

AGRICULTURE:

the **Science, ART,**

AND

PRACTICE

of cultivating the soil



producing crops

and

raising livestock

2012 Tehama County Crop Report



AGRICULTURE

is the nation's

**LARGEST
EMPLOYER**

with more than **23**
[that's 17% of
the civilian
workforce] **MILLION
JOBS**

involved in some facet of
AMERICAN AGRICULTURE.

Source: National FFA Organization

Tehama County Department of Agriculture/Weights & Measures

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

It is my pleasure to present the 2012 Tehama County 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 2012 was \$294,999,100 a 20.1% increase from 2011 values and another new county record. Tehama County agriculture also realized its first 100 million dollar crop, with walnuts posting a value of \$103,415,100.

Orchard crop's top four commodities, walnuts, table olives, prunes and almonds, cumulatively accounted for 67% of the total agricultural production value. Walnuts increased 10.3% due to acreage and price increases. Table olives dramatically rebounded from last year's weather disaster and posted a 926.9% value increase. Almonds 19.8% increase is attributed to increased production and prices, while prune values decreased slightly because of both acreage and production reductions.

Other noteworthy changes include cattle values increasing 7.9% as strong prices continue to increase while milk values decreased 15.7% due to slight production and significant price decreases. Field crops increased 8.8% in value with wheat contributing a 67.9% increase and corn and alfalfa hay adding 38.5% and 29.6% increases respectively.

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 Marcie Skelton for the report's coordination and production.

Respectfully Submitted,

Original Signed

Rick Gurrola
Agricultural Commissioner

Tehama County Board of Supervisors

Steve Chamblin	Supervisor - District 1, Vice Chair
Sandy Bruce	Supervisor - District 2
Dennis Garton	Supervisor - District 3, Chair
Bob Williams	Supervisor - District 4
Burt Bundy	Supervisor - District 5

Agriculture Department

Rick Gurrola	Agricultural Commissioner & Sealer of Weights and Measures
Douglas Compton	Assistant Agricultural Commissioner/Sealer of Weights & Measures
Doni Rulofson	Deputy Agricultural Commissioner/Sealer of Weights & Measures
David Stoffel	Agricultural Biologist/Weights & Measures Specialist
Ryan Jennings	Agricultural Biologist/Weights & Measures Specialist
Marcie Skelton	Agricultural Biologist/Weights & Measures Specialist
Mike Bowles	Agricultural Biologist/Weights & Measures Specialist
Loren Gehrung	Agricultural Biologist/Weights & Measures Specialist
Juan Rodriguez	Agricultural/Weights & Measures Aide
Richard Borchard	Agricultural/Weights & Measures Aide
Vanessa Sciarretta	Office Manager
Jan Miller	Administrative Secretary III
Julie Benson	Office Assistant III

Fruit & Nut Crops

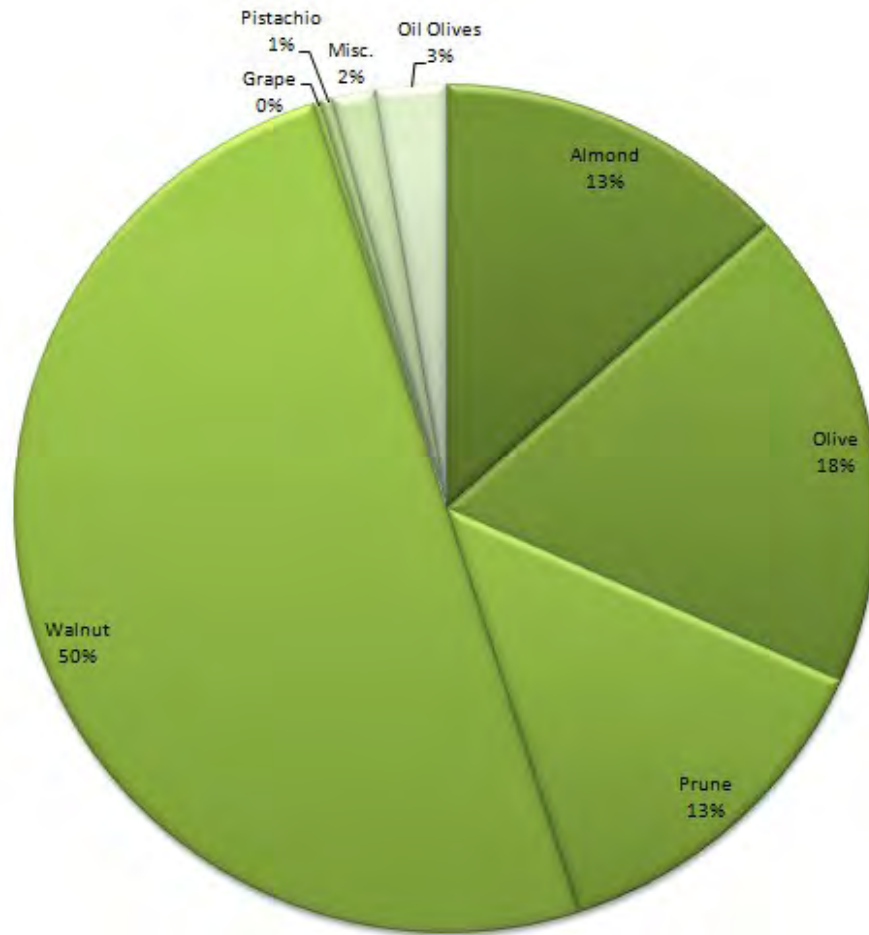
	Year	Bearing Acreage	Production/ Acre (tons)	Total Tons	Value/ Ton	Total Value
Almond (meats)	2012	9,396	0.75	7,047	\$3,926	\$27,666,500
	2011	9,399	0.69	6,485	\$3,562	\$23,099,600
Olive, Table	2012	6,365	6.10	38,827	\$976	\$37,895,200
	2011	6,365	0.55	3,501	\$1,054	\$3,690,100
Olive, Oil	2012	3,331	3.68	12,259	\$443	\$5,430,700
	2011	<i>(previously in miscellaneous category)</i>				
Prune	2012	8,014	2.48	19,875	\$1,389	\$27,606,400
	2011	8,310	2.66	22,105	\$1,346	\$29,753,300
Walnut	2012	21,753	1.72	37,415	\$2,764	\$103,415,100
	2011	19,204	2.02	38,792	\$2,418	\$93,799,100
Grape	2012	90	5.90	531	\$1,175	\$623,900
	2011	90	6.24	562	\$807	\$453,500
Pistachio	2012	175	1.20	210	\$4,336	\$910,600
	2011	181	1.95	353	\$4,500	\$1,588,500
Misc.*	2012					\$3,354,800
	2011					\$5,749,700

*Misc.: Pecans, Figs, Mandarins, Tangerines, Peaches, Black Walnuts, Almond Hulls, Cherries, Blueberries, Nectarines, Apricots, Apples, Walnut Shells, Oranges, Plums, Pears, Pomegranates, and Persimmons

Total 2012 \$206,903,200
2011 \$158,133,800



Fruit & Nut Crop Value



■ Almond ■ Olive ■ Prune ■ Walnut ■ Grape ■ Pistachio ■ Misc. ■ Oil Olives



Nursery Products

	Year	Total Value
Nursery*	2012	\$10,539,900
	2011	\$11,103,000

*Orchard and Christmas Trees, Berries, Bedding Plants, & Trees

Livestock & Poultry

	Year	Number of Head Sold	Total Live-Weight	Unit	Value/ Unit	Total Value
Calves	2012	4,692	25,759	cwt.	\$163	\$4,198,700
	2011	4,794	26,319	cwt.	\$154	\$4,053,100
Feeders	2012	10,948	76,636	cwt.	\$127	\$9,732,800
	2011	11,186	78,302	cwt.	\$121	\$9,474,500
Feedlot	2012	18,400	36,800	cwt.	\$135	\$4,968,000
	2011	18,880	37,600	cwt.	\$115	\$4,324,000
Cows & Bulls	2012	2,944	38,824	cwt.	\$81	\$3,144,700
	2011	3,008	39,668	cwt.	\$65	\$2,578,400
Dairy Cattle	2012					\$2,919,200
	2011					\$2,768,200
Sheep & Lambs	2012	4,750	4,750	cwt.	\$150	\$712,500
	2011	4,500	4,500	cwt.	\$106	\$477,000
Hogs & Pigs	2012	1,000	1,750	cwt.	\$61	\$106,800
	2011	1,000	1,750	cwt.	\$55	\$96,300
Misc. Livestock*	2012					\$2,573,400
	2011					\$2,128,700

*Misc.: Aquaculture, Meat Goats, Poultry, Rabbits, & Misc. Fowl



Total	2012	\$28,356,100
	2011	\$25,900,200

Vegetable Crops

	Year	Acres	Total Value
Misc.	2012	150	\$350,000
Vegetables*	2011	100	\$250,000



*Direct Sales, Farmer's Markets and Road Side Stands

Timber Products

	Year	Harvested Board Feet	Total Value
	2012	66,795,000	\$11,611,700
	2011	56,885,000	\$10,634,600

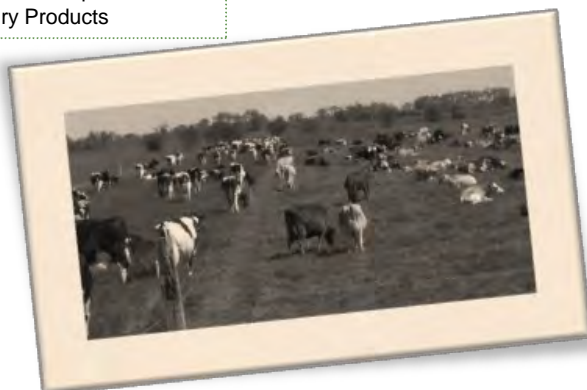
Livestock & Poultry Products

	Year	Production	Unit	Value/Unit	Total Value
Milk	2012	721,597	cwt.	\$17.00	\$12,267,100
(Market)	2011	749,258	cwt.	\$19.25	\$14,423,200
Milk	2012	46,529	cwt.	\$18.00	\$837,500
(Mfg.)	2011	60,521	cwt.	\$18.67	\$1,129,900
Animal Fiber*	2012				\$102,700
	2011				\$149,500
Misc.**	2012				\$130,000
	2011				\$75,000

*Animal Fiber: Includes Wool & Alpaca Fiber

**Misc: Eggs & Other Dairy Products

Total	2012	\$13,337,300
	2011	\$15,777,600



Pasture & Range

	Year	Harvested Acres	Value/Acre	Total Value
Irrigated	2012	22,000	\$144	\$3,168,000
	2011	22,000	\$102	\$2,244,000
Range	2012	923,000	\$12	\$11,076,000
	2011	924,000	\$12	\$11,088,000
Stubble	2012	5,671	\$7	\$39,700
	2011	5,364	\$7	\$37,500
Total				
	2012			\$14,283,700
	2011			\$13,369,500



Apiary Production

	Year	Production (colonies)	Value/Colony	Total Value
Pollination*	2012	18,792	\$166	\$3,119,500
	2011	18,798	\$174	\$3,270,900
Apiary** Products	2012			\$3,780,100
	2011			\$3,932,500
Total				
	2012			\$6,899,600
	2011			\$7,203,400

*Pollination: Colony value prorated to adjust for almond and all other pollination rates and their varying value

**Apiary Products: Honey, Queens, Wax, & Package Bees

Seed Crops

	Year	Harvested Acreage	Total Value
Misc.	2012*	170	\$284,700
	2011**	484	\$1,018,700

* 2012: Onions, Sunflowers, Squash, Cucumber, Watermelon, & Pumpkin

**2011: Onion, Sunflowers, Sorghum, Melon, Squash, Cucumber, Watermelon



Field Crops

	Year	Harvested Acreage	Production/ Acre (tons)	Total Tons	Value/ Ton	Total Value
Wheat	2012	2,875	2.6	7,475	\$232	\$1,734,200
	2011	2,091	2.41	5,039	\$205	\$1,033,000
Corn	2012	1,963	5.22	10,247	\$257	\$2,633,500
	2011	1,656	5.8	9,605	\$198	\$1,901,800
Alfalfa, hay	2012	2,358	7.0	16,506	\$199	\$3,284,700
	2011	1,892	6.29	11,901	\$213	\$2,534,900
Grain, hay (Oats)	2012	4,068	1.87	7,607	\$162	\$1,232,300
	2011	4,491	3.55	15,943	\$139	\$2,216,100
Hay, other	2012	2,000	3.7	7,400	\$162	\$1,198,800
	2011	2,000	3.23	6,460	\$134	\$865,600
Silage, corn	2012	745	28.50	21,233	\$38	\$806,900
	2011	481	28.32	13,622	\$39	\$531,300
Misc.*	2012					\$3,154,200
	2011					\$3,831,100

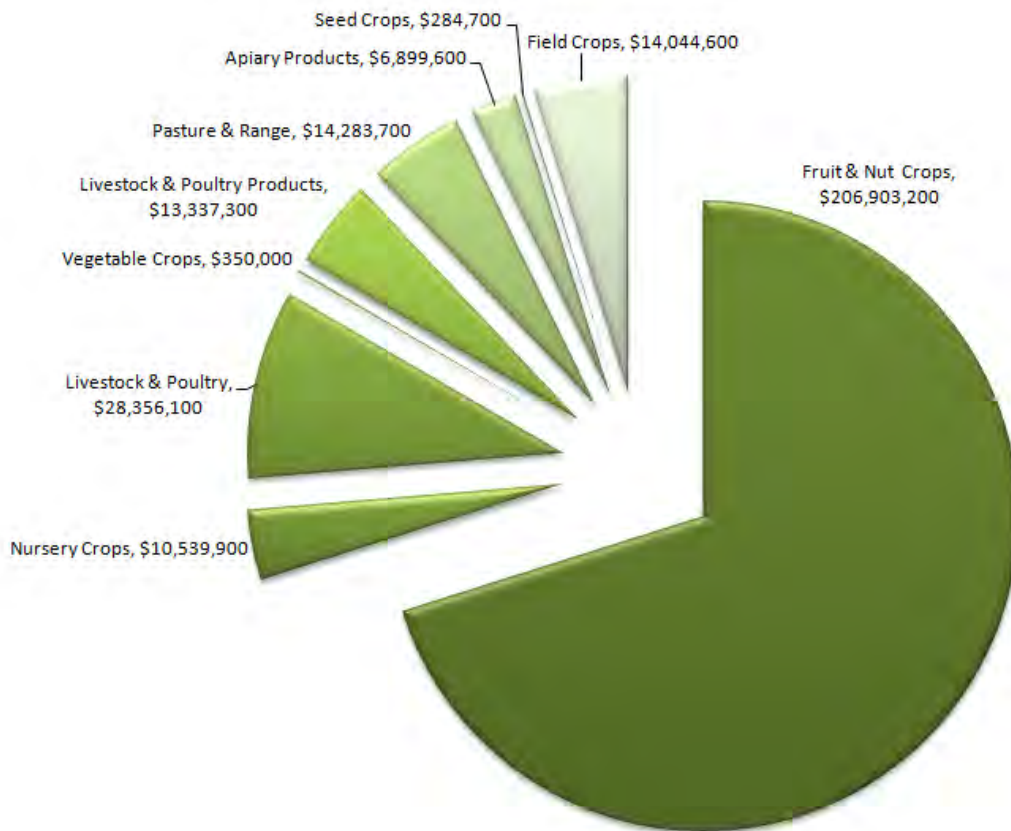
*Misc.: Safflower, Barley, Rye Grass, Beans, Sudan Grass Hay, Rice, & Organic Rice

Total 2012 \$14,044,600
2011 \$12,913,800



Comparison Summary

	2008	2009	2010	2011	2012
<u>Fruit & Nut Crops</u>	\$95,807,800	\$126,732,500	\$158,851,200	\$158,133,800	\$206,903,200
<u>Nursery Crops</u>	\$2,865,300	\$2,997,800	\$2,931,200	\$ 11,103,000	\$10,539,900
<u>Livestock & Poultry</u>	\$16,811,000	\$18,568,800*	\$23,109,900	\$25,900,200	\$28,356,100
<u>Vegetable Crops</u>	\$250,000	\$250,000	\$250,000	\$250,000	\$350,000
<u>Livestock & Poultry Prod.</u>	\$15,757,900	\$12,020,100	\$15,481,700	\$15,777,600	\$13,337,300
<u>Pasture & Range</u>	\$5,587,300	\$5,587,300	\$10,144,700	\$13,369,500	\$14,283,700
<u>Apiary Products</u>	\$7,243,800	\$7,350,900	\$7,052,900	\$7,203,400	\$6,899,600
<u>Seed Crops</u>	\$354,500	\$367,300	\$555,700	\$1,018,700	\$284,700
<u>Field Crops</u>	\$13,733,900	\$8,558,500	\$9,288,400	\$12,913,800	\$14,044,600
Totals	\$158,542,500	\$182,433,200	\$227,665,700	\$245,670,000	\$294,999,100



Annual Sustainable Ag Report

In accordance with Section 2272 of the California Food and Agriculture Code, this Crop Report includes a brief account of efforts, which are 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 our environment.

Tehama County land encompasses 1,904,640 acres, which are surveyed by our department for invasive noxious weeds of limited distribution. In 2012, three 'A' rated noxious weeds, of limited distribution were under eradication. The 'A' rated plants include Skeleton Weed, Dalmatian Toad-flax, and Spotted Knapweed. Limited control treatment of the 'B' rated Oblong Spurge, Whitehorse Nettle, Perennial Pepperweed, White Top, and Canada thistle also occurred in 2012.

During 2012, 78 high-risk shipments were inspected for compliance with quarantine requirements, none of the shipments were rejected. During the year, 2,347 various shipments were certified for export to countries around the world.

Pest detection trapping for Mediterranean Fruit Fly, Oriental Fruit Fly, Melon Fly, Japanese Beetle, and Gypsy Moth consisted of 317 traps being deployed, resulting in no finds. One hundred twenty-six Glassy Winged Sharpshooter traps were placed in Tehama County. One hundred fifty-five incoming nursery shipments from counties with Glassy Winged Sharpshooter and/or Light Brown Apple Moth were conducted, resulting in no finds. Tehama County continues to actively monitor for the Light Brown Apple Moth; in 2012 there were 73 traps deployed throughout the county with emphasis on nurseries and fields destined for the global market. Additionally, 13 European Grapevine Moth traps were placed into commercial grape vineyards in Tehama County.

There were 35 registered organic growers in Tehama County in 2012, totaling 12,500 acres of registered organic land. These growers range from small gardens catering to local Certified Farmer's Markets to large-scale livestock, dairy, orchard and field crop producers.



**CONTROL
NOXIOUS
WEEDS**

**IT'S YOUR
RESPONSIBILITY**

A Glimpse Into the Past

Commodity	1962 Totals (amount sold)	2012 Totals (amount sold)	1962 Value	2012 Value
Almonds	648 tons (1,433 acres)	7047 tons (9,396 acres)	\$390,700	\$27,666,500
Olives (table)	3,570 tons (4,099 acres)	38,827 tons (6,365 acres)	\$913,200	\$37,895,200
Prunes	6,990 tons (2,951 acres)	19,875 tons (8,014 acres)	\$2,062,000	\$27,606,400
Walnuts	1,314 tons (2,511 acres)	37,415 tons (21,753 acres)	\$603,000	\$103,415,100
Grapes	*	531 tons (90 acres)	*	\$623,900
Corn	625 tons (250 acres)	10,247 tons (1,963 acres)	\$28,700	\$2,633,500
Pistachio	*	210 tons (175 acres)	*	\$910,600
Watermelon	75 tons (30 acres)	*	\$2,250	*
Alfalfa	37,700 tons (5,800 acres)	16,506 tons (2,358 acres)	\$829,000	\$3,284,700
Truck Crops	55 acres	100 acres	\$28,000	\$250,000
Other Hay	770 tons (700 acres)	7,400 tons (2,000 acres)	\$9,500	\$1,198,800
Sugar Beets	14,203 tons (530 acres)	*	\$146,860	*
Grains (wheat, barley, oats, sorghum)	33,934 tons (27,875 acres)	10,066 tons (4,726 acres)	\$1,152,600	\$2,459,323
Corn Silage	2,000 tons (200 acres)	21,233 tons (745 acres)	\$14,000	\$806,900
Ladino Clover Seed (certified & uncertified)	542,320 lbs (1,760 acres)	*	\$312,950	*
Other Seed (Sudan, Peas, Alfalfa)	2,778,000 lbs (1,750 acres)	*	\$181,900	*
Nursery Stock (includes olives, deciduous fruit & nut, & strawberry plants)			\$412,300	\$10,539,900
Dairy Cattle			\$584,700	\$2,919,200
Beef Cattle			\$5,463,700	\$22,044,200
Dairy Products			\$1,928,000	\$13,104,600
Sheep & Lambs			\$1,176,700	\$712,500
Hogs			\$455,300	\$106,800
Chicken Eggs			\$371,000	*
Turkeys			\$156,100	*
Year Totals			**\$21,223,930	\$294,999,100

Tehama County Exports

In 2012 Tehama County Issued **2,347** USDA Phytosanitary Certificates

What is this? Phytosanitary is a word that means “of or relating to the health of plants”, so a Phytosanitary certificate is documentation stating said plant or plant product, is free from pests and diseases that are part of the import requirements imposed by countries. Import requirements are designed to protect the importing countries’ agricultural industry from insects and diseases which have the potential to arrive with the shipment, additionally ensuring a higher quality product when it reaches its destination.

Products Exported from Tehama County:

Almonds, Walnuts, Walnut Shells, Walnut Logs, Olives,
Raspberry Plants, Blackberry Plants, Blueberry Plants,
Strawberry Plants, Prunes, Lumber, & Figs

Tehama County shipped products to the below countries in 2012:

Algeria	Argentina	Australia	Austria	Belgium
Brazil	Canada	Chile	China	Colombia
Costa Rica	Cyprus	Ecuador	Egypt	Finland
France	Germany	Greece	Guatemala	Hong Kong
India	Indonesia	Israel	Italy	Japan
Jordan	Korea	Kuwait	Latvia	Lithuania
Malaysia	Malta	Mexico	Morocco	Netherlands
New Zealand	Norway	Oman	Pakistan	Panama
Philippines	Portugal	Saudi Arabia	Singapore	South Africa
Spain	Sri Lanka	Sweden	Switzerland	Taiwan
Thailand	Turkey	Ukraine	United Arab Emirates	
United Kingdom	Uruguay	Venezuela	Vietnam	Zimbabwe



Welcome to Tehama County!

Tehama County is rolling out the welcome mat, we want your visit to be enjoyable, memorable, and to become a destination that you'll want to return to soon! A few years ago a group of citizens banded together to get things geared up for our guests. An expert was hired to guide and focus the group in order to help us reach our fullest potential here in Tehama County. Professional signs are being made depicting our newest branding effort, a visitor's center is about to open in Red Bluff, and maps have been made showing everyone the best spots to sample the products of our lands.

The Tehama Trail guide is a map that highlights the locations that are opening their doors to the public to showcase agricultural goods and to tell the story behind that product. The Trail includes stops to show how olive oil is made, where the walnut trees grow in the deepest valley soil and a showcase of vineyards at 2000 plus feet elevation! Fruit stands, historical points of interest and acres upon acres of fertile land are in between it all. At all the stops, samples are available as well as products to buy and bring home to remember your trip through Tehama County. Some of the businesses are open seasonally but most year round, and all are showcased on Passport Weekend in early June, more information can be found at www.tehamatrail.com.

Both the efforts of the Tehama Trail and the group behind the branding effort, have united to create a platform for agri-tourism to take hold even stronger in Tehama County. These efforts will make visiting this area easy, attractive, and educational. Agriculture and natural resources are the foundation of our county and we want to share our area with you. Stop by soon! More information can be found at www.visittehamacountry.com



NORTHERN CALIFORNIA'S
TEHAMA COUNTRY

Reach your peak!



