

Tehama County

2009 Agricultural
Crop Report

In Dedication to David W. Eder

May 18, 1958 ~ December 5, 2009



This year's crop report is dedicated to the memory of Dave Eder. Dave worked for the Tehama County Department of Agriculture as an Agricultural / Weights & Measures Aide from April 2001 until his untimely death in 2009. He was responsible for the Glassy Winged Sharp Shooter (GWSS) trapping routes and methodically inspected nursery shipments, ensuring that the pest never had a chance to make Tehama County home.

In addition to the GWSS program, Dave assisted with the county road herbicide program and regularly displayed his craftsmanship by building such items as cabinets for the office.

Dave loved a rousing discussion over politics and football, especially his beloved Raiders. His family was his priority and enjoyed camping trips with his wife, children and grandchildren.

Dave's passing on December 5, 2009 saddened all that had the pleasure of knowing him. His contributions to the Department will always be appreciated and he will be greatly missed.

Tehama County

Department of Agriculture/Weights & Measures

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

and

The Honorable Board of
Supervisors, Tehama County

I am pleased to submit the 2009 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 2009 was \$180,610,800, a 13.9% increase from 2008 values. The increase is attributed to increases in prices for several commodities.

Orchard crops lead the overall increase in value of \$30,924,700 from 2008. The increase can be significantly credited to walnuts as they posted a 78.1% increase in value attributed to increased acreage, production and prices. Unseasonable heat and winds in May resulted in further production losses for olives, resulting in an additional decrease in value. Wine grapes rebounded from last year's freeze damage, posting a 303.6% increase in value.

Field crops decreased 37.7% in value, with alfalfa hay contributing a 52.8% decrease. Livestock values increased 9.1% due to increases in inventory and prices. Market milk values decreased 51.2% due largely to a 39.8% price decrease and slight production decreases.

My sincere appreciation goes out to the growers, processors, government agencies, and others that provided information used in compiling this report, their cooperation is invaluable. I wish to thank all staff that assisted in compiling this report with special recognition to Marcie Skelton for the report's production, as this publication would not be possible without their combined efforts.

Respectfully Submitted,

Rick J. Gurrola
Agricultural Commissioner

Tehama County Department of Agriculture

2009 Crop Report

Tehama County Board of Supervisors

| | |
|-----------------|-----------------------------------|
| Gregg Avilla | Supervisor - District 1 |
| George Russell | Supervisor - District 2 |
| Charles Willard | Supervisor - District 3 |
| Bob Williams | Supervisor - District 4 |
| Ron Warner | Supervisor - District 5, Chairman |

Agriculture Department

| | |
|-----------------|--|
| Rick Gurrola | Agricultural Commissioner & Sealer of Weights and Measures |
| Douglas Compton | Assistant Agricultural Commissioner/Sealer |
| Doni Rulofson | Deputy Agricultural Commissioner/Sealer |
| 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 |
| David Eder | Agricultural Weights & Measures Aide |
| Brett White | Agricultural Weights & Measures Aide |
| Alexis LeClair | Office Manager |
| Jan Miller | Administrative Secretary |



Fruit & Nut Crops

| | Year | Harvested Acres | Production/ Acre (tons) | Total Tons | Value/ Ton | Total Value |
|-----------------------|-------------|-----------------|-------------------------|---------------|----------------|---------------------|
| Almond (meats) | 2009 | 9,570 | 0.85 | 8,135 | \$2,677 | \$21,777,400 |
| | 2008 | 8,786 | 0.81 | 7,117 | \$2,792 | \$19,869,700 |
| Olive | 2009 | 6,559 | 1.27 | 8,330 | \$1,042 | \$8,679,900 |
| | 2008 | 5,262 | 2.20 | 11,576 | \$911 | \$10,546,100 |
| Prune | 2009 | 7,655 | 2.80 | 21,434 | \$1,226 | \$26,278,100 |
| | 2008 | 8,527 | 2.00 | 17,054 | \$1,464 | \$24,967,100 |
| Walnut | 2009 | 18,594 | 2.10 | 39,047 | \$1,604 | \$62,631,400 |
| | 2008 | 16,748 | 1.90 | 31,821 | \$1,105 | \$35,162,200* |
| Grape | 2009 | 172 | 6.50 | 1,118 | \$1,004 | \$1,122,500 |
| | 2008** | 172 | 1.50 | 258 | \$1,078 | \$278,100 |
| Pistachio | 2009 | 181 | 0.99 | 179 | \$3,351 | \$599,800 |
| | 2008 | 181 | 1.40 | 253 | \$4,100 | \$1,038,900 |
| Misc.*** | 2009 | | | | | \$5,643,000 |
| | 2008 | | | | | \$4,077,700 |

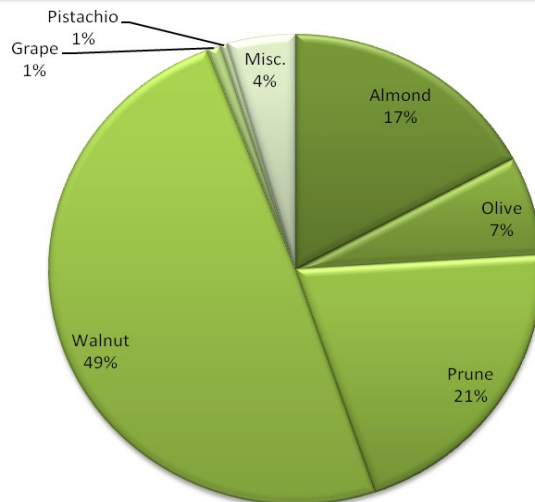
* Adjusted walnut value, 2008 total represents change

** Grape acreage adjusted

*** Includes: black walnuts, pecans, citrus, figs, almond hulls, cherries, blueberries, plums, pears, apricots, apples, peaches, and walnut shells, 08 total adjusted

Total **2009** **\$126,732,500**
 2008 **\$95,807,800**

Fruit & Nut Crop Value



Nursery Products



| | Year | Total Value |
|-----------------|-------------|--------------------|
| Nursery* | 2009 | \$2,997,800 |
| | 2008 | \$2,865,300 |

*Includes Orchard and Christmas trees, Strawberry, Bedding Plants & Trees

Livestock & Poultry

| | Year | Number of Head Sold | Total Live-Weight | Unit | Value/ Unit | Total Value |
|------------------------------|-------------|------------------------|----------------------|-------------|----------------|---------------------|
| Calves | 2009 | 4,284 | 18,892 | cwt. | \$107 | \$2,021,400 |
| | 2008 | 4,080 | 17,993 | cwt. | \$105 | \$1,889,300 |
| Feeders | 2009 | 9,996 | 69,972 | cwt. | \$91 | \$6,367,500 |
| | 2008 | 9,520 | 66,640 | cwt. | \$94 | \$6,264,200 |
| Feedlot | 2009 | 17,007 | 34,014 | cwt. | \$90 | \$3,061,300 |
| | 2008 | 16,327 | 32,654 | cwt. | \$90 | \$2,938,900 |
| Cows & Bulls | 2009 | 2,688 | 35,448 | cwt. | \$45 | \$1,595,200 |
| | 2008 | 2,560 | 33,760 | cwt. | \$44 | \$1,485,400 |
| Dairy Cattle* | 2009 | | | | | \$2,359,800 |
| | 2008 | | | | | \$2,024,100 |
| Sheep & Lambs | 2009 | 4,000 | 4,000 | cwt. | \$89 | \$356,000 |
| | 2008 | 4,000 | 4,000 | cwt. | \$90 | \$360,000 |
| Hogs & Pigs | 2009 | 950 | 1,663 | cwt. | \$42 | \$69,800 |
| | 2008 | 950 | 1,663 | cwt. | \$48 | \$79,800 |
| Misc. Livestock** | 2009 | | | | | \$2,504,000 |
| | 2008 | | | | | \$1,769,300 |
| Total | | | | | | 2009 |
| | | | | | | 2008 |
| | | | | | | \$18,335,000 |
| | | | | | | \$16,811,000 |



*Dairy Cattle includes, cull cows (new to 2009) bull calves and heifer replacements

**Misc. Livestock includes: aquaculture, meat & dairy goats, & various poultry & fowl

Vegetable Crops

| | Year | Harvested Acres | Total Value |
|-------------|------|-----------------|-------------|
| Misc. | 2009 | 100 | \$250,000 |
| Vegetables* | 2008 | 100 | \$250,000 |

* Includes farmer's market & road side stands



Timber Products

| | Year | Harvested Board Feet | Total Value |
|--|------|----------------------|-------------|
| | 2009 | 55,137,000 | \$5,366,600 |
| | 2008 | 63,877,000 | \$9,853,800 |

Livestock & Poultry Products

| | Year | Production | Unit | Value/Unit | Total Value |
|----------------|------|------------|------|------------|-------------------|
| Milk | 2009 | 412,390 | cwt. | \$10.25 | \$4,227,000 |
| (Market) | 2008 | 507,935 | cwt. | \$17.04 | \$8,655,200 |
| Milk | 2009 | 636,077 | cwt. | \$12.06 | \$7,671,100 |
| (Mfg.) | 2008 | 377,601 | cwt. | \$18.54 | \$7,000,700 |
| Animal | 2009 | | | | \$50,000 |
| Fiber* | 2008 | | | | \$30,000 |
| (wool & fiber) | | | | | |
| Misc.** | 2009 | | | | \$72,000 |
| | 2008 | | | | \$72,000 |
| Total | | | | | 2009 \$12,020,100 |
| | | | | | 2008 \$15,757,900 |



* Wool & Fiber (Alpaca, sheep, etc.)

**Includes poultry & other dairy products

Pasture & Range

| | Year | Harvested Acres | Value/Acre | Total Value |
|-----------|------|-----------------|------------|------------------|
| Irrigated | 2009 | 22,000 | \$127 | \$2,794,000 |
| | 2008 | 22,000 | \$127 | \$2,794,000 |
| Range | 2009 | 925,000 | \$3 | \$2,775,000 |
| | 2008 | 925,000 | \$3 | \$2,775,000 |
| Stubble | 2009 | 2,614 | \$7 | 18,300 |
| | 2008 | 2,614 | \$7 | 18,300 |
| Total | | | | 2009 \$5,587,300 |
| | | | | 2008 \$5,587,300 |



Apiary Production

| | Year | Production (colonies) | Value/Colony | Total Value |
|-------------------|-------|-----------------------|--------------|------------------|
| Pollination | 2009 | 9,570 | \$166 | \$1,588,600 |
| | 2008* | 15,000 | \$143 | \$2,145,000 |
| Apiary Products** | 2009 | | | \$4,173,700 |
| | 2008 | | | \$5,098,800 |
| Total | | | | 2009 \$5,762,300 |
| | | | | 2008 \$7,243,800 |

* Colony count & value prorated to adjust for almond and all other pollination rates and their varying values

** Includes Honey, Queens, Wax, & Package Bees



Seed Crops

| | Year | Harvested Acres | Total Value |
|-------|--------|-----------------|-------------|
| Misc. | 2009* | 622 | \$367,300 |
| | 2008** | 482 | \$354,500 |

* Includes sunflowers, corn, cucumbers, watermelons, misc. melons, & beans

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

Field Crops

| | Year | Harvested Acres | Production/ Acre (tons) | Total Tons | Value/ Ton | Total Value |
|-------------------|------|-----------------|-------------------------|--------------|-------------|---------------------|
| Wheat | 2009 | 1,000 | 2.16 | 2,160 | \$183 | \$395,300 |
| | 2008 | 1,014 | 2.30 | 2,332 | \$213 | \$496,800 |
| Corn | 2009 | 1,465 | 5.37 | 7,867 | \$168 | \$1,321,700 |
| | 2008 | 1,610 | 6.80 | 10,948 | \$173 | \$1,894,000 |
| Alfalfa, hay | 2009 | 3,662 | 5.20 | 19,042 | \$112 | \$2,132,700 |
| | 2008 | 3,798 | 6.40 | 24,307 | \$186 | \$4,521,100 |
| Grain, hay (Oats) | 2009 | 4,267 | 2.18 | 9,302 | \$79 | \$734,900 |
| | 2008 | 4,551 | 2.30 | 10,467 | \$150 | \$1,570,100 |
| Hay, other | 2009 | 2,000 | 3.30 | 6,600 | \$100 | \$660,000 |
| | 2008 | 2,000 | 2.40 | 4,800 | \$143 | \$686,400 |
| Silage, corn | 2009 | 400 | 26.4 | 10,560 | \$34 | \$359,000 |
| | 2008 | 500 | 27.8 | 13,900 | \$48 | \$667,200 |
| Misc.* | 2009 | | | | | \$2,954,900 |
| | 2008 | | | | | \$3,898,300 |
| | | | | Total | 2009 | \$8,558,500 |
| | | | | | 2008 | \$13,733,900 |

*Includes: Barley, Beans, Sudan Grass, and Rice

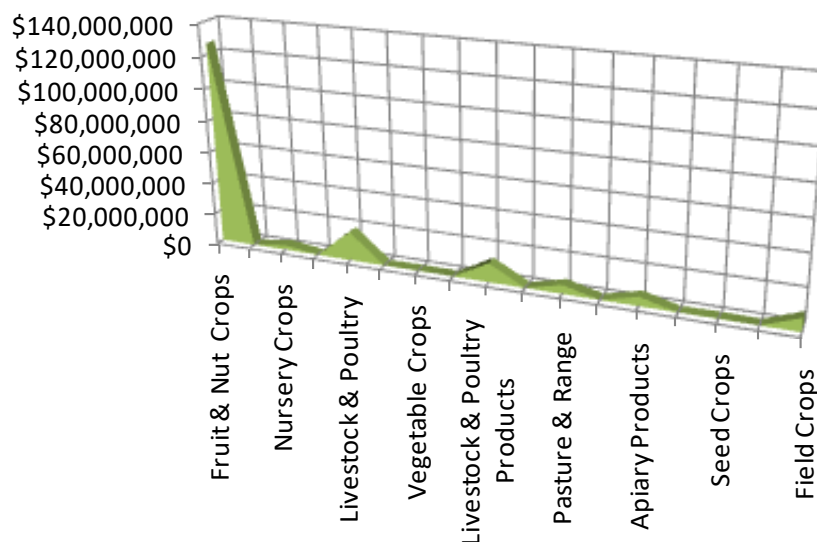


Comparison Summary

| | 2005 | 2006 | 2007 | 2008 | 2009 |
|--------------------------------------|---------------|---------------|---------------|----------------|----------------------|
| Fruit & Nut Crops | \$106,746,800 | \$100,408,600 | \$130,447,900 | \$95,807,800 | \$126,732,500 |
| Nursery Crops | \$1,787,000 | \$2,263,600 | \$2,584,800 | \$2,865,300 | \$2,997,800 |
| Livestock & Poultry | \$25,460,700 | \$25,131,000 | \$21,003,500 | \$16,811,000 | \$18,335,000 |
| Vegetable Crops | \$170,000 | \$170,000 | \$200,000 | \$250,000 | \$250,000 |
| Livestock & Poultry Prod. | \$16,706,400 | \$12,554,200 | \$15,769,500 | \$15,757,900 | \$12,020,100 |
| Pasture & Range | \$11,199,000 | \$11,185,000 | \$6,540,400 | \$5,587,300 | \$5,587,300 |
| Apiary Products | \$3,007,400 | \$3,835,300 | \$4,568,500 | \$7,243,800 | \$5,762,300 |
| Seed Crops | \$620,000 | \$605,800 | \$432,700 | \$354,500 | \$367,300 |
| Field Crops | \$6,768,800 | \$6,206,000 | \$9,189,700 | \$13,733,900 | \$8,558,500 |
| Totals | \$172,466,100 | \$162,359,500 | \$190,737,000 | \$158,542,500* | \$180,610,800 |

* Reflects adjustments

Comparison Graph



Annual Sustainable Ag Report

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 pests; and to best manage those which already exist, in a manner most conducive to the protection of our environment. Three 'A' rated noxious weeds, of limited distribution were under eradication. The 'A' rated plants include Skeleton Weed, Dalmatian Toad-flax, and Spotted Knapweed. Tehama County continues to manage sites of 'B' and 'C' rated weeds in areas of limited distribution.



Skeleton Weed



Dalmatian Toad-Flax



Spotted Knapweed

During 2009, 55 high-risk shipments were inspected for compliance with quarantine requirements, 1 of the shipments was rejected. During the year, 1,857 various shipments were certified for export to 55 countries around the world.

Pest detection trapping for Mediterranean Fruit Fly, Oriental Fruit Fly, Melon Fly, Japanese Beetle, and Gypsy Moth consisted of 352 traps being deployed, resulting in no finds. One hundred fifty four Glassy Winged Sharpshooter traps were placed in Tehama County. One hundred seventy-two 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 2009 there were 70 traps deployed throughout the county with emphasis on nurseries and fields destined for the global market.

There were 31 registered organic growers in Tehama County in 2009, totaling 12,547 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.

A Glimpse Into the Past

1959-2009

| Commodity | 1959 Totals (amount sold) | 2009 Totals (amount sold) | 1959 Value | 2009 Value |
|--|------------------------------|------------------------------|-----------------------|------------------------|
| Almonds | 1,460 tons (1,468 acres) | 8,135 tons (9,570 acres) | \$642,400 | \$21,777,400 |
| Olives | 2,270 tons (3,543 acres) | 8,330 tons (6,559 acres) | \$567,000 | \$8,679,900 |
| Prunes | 4,500 tons (1,987 acres) | 21,434 tons (7,655 acres) | \$1,643,000 | \$26,278,100 |
| Walnuts | 750 tons (2,126 acres) | 39,047 tons (18,594 acres) | \$367,500 | \$62,631,400 |
| Grapes | * | 1,118 tons (172 acres) | * | \$1,122,250 |
| Corn | 3,150 tons (1,579 acres) | 7,867 tons (1,464 acres) | \$151,200 | \$1,321,700 |
| Pistachio | * | 179 tons (181 acres) | * | \$599,800 |
| Watermelon | 1,700 tons (115 acres) | * | \$43,000 | * |
| Alfalfa | 33,500 tons (5,594 acres) | 19,042 tons (3,662 acres) | \$837,500 | \$2,132,700 |
| Truck Crops | * | * | \$17,500 | \$250,000 |
| Other Hay | 3,400 tons (2,230 acres) | 6,600 tons (2,000 acres) | \$61,200 | \$6,600,000 |
| Sugar Beets | 7,500 tons (366 acres) | * | \$82,200 | * |
| Grains | 20,130 tons (33,235 acres) | 4,061 tons (2,118 acres) | \$846,300 | \$720,300 |
| Ladino Clover (seed) | 435,000 tons (1,530 acres) | * | \$243,000 | * |
| Other Seed (Sudan, Peas, Alfalfa) | 1,077,600 tons (713 acres) | * | \$53,200 | * |
| Nursery Stock (includes olives, deciduous fruit & nut, & strawberry plants) | | | \$692,580 | \$2,997,800 |
| Apiary Products | | | \$71,500 | \$4,173,700 |
| Dairy Cattle | | | \$777,000 | \$2,359,800 |
| Beef Cattle | | | \$4,866,400 | \$13,045,400 |
| Dairy Products | | | \$1,688,000 | \$11,898,100 |
| Sheep & Lambs | | | \$1,305,600 | \$356,000 |
| Hogs | | | \$291,000 | \$69,800 |
| Chicken Eggs | | * | \$221,600 | * |
| Turkeys | | * | \$171,600 | * |
| Chickens | 51,200 birds | * | \$14,800 | * |
| Year Totals | | | **\$19,105,330 | **\$180,620,400 |

*No corresponding values between 1958 and 2008

**Will not add up to above column

\$161,515,070

Increase in 50 Years!

Tehama County Exports

2009 Tehama County Issued 1,857 USDA Phytosanitary Certificates

Products Exported:

Almonds, Walnuts, Strawberry Plants, Prunes, & Figs

| | | | |
|----------------|----------------|--------------|----------------------|
| Algeria | Argentina | Armenia | Australia |
| Austria | Brazil | Canada | China |
| Cyprus | Czech Republic | Denmark | Dominican Republic |
| Ecuador | Egypt | Estonia | France |
| Georgia | Germany | Greece | Guatemala |
| Hong Kong | India | Indonesia | Israel |
| Italy | Japan | Jordan | Korea |
| Kuwait | Latvia | Lithuania | Malta |
| Mexico | Morocco | Netherlands | New Zealand |
| Pakistan | Philippines | Poland | Russian Federation |
| Saudi Arabia | Singapore | South Africa | Spain |
| Sweden | Switzerland | Taiwan | Thailand |
| Tunisia | Turkey | Ukraine | United Arab Emirates |
| United Kingdom | Venezuela | Vietnam | |



Photos of Honorable Mention



Photos of Honorable Mention



Thank you to all that contributed photos for our 2009 Crop Report.

Please submit photos for upcoming crop reports to mskelton@tehamaag.net

Cover Photo By:

Peggy Zane, Zane Ranch, Paynes Creek, California

Available online at:

www.co.tehama.ca.us