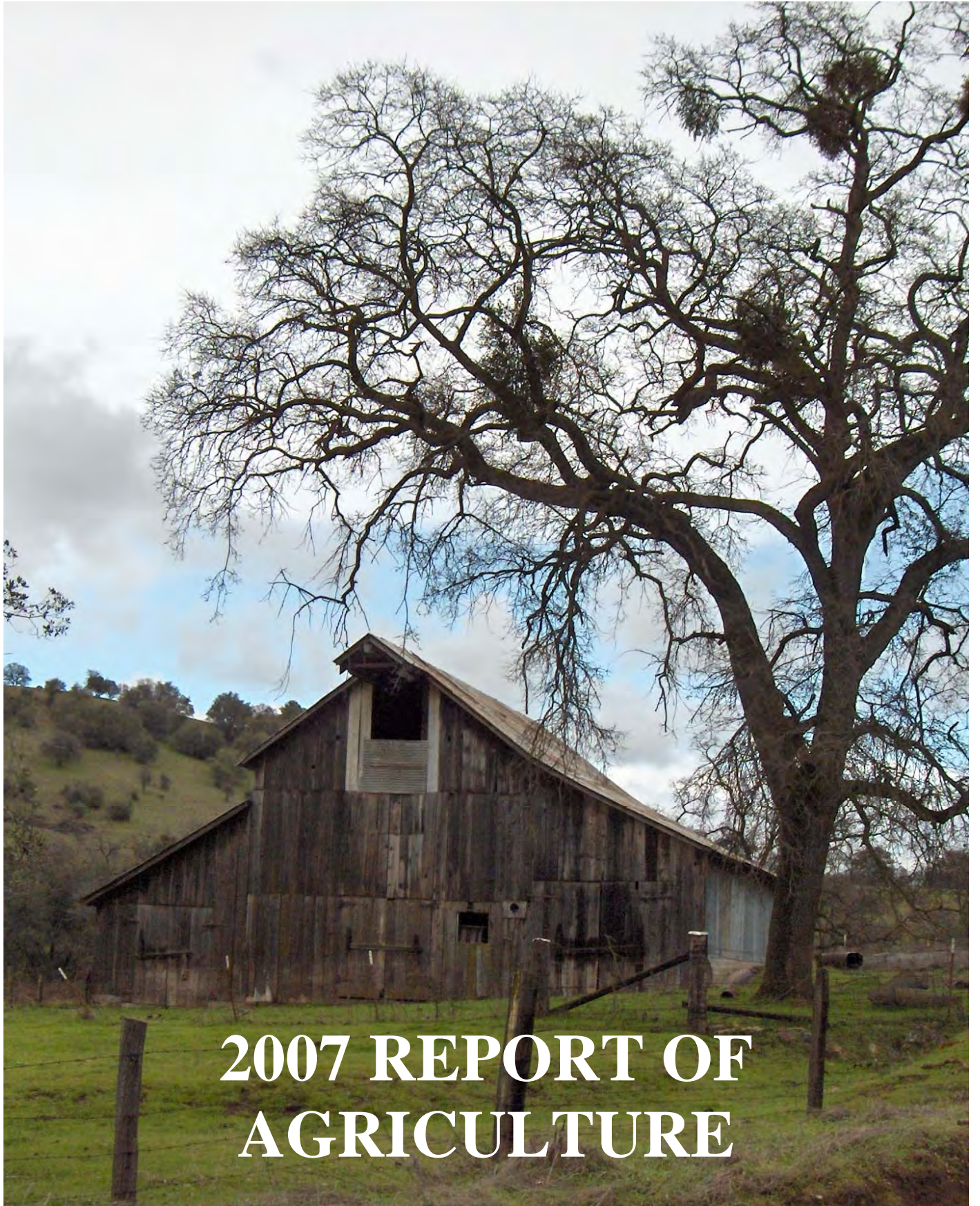


CALAVERAS COUNTY



**2007 REPORT OF
AGRICULTURE**



Calaveras County

Environmental Management Agency

Brian S. Moss ♦ Agency Administrator / Director of Environmental Health
Mary Mutz ♦ Agricultural Commissioner / Director of Weights and Measures
Lakmir S. Grewal ♦ Air Pollution Control Officer

A.G. Kawamura, Secretary
California Department of Food and Agriculture
And
The Honorable Board of Supervisors
County of Calaveras

I am pleased to present the 2007 Report of Agriculture for Calaveras County. This publication includes statistical information on acreage, yield and gross value of Calaveras County's agricultural products in accordance with section 2279 and 2272 of the California Food and Agricultural Code. It must be emphasized that the values contained in this report represent gross receipts and in no way reflect net farm income.

The value of agricultural production for 2007 was \$20,313,900. This figure represents a 20% decrease from the 2006 gross production value of \$25,251,300. The most notable change was a decrease of approximately \$4,000,000 in the timber harvest due to the downturn in the housing industry.

Cattle and calves continue to be the county's leading farm commodity with a value of \$6,702,300. Wine grapes were second with a value of \$1,788,000. Poultry followed with a value of \$1,550,000.

I wish to express my sincere appreciation to the many individuals, organizations and agencies that furnished the data essential to the compilation of this report. Special recognition is given to Shawn Zmak Kuntz of my staff who compiled the report and to Randall Lagomarsino whose barn is shown on the cover.

Respectfully submitted,

Mary Mutz
Agricultural Commissioner

2007 ANNUAL CROP REPORT

BOARD OF SUPERVISORS

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DISTRICT 3 - AVERY
DISTRICT 4 - ANGELS CAMP
DISTRICT 5 - VALLEY SPRINGS

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AGRICULTURAL COMMISSIONER/SEALER

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Agricultural Commissioner
Sealer of Weights & Measures

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Account Technician III

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Biologist/ Inspector III

Seasonal Technicians

ERIC MAYBERRY
Biologist/ Inspector III

PETRA KEIPER
JAMES CORDOVA
GREG LETSCHER

RECAPITULATION

| ITEM | 2007 | 2006 | 2005 |
|-----------------------------|--------------|--------------|--------------|
| LIVESTOCK AND POULTRY | \$8,413,100 | \$10,216,200 | \$11,557,700 |
| LIVESTOCK AND POULTRY PROD. | 21,000 | 17,300 | 15,000 |
| FIELD CROPS | 3,266,600 | 2,845,000 | 2,842,400 |
| VEGETABLE CROPS | 200,000 | 200,000 | 200,000 |
| FRUIT AND NUT CROPS | 3,048,200 | 2,670,800 | 2,336,100 |
| APIARY PRODUCTS | 45,000 | 22,000 | 22,000 |
| NURSERY CROPS | 420,000 | 440,000 | 603,000 |
| TIMBER | 4,900,000 | 8,840,000 | 3,900,000 |
| TOTAL | \$20,313,900 | \$25,251,300 | \$21,476,200 |

LIVESTOCK AND POULTRY



| ITEM | YEAR | PRODUCTION | | | VALUE | |
|-----------------|------|----------------|------------|--------------------|----------|----------------------------|
| | | NUMBER OF HEAD | LIVEWEIGHT | UNIT | PER UNIT | TOTAL |
| Cattle & Calves | 2007 | 12,000 | 78,850 | CWT | \$85.00 | \$6,702,300 |
| | 2006 | 15,000 | 96,900 | CWT | \$87.00 | \$8,430,300 |
| Sheep & Lambs | 2007 | 1,000 | 1,000 | CWT | \$90.50 | \$90,500 |
| | 2006 | 1,000 | 1,000 | CWT | \$95.00 | \$95,000 |
| Swine | 2007 | 500 | 1,000 | CWT | \$48.80 | \$48,800 |
| | 2006 | 500 | 1,000 | CWT | \$45.00 | \$45,000 |
| Poultry* | 2007 | | | | | \$1,550,000 |
| | 2006 | | | | | \$1,625,000 |
| Misc.** | 2007 | | | | | \$21,500 |
| | 2006 | | | | | <u>\$20,900</u> |
| | | | | TOTAL: 2007 | | \$8,413,100 |
| | | | | 2006 | | <u>\$10,216,200</u> |

*Includes chickens, turkeys, games birds, squab, rabbits, etc...

**Includes goats, emus, llamas, ostriches, etc.



LIVESTOCK AND POULTRY PRODUCTS



| ITEM | YEAR | PRODUCTION | | VALUE |
|-------------------------------|------|------------|--|-----------------|
| | | | | TOTAL |
| Livestock & Poultry Products* | 2007 | | | \$21,000 |
| | 2006 | | | <u>\$17,300</u> |

*Includes wool, mohair, eggs, etc.

FIELD CROPS

| CROP | YEAR | PRODUCTION | | | VALUE | |
|----------------------|------|----------------------|-------------|------------|-------------|--------------------|
| | | HARVESTED ACREAGE | PER ACRE | TOTAL UNIT | PER UNIT | TOTAL |
| Grain Hay | 2007 | 200 | 1.00 | 200.00 TON | \$120.00 | \$24,000 |
| | 2006 | 200 | 1.00 | 200.00 TON | \$110.00 | \$22,000 |
| Legume Hay | 2007 | 40 | 1.50 | 60.00 TON | \$130.00 | \$7,800 |
| | 2006 | 40 | 1.50 | 60.00 TON | \$120.00 | \$7,200 |
| Native Hay | 2007 | 50 | .50 | 25.00 TON | \$71.00 | \$1,800 |
| | 2006 | 50 | .50 | 25.00 TON | \$71.00 | \$1,800 |
| Irrigated Pasture | 2007 | 2,000 | | ACRE | \$120.00 | \$240,000 |
| | 2006 | 2,000 | | ACRE | \$120.00 | \$240,000 |
| Rangeland | 2007 | 212,000 | | ACRE | \$14.00 | \$2,968,000 |
| | 2006 | 212,000 | | ACRE | \$12.00 | \$2,544,000 |
| Misc.* | 2007 | 100 | | | | \$25,000 |
| Field Crops | 2006 | 100 | | | | <u>\$30,000</u> |
| TOTAL: | | | | | 2007 | \$3,266,600 |
| | | | | | 2006 | <u>\$2,845,000</u> |



*Includes wheat, safflower, beans, etc.

VEGETABLE CROPS

| CROP | YEAR | PRODUCTION | VALUE |
|-----------|------|------------|------------------|
| | | | TOTAL |
| Vegetable | 2007 | | \$200,000 |
| Crops* | 2006 | | <u>\$200,000</u> |



*Includes tomatoes, corn, peppers, melons, etc.

ORGANIC FARMING STATISTICS

| CROP | NUMBER OF FARMS | HARVESTED ACRES |
|-------------------|-----------------|-----------------|
| Vegetable & Fruit | 4 | 50 Acres |



FRUIT AND NUT CROPS

| PRODUCTION | | | | | VALUE | |
|-----------------------|------|----------------------|-------------|--------------|-------------|--------------------|
| CROP | YEAR | HARVESTED ACREAGE | PER ACRE | TOTAL UNIT | PER UNIT | TOTAL |
| Walnuts (In shell) | 2007 | 800 | .70 | 560.00 TON | \$1,900.00 | \$1,064,000 |
| | 2006 | 800 | .70 | 560.00 TON | \$1,500.00 | \$840,000 |
| Apples | 2007 | 35 | 2.50 | 87.50 TON | \$350.00 | \$30,600 |
| | 2006 | 40 | 2.50 | 100.00 TON | \$350.00 | \$35,000 |
| Grapes (Wine) | 2007 | 650 | 2.50 | 1,625.00 TON | \$1,100.00 | \$1,788,000 |
| | 2006 | 600 | 2.60 | 1,560.00 TON | \$1,062.00 | \$1,657,000 |
| Olives* | 2007 | 140 | 1.00 | 140.00 TON | \$350.00 | \$49,000 |
| | 2006 | 140 | 1.20 | 168.00 TON | \$350.00 | \$58,800 |
| Misc.** | 2007 | | | | | \$116,600 |
| | 2006 | | | | | <u>\$80,000</u> |
| TOTAL: | | | | | 2007 | \$3,048,200 |
| | | | | | 2006 | <u>\$2,670,800</u> |



*Includes fresh & oil

**Includes cherries, berries, pears, peaches, pistachios

APIARY PRODUCTS

| PRODUCTION | | | VALUE | |
|------------|------|--|-------|-----------------|
| ITEM | YEAR | | | TOTAL |
| Apiary* | 2007 | | | \$45,000 |
| | 2006 | | | <u>\$22,000</u> |



*Includes honey, wax, pollination, etc.

NURSERY CROPS

| PRODUCTION | | | | VALUE | |
|------------------|------|-------|------|-------------|------------------|
| CROP | YEAR | TOTAL | UNIT | PER UNIT | TOTAL |
| Christmas Trees | 2007 | 3,000 | EACH | \$40.00 | \$120,000 |
| | 2006 | 3,500 | EACH | \$40.00 | \$140,000 |
| Nursery Products | 2007 | | | | \$300,000 |
| | 2006 | | | | <u>\$300,000</u> |
| TOTAL: | | | | 2007 | \$420,000 |
| | | | | 2006 | <u>\$440,000</u> |

TIMBER

| | | PRODUCTION | VALUE | | |
|------------|------|------------|-------|----------|--------------------|
| CROP | YEAR | TOTAL | UNIT | PER UNIT | TOTAL |
| Timber | 2007 | 28,000 | MBF | \$175.00 | \$4,900,000 |
| Production | 2006 | 34,000 | MBF | \$260.00 | <u>\$8,840,000</u> |

PEST EXCLUSION

| PEST | AGENT/MECHANISM | PROGRAM |
|------|-----------------|---------|
|------|-----------------|---------|

| | | |
|--|--------------------|------------------|
| Exotic Pests (Commercial and household goods movements) | Terminal Shipments | 8838 inspections |
|--|--------------------|------------------|

SUSTAINABLE AGRICULTURAL REPORTING

BIOLOGICAL CONTROL PROGRAM

| PEST | BIO-AGENT | PROGRAM |
|------|-----------|---------|
|------|-----------|---------|



Leaf Eating
Beetle



Seedhead Fly

| | | |
|--|--|--|
| Ash Whitefly <i>Siphoninus phillyreae</i> | Parasitic Wasps, <i>Encarsia partenopea</i> | County-wide |
| Italian Thistle <i>Carduus pycnocephalus</i> | Seedhead Weevil, <i>Rhinocyllus conicus</i> | County-wide |
| Klamath Weed <i>Hypericum perforatum</i> | Leaf Eating Beetle, <i>Chrysolina quadrigemina</i> | County-wide |
| Milk Thistle <i>Silybum marianum</i> | Seedhead Weevil, <i>Rhinocyllus conicus</i> | County-wide |
| Puncturevine | Seedhead Weevil, <i>Microlarinus lareynil</i> | County-wide |
| <i>Tribulus terrestris</i> | Stem Infesting Weevil, <i>Microlarinus lypriformis</i> | County-wide |
| Western Grapeleaf Skeletonizer <i>Harrisina brillians</i> | Parasitic Wasp, <i>Ametadoria misella</i> Parasitic Wasp, <i>Apanteles harrisinae</i> | County-wide County-wide |
| Yellow Starthistle <i>Centaurea solstitialis</i> | Seedhead Weevil, <i>Bangasternus orientalis</i> Seedhead Gall Fly, <i>Urophora sirunaseva</i> Flower Hairy Weevil, <i>Eustenopus villous</i> Seedhead Fly, <i>Chaetorellia succinea</i> Flower Weevil, <i>Larinus curtus</i> Rust Fungus, <i>Puccinia jaceae</i> var. <i>solstitialis</i> | County-wide County-wide County-wide County-wide County-wide 2 Sites |
| Russian Thistle <i>Salsola australis</i> | Stem Mining Moth, <i>Coleophora</i> sp. | County-wide |
| Red Gum Lerp Psyllid <i>Glycaspis brimblecomei</i> | Parasitic Wasps, <i>Psyllaepagus</i> sp. | County-wide |

PEST ERADICATION ACTIVITIES

| PEST | AGENT/MECHANISM | PROGRAM |
|--|----------------------|--------------------|
| Dalmation Toadflax, <i>Linaria genistifolia</i> | No Plants Found | On-going: 2 Sites |
| Scotch Thistle, <i>Onopordum acanthium</i> | Hand Pulled/Chemical | On-going: 6 Sites |
| Skeleton Weed, <i>Chondrilla juncea</i> | Hand Pulled/Chemical | On-going: 34 Sites |
| Spotted Knapweed, <i>Centaurea maculosa</i> | Hand Pulled/Chemical | On-going: 16 Sites |
| Diffuse Knapweed, <i>Centaurea diffusa</i> | Hand Pulled/Chemical | On-going: 2 Sites |
| Diffuse-Spotted Knapweed, <i>Centaurea diffusa x maculosa</i> | Hand Pulled/Chemical | On-going: 1 Site |
| Plumeless Thistle, <i>Carduus acanthoides</i> | Hand Pulled/Chemical | On-going: 4 Sites |



Plumless Thistle



Skeleton Weed



Knapweed



Yellow Starthistle



Scotch Thistle

LEADING FARM COMMODOTIES

| | |
|--------------------------|--------------------|
| Cattle and Calves | \$6,702,300 |
| Grapes (Wine) | \$1,788,000 |
| Poultry | \$1,550,000 |
| Walnuts | \$1,064,000 |
| Nursery Products | \$300,000 |
| Vegetable Crops | \$200,000 |
| Christmas Trees | \$120,000 |
| Sheep and Lambs | \$90,500 |
| Olives | \$49,000 |
| Swine | \$48,800 |

STATISTICS - CALAVERAS COUNTY

| | |
|---------------------------------------|-----------------------|
| Total Land Area | 662,791 Acres |
| Rangeland | 212,000* Acres |
| Government Land | 105,311 Acres |
| Water | 16,300 Acres |
| Farms in County | 576* Farms |
| All Farm Land | 260,865* Acres |
| Irrigated Pasture | 6,610* Acres |
| Land in Agricultural Preserves | 136,410 Acres |
| Land in Timber Preserves | 77,300 Acres |

*According to USDA National Agricultural Statistics Service

COMPARATIVE PRODUCTION VALUES

| | | | |
|-------------|---------------------|-------------|---------------------|
| 2007 | \$20,313,900 | 2002 | \$30,816,100 |
| 2006 | \$25,251,300 | 2001 | \$26,453,900 |
| 2005 | \$21,476,200 | 2000 | \$32,802,500 |
| 2004 | \$33,010,700 | 1999 | \$35,480,800 |
| 2003 | \$28,323,200 | 1998 | \$32,800,800 |

