

2011  
CROP and LIVESTOCK REPORT



TUOLUMNE COUNTY



# County of Tuolumne

**Vicki Helmar**

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

Richard H. Pland, Chairperson, Fifth District  
Elizabeth E. Bass, Chairperson, First District  
Randy Hanvelt, Second District  
Evan Royce, Third District  
John L. Gray, Fourth 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 2011. 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 2011 is estimated at \$29,238,000. This represents a 33.6% increase from last year's production value of \$21,876,000. Most categories experienced increases in production values. However, fruit and vegetable production and nursery products declined in value due to the cold wet weather conditions in the spring of 2011. Highlights of the 2011 crop year include:

- The largest increase, \$5.2 million, was seen in Timber. After posting the lowest production values on record in 2010, timber receipts for public and private forest land improved 464%. Both an increase in the price and the number of board feet harvested contributed to the jump in Timber values.
- Livestock and poultry production experienced another strong year. Cattle and calves, sheep and lambs, turkeys, goats and broilers all rose in value due to higher prices and /or greater production.
- The long wet spring of 2011 resulted in the highest production year on record for rangeland forage. This record production resulted in a \$680,000 increase in Field Crop values.
- However, the long cold, wet spring had a negative impact to our fruit and vegetable production. Vegetable crops were planted late impacting overall yields and the duration of harvest seasons. Peaches, nectarines, apples, and pears suffered substantial losses due to the lack of pollination, and grape yields and quality were affected by the cooler wet weather.

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,

*Vicki Helmar*

Vicki Helmar  
Agricultural Commissioner

# TUOLUMNE COUNTY DEPARTMENT OF AGRICULTURE

## 2011 ANNUAL CROP REPORT

### TUOLUMNE COUNTY BOARD OF SUPERVISORS

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

## FRUIT AND VEGETABLES

	YEAR	ACRES	YEAR	TOTAL
TREE AND VINE CROPS	2011	253	2011	\$269,000
	2010	256	2010	\$406,000
VEGETABLE CROPS	2011	14	2011	\$131,000
	2010	15	2010	\$153,000
TOTAL	2011	267	2011	\$400,000
	2010	271	2010	\$559,000

## FIELD CROPS

CROP	YEAR	ACREAGE	PER ACRE	TOTAL	UNIT	\$/UNIT	TOTAL
HAY <sup>1</sup>	2011	300	2.3	690	TON	\$130.00	\$90,000
	2010	300	2.3	690	TON	\$ 96.00	\$66,000
IRRIGATED PASTURE	2011	1,420			ACRE	\$130.00	\$185,000
	2010	1,420			ACRE	\$130.00	\$185,000
RANGELAND	2011	200,000			ACRE	\$ 19.65	\$3,930,000
	2010	200,000			ACRE	\$ 16.35	\$3,270,000
TOTAL	2011						\$4,204,000
	2010						\$3,521,000

## APIARY AND NURSERY

ITEM	YEAR		TOTAL
APIARY PRODUCTS	2011	Includes honey, pollen, bees wax, and pollination fees	\$75,000
	2010		\$63,000
NURSERY PRODUCTS	2011	Includes Christmas trees	\$244,000
	2010		\$257,000
TOTAL APIARY AND NURSERY PRODUCTS	2011		\$319,000
	2010		\$320,000

<sup>1</sup> 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	2011	7,750	57,350	CWT	\$117.00	\$ 6,710,000
	2010	7,610	56,314	CWT	\$104.10	\$ 5,862,000
SLAUGHTER CATTLE	2011	396	5,215	CWT	\$ 75.00	\$ 391,000
	2010	180	2,299	CWT	\$ 65.70	\$ 151,000
TOTAL CATTLE	2011					\$ 7,101,000
	2010					\$ 6,013,000
SHEEP AND LAMBS	2011	1,220	1,366	CWT	\$ 160.00	\$ 219,000
	2010	1,220	1,465	CWT	\$ 113.70	\$ 167,000
OTHER LIVESTOCK AND POULTRY	2011					\$ 9,243,000
	2010					\$ 8,801,000
<b>TOTAL</b>	2011					\$16,563,000
	2010					\$14,981,000



## LIVESTOCK AND POULTRY PRODUCTS

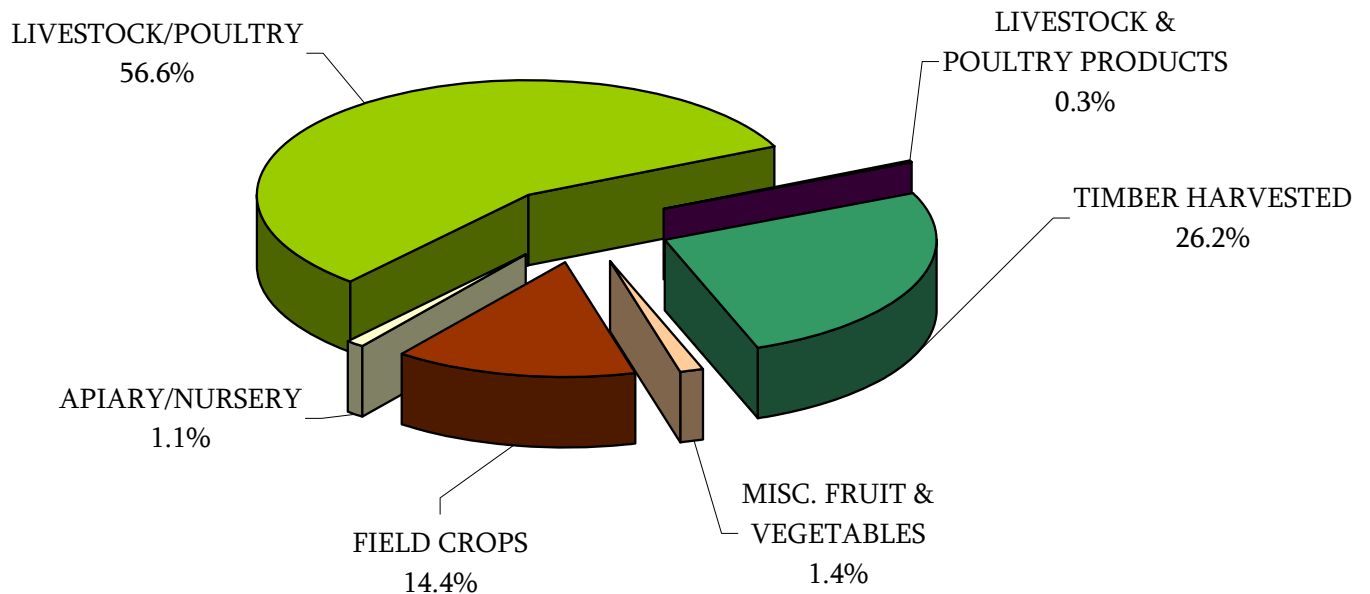
ITEM	YEAR	TOTAL
MISCELLANEOUS	2011	\$94,000
PRODUCTS <sup>2</sup>	2010	\$50,000

<sup>2</sup> wool, eggs, hides, manure  
Numbers May Not Compute Exactly Due To Rounding.

## TIMBER

	YEAR	BOARD FEET	UNIT <sup>3</sup>	\$/UNIT	TOTAL
PUBLIC AND PRIVATE FOREST <sup>4</sup>	2011	44,164	KBF	\$147.59	\$ 6,518,000
	2010	29,976	KBF	\$ 61.26	\$ 1,155,000
FUEL WOOD <sup>5</sup>	2011				\$ 1,140,000
	2010				\$ 1,290,000
TOTAL	2011				\$ 7,658,000
	2010				\$ 2,445,000

## PERCENTAGE OF TOTAL AGRICULTURAL PRODUCTION



<sup>3</sup> KBF=Thousand Board Feet

<sup>4</sup> preliminary – as reported by the state Board of Equalization

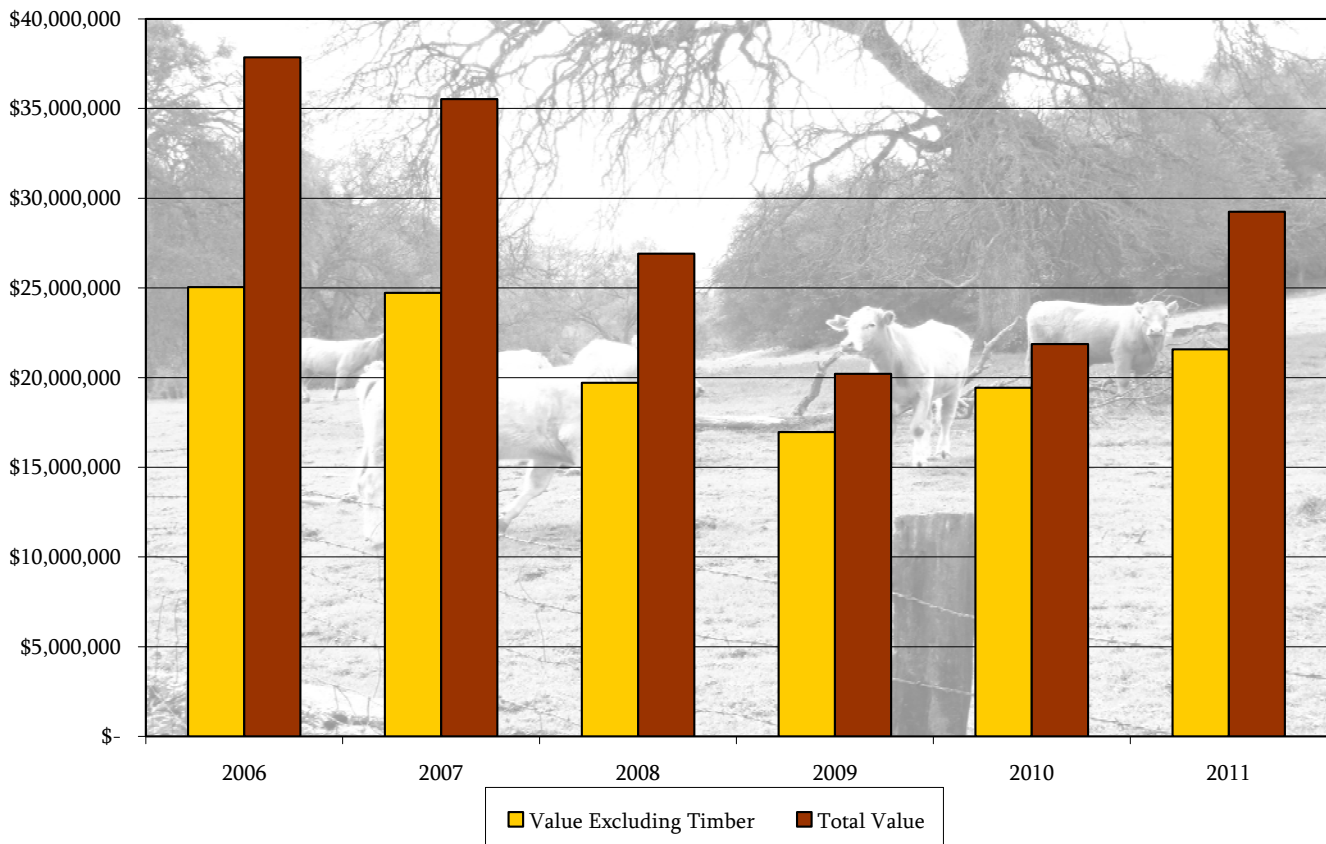
<sup>5</sup> market value

Numbers May Not Compute Exactly Due To Rounding.

## SUMMARY

	2011	2010
MISCELLANEOUS FRUIT AND VEGETABLES	\$ 400,000	\$ 559,000
FIELD CROPS	\$ 4,204,000	\$ 3,521,000
APIARY AND NURSERY PRODUCTS	\$ 319,000	\$ 320,000
LIVESTOCK AND POULTRY	\$ 16,563,000	\$ 14,981,000
LIVESTOCK AND POULTRY PRODUCTS	\$ 94,000	\$ 50,000
<b>SUBTOTAL</b>	<b>\$ 21,580,000</b>	<b>\$ 19,431,000</b>
TIMBER HARVESTED	\$ 7,658,000	\$ 2,445,000
<b>TOTAL</b>	<b>\$ 29,238,000</b>	<b>\$ 21,876,000</b>

## 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	28	0
Glassy-Winged Sharpshooter	Incoming Plant Material via Truck	110	0

## PEST DETECTION: Tuolumne County maintains the following Pest Detection Traps

Glassy Winged Sharpshooter	110	Japanese Beetle	19
Gypsy Moth	208	Light Brown Apple Moth	101
Mediterranean Fruit Fly (Champ Traps)	10	European Grapevine Moth	21

## 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

## ORGANIC PROGRAM

REGISTERED ORGANIC PRODUCERS<sup>6</sup>      6      TOTAL ACREAGE      170



<sup>6</sup> 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

