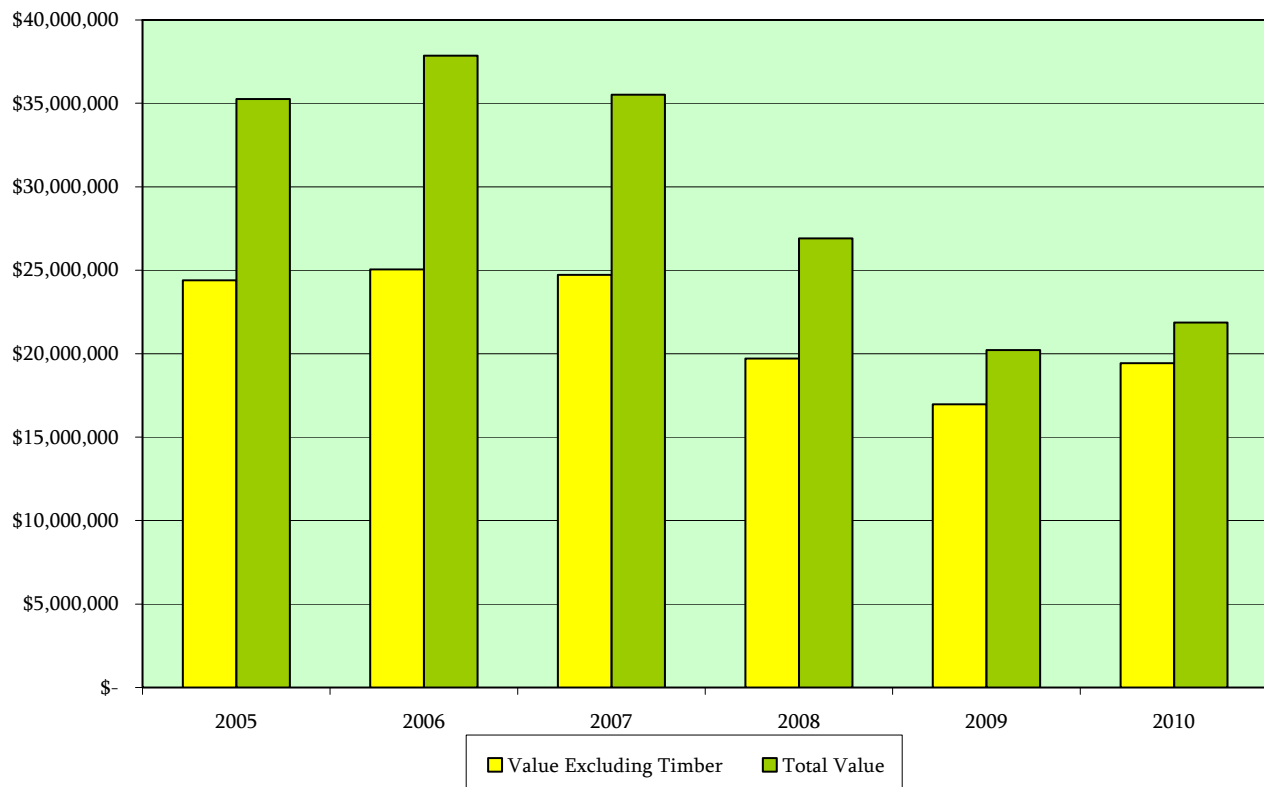
⁵ market value

Numbers May Not Compute Exactly Due To Rounding.

SUMMARY

	2010	2009
MISCELLANEOUS FRUIT AND VEGETABLES	\$ 559,000	\$ 519,000
FIELD CROPS	\$ 3,521,000	\$ 2,883,000
APIARY AND NURSERY PRODUCTS	\$ 320,000	\$ 348,000
LIVESTOCK AND POULTRY	\$ 14,981,000	\$ 13,180,000
LIVESTOCK AND POULTRY PRODUCTS	\$ 50,000	\$ 39,000
SUBTOTAL	\$ 19,431,000	\$ 16,969,000
TIMBER HARVESTED	\$ 2,445,000	\$ 3,246,000
TOTAL	\$ 21,876,000	\$ 20,215,000

Comparison of Agricultural Values



ANNUAL SUSTAINABLE AGRICULTURE REPORT

PEST EXCLUSION

<u>PEST</u>	<u>PATHWAY</u>	<u>SHIPMENTS</u>	
		<u>INSPECTED</u>	<u>REJECTED</u>
Exotic Pests	Incoming Plant Material, Household Goods via Truck	31	0
Glassy-Winged Sharpshooter	Incoming Plant Material via Truck	109	0

PEST DETECTION: Tuolumne County maintains the following Pest Detection Traps

Glassy Winged Sharpshooter	112	Japanese Beetle	19
Gypsy Moth	209	Light Brown Apple Moth	96
Mediterranean Fruit Fly (Champ Traps)	10	European Grapevine Moth	14

PEST ERADICATION

<u>PEST</u>	<u>MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
Spotted Knapweed	Mechanical control	4 sites
	Chemical control	4 sites
Diffuse Knapweed	Mechanical control	1 site
Oblong Spurge	Chemical control	8 sites
Dyer's Woad	Mechanical control	1 site
Skeletonweed	Chemical control	4 sites
Canada Thistle	Chemical control	2 sites
Smooth Distaff Thistle	Chemical Control	20 sites
White Horsenettle	Chemical control	1 site
Perennial Pepperweed	Chemical control	4 sites
Iberian Starthistle	Chemical control	2 sites



Dyer's Woad



Perennial Pepperweed

BIOLOGICAL CONTROL PROGRAMS

<u>PEST</u>	<u>AGENT</u>	<u>SCOPE OF PROGRAM</u>
Yellow Starthistle	Seed Head Weevil, <i>Bangasternus orientalis</i> Seed Head Gall Fly, <i>Urophora sirunasev</i> Hairy Weevil, <i>Eustenopus villosus</i> Peacock Fly, <i>Chaetorellia australis</i>	countywide countywide countywide countywide
Grapeleaf Skeletonizer	Parasitic Wasp, <i>Apanteles harrisinae</i> Parasitic Wasp, <i>Ametadoria missella</i>	Tuolumne City Tuolumne City
Klamath Weed	Klamath Weed Beetle, <i>Chrysolina gemellata</i>	countywide
Italian Thistle	Seed Head Weevil, <i>Rhinocyllus conicus</i>	countywide
Ash Whitefly	Parasitic Wasp, <i>Encarsia partenopea</i>	countywide
Puncture Vine	Stem Weevil, <i>Microlainus lypriformis</i> Seed Head Weevil, <i>Microlainus larenyii</i>	countywide countywide
Red Gum Lerp Psyllid	Parasitic Wasp, <i>Psyllaephagus bliteus</i>	Don Pedro



YST hairy weevil (*Eustenopus villosus*)

ORGANIC PROGRAM

REGISTERED ORGANIC PRODUCERS ⁶	7	TOTAL ACREAGE	175
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⁶ Includes turkeys, fruit, eggs, vegetables, and nursery products

TUOLUMNE COUNTY GENERAL INFORMATION

COUNTY SEAT	SONORA	
POPULATION (2010 U.S. Census)	55,365	
LAND AREA (ACRES)	1,415,781	
Federally owned	U.S. Forest Service	605,803
	Yosemite National Park	435,847
	Bureau of Land Management	47,352
	New Melones Reservoir	9,906
	Total	1,098,908
State and Local Government	2,866	
Other Government (Water Use)	12,511	
Restricted use private lands		
	Timber Preserve Zone	83,978
	Land Conservation Agreement (Williamson Act)	110,857
	Total	194,835
Private land subject to development	106,661	
RAILROADS	SIERRA RAILROAD	
MAJOR ROADS	STATE HIGHWAY 49, STATE HIGHWAY 108, STATE HIGHWAY 120	
MAJOR PASSES	SONORA PASS (9,628 FEET), TIOGA PASS (9,941 FEET)	
HIGHEST POINT	MOUNT LYELL (13,114 FEET)	
MAJOR RIVERS	TUOLUMNE RIVER, STANISLAUS RIVER	

CERTIFIED FARMERS' MARKETS

SONORA: Saturdays, Theall and Stewart Streets, Sonora

TUOLUMNE VILLAGE MARKET: Wednesdays, Tuolumne Veterans Memorial Park

TWAIN HARTE VILLAGE MARKET: Fridays, Eproson Park, Twain Harte