



Calaveras County

Environmental Management Agency

Brian S. Moss ♦ Agency Administrator / Director of Environmental Health
Mary Mutz ♦ Agricultural Commissioner / Director of Weights and Measures
Lakhmir 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 2006 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 2006 was \$25,251,300. This figure represents a 17.5% increase from the 2005 gross production value of \$21,476,200. The most notable change was an increase of more than 100% in the timber harvest, which rebounded to 34,000 MBF.

Cattle and calves continue to be the county's leading farm commodity with a value of \$8,430,300. Wine grapes were second with a value of \$1,657,000. Poultry followed closely with a value of \$1,625,000.

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.

Respectfully submitted,

Mary Mutz
Agricultural Commissioner

Government Center, 891 Mountain Ranch Road, San Andreas, CA 95249-9709

Environmental Health Department ♦ Department of Agriculture & Weights and Measures ♦ Air Pollution Control District
(209) 754-6399 Fax (209) 754-6722 ♦ (209) 754-6504 Fax (209) 754-6521 ♦ (209) 754-6504 Fax (209) 754-6521

2006 ANNUAL CROP REPORT



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RECAPITULATION

| ITEM | 2006 | 2005 | 2004 |
|-----------------------------|---------------------|----------------------|---------------------|
| FRUIT AND NUT CROPS | \$2,670,800 | \$2,336,100 | \$2,132,100 |
| FIELD CROPS | 2,845,000 | 2,842,400• | 4,954,400 |
| VEGETABLE CROPS | 200,000 | 200,000 | 200,000 |
| NURSERY CROPS | 440,000 | 603,000 | 620,000 |
| TIMBER | 8,840,000 | 3,900,000 | 13,000,000 |
| LIVESTOCK AND POULTRY PROD. | 17,300 | 15,000 | 1,221,000 |
| LIVESTOCK AND POULTRY | 10,216,200 | 11,557,700• | 10,633,200 |
| APIARY PRODUCTS | 22,000 | 22,000 | 250,000 |
| TOTAL | <u>\$25,251,300</u> | <u>\$21,476,200•</u> | <u>\$33,010,700</u> |

FRUIT AND NUT CROPS

PRODUCTION

VALUE

| <u>CROP</u> | <u>YEAR</u> | <u>HARVESTED ACREAGE</u> | <u>PER ACRE</u> | <u>TOTAL UNIT</u> | <u>PER UNIT</u> | <u>TOTAL</u> |
|-----------------------|-------------|------------------------------|---------------------|-------------------|---------------------|------------------|
| Walnuts (In shell) | 2006 | 800 | .70 | 560.00 TON | \$1,500.00 | \$840,000 |
| | 2005 | 650 | .70 | 455.00 TON | \$1,200.00 | \$546,000 |
| Apples | 2006 | 40 | 2.50 | 100.00 TON | \$350.00 | \$35,000 |
| | 2005 | 70 | 2.50 | 175.00 TON | \$350.00 | \$61,300 |
| Grapes (Wine) | 2006 | 600 | 2.60 | 1,560.00 TON | \$1,062.00 | \$1,657,000 |
| | 2005 | 500 | 2.60 | 1,300.00 TON | \$1,200.00 | \$1,560,000 |
| Olives* | 2006 | 140 | 1.20 | 168.00 TON | \$350.00 | \$58,800 |
| | 2005 | 140 | 1.20 | 168.00 TON | \$380.00 | \$63,800 |
| Misc.** | 2006 | | | | | \$80,000 |
| | 2005 | | | | | <u>\$105,000</u> |

| | | |
|---|--------------------|---------------------------|
| *Includes fresh & oil | TOTAL: 2006 | \$2,670,800 |
| **Includes cherries, berries, pears, peaches, pistachios | 2005 | <u>\$2,336,100</u> |

FIELD CROPS

| <u>CROP</u> | <u>YEAR</u> | <u>PRODUCTION</u> | | <u>TOTAL UNIT</u> | <u>VALUE</u> | |
|-----------------------|-------------|------------------------------|---------------------|-------------------|---------------------|-----------------|
| | | <u>HARVESTED ACREAGE</u> | <u>PER ACRE</u> | | <u>PER UNIT</u> | <u>TOTAL</u> |
| Grain Hay | 2006 | 200 | 1.00 | 200.00 TON | \$110.00 | \$22,000 |
| | 2005 | 200 | 1.00 | 200.00 TON | \$100.00 | \$20,000 |
| Legume Hay | 2006 | 40 | 1.50 | 60.00 TON | \$120.00 | \$7,200 |
| | 2005 | 40 | 1.50 | 60.00 TON | \$110.00 | \$6,600 |
| Native Hay | 2006 | 50 | .50 | 25.00 TON | \$71.00 | \$1,800 |
| | 2005 | 50 | .50 | 25.00 TON | \$71.00 | \$1,800 |
| Irrigated Pasture | 2006 | 2,000 | | ACRE | \$120.00 | \$240,000 |
| | 2005 | 2,000 | | ACRE | \$120.00 | \$240,000 |
| Rangeland | 2006 | 212,000 | | ACRE | \$12.00 | \$2,544,000 |
| | 2005 | 212,000• | | ACRE | \$12.00 | \$2,544,000• |
| Misc.* Field Crops | 2006 | 100 | | | | \$30,000 |
| | 2005 | 100 | | | | <u>\$30,000</u> |

| | | |
|---|--------------------|----------------------------|
| *Includes wheat, safflower, beans, etc. | TOTAL: 2006 | \$2,845,000 |
| • Corrected | 2005 | <u>\$2,842,400•</u> |

TIMBER

| CROP | YEAR | TOTAL | UNIT | VALUE | |
|------------|------|--------|------|----------|--------------------|
| | | | | PER UNIT | TOTAL |
| Timber | 2006 | 34,000 | MBF | \$260.00 | \$8,840,000 |
| Production | 2005 | 15,700 | MBF | \$250.00 | <u>\$3,900,000</u> |

LIVESTOCK AND POULTRY PRODUCTS

| ITEM | YEAR | PRODUCTION | | VALUE | |
|---------------------|------|----------------|------------|----------|-----------------|
| | | NUMBER OF HEAD | LIVEWEIGHT | PER UNIT | TOTAL |
| Livestock | 2006 | | | | \$17,300 |
| & Poultry Products* | 2005 | | | | <u>\$15,000</u> |

*Includes wool, mohair, eggs, etc.

LIVESTOCK AND POULTRY

| ITEM | YEAR | PRODUCTION | | UNIT | VALUE | |
|----------|------|----------------|------------|------|----------|-----------------|
| | | NUMBER OF HEAD | LIVEWEIGHT | | PER UNIT | TOTAL |
| Cattle | 2006 | 15,000 | 96,900 | CWT | \$87.00 | \$8,430,300 |
| & Calves | 2005 | 17,000• | 108,650• | CWT | \$90.00• | \$9,778,500• |
| Sheep | 2006 | 1,000 | 1,000 | CWT | \$95.00 | \$95,000 |
| & Lambs | 2005 | 1,000 | 1,000 | CWT | \$95.00 | \$95,000 |
| Swine | 2006 | 500 | 1,000 | CWT | \$45.00 | \$45,000 |
| | 2005 | 500 | 1,000 | CWT | \$45.00 | \$45,000 |
| Poultry* | 2006 | | | | | \$1,625,000 |
| | 2005 | | | | | \$1,625,000 |
| Misc.** | 2006 | | | | | \$20,900 |
| | 2005 | | | | | <u>\$14,200</u> |

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

TOTAL: 2006 \$10,216,200
2005 \$11,557,700•

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

• Corrected

APIARY PRODUCTS

| ITEM | YEAR | PRODUCTION | | VALUE | |
|---------|------|----------------|------------|----------|-----------------|
| | | NUMBER OF HEAD | LIVEWEIGHT | PER UNIT | TOTAL |
| Apiary* | 2006 | | | | \$22,000 |
| | 2005 | | | | <u>\$22,000</u> |

*Includes honey, wax, pollination, etc.

VEGETABLE CROPS

| CROP | YEAR | PRODUCTION | | VALUE | |
|-----------|------|------------|--|-------|------------------|
| | | | | | TOTAL |
| Vegetable | 2006 | | | | \$200,000 |
| Crops* | 2005 | | | | <u>\$200,000</u> |

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

NURSERY CROPS

| CROP | YEAR | TOTAL | UNIT | VALUE | |
|------------------|------|-------|------|----------|------------------|
| | | | | PER UNIT | TOTAL |
| Christmas Trees | 2006 | 3,500 | EACH | \$40.00 | \$140,000 |
| | 2005 | 4,000 | EACH | \$40.00 | \$160,000 |
| Nursery Products | 2006 | | | | \$300,000 |
| | 2005 | | | | <u>\$443,000</u> |
| TOTAL: 2006 | | | | | \$440,000 |
| 2005 | | | | | <u>\$603,000</u> |

SUSTAINABLE AGRICULTURAL REPORTING

BIOLOGICAL CONTROL PROGRAM

| PEST | BIO-AGENT | PROGRAM |
|--|--|-------------|
| 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 <i>Tribulus terrestris</i> | Seedhead Weevil, <i>Microlarinus lareynil</i> | County-wide |
| | Stem Infesting Weevil, <i>Microlarinus lypriformis</i> | County-wide |
| Western Grapeleaf Skeletonizer <i>Harrisina brillians</i> | Parasitic Wasp, <i>Ametadoria misella</i> | County-wide |
| | Parasitic Wasp, <i>Apanteles harrisinae</i> | County-wide |
| Yellow Starthistle <i>Centaurea solstitialis</i> | Seedhead Weevil, <i>Bangasternus orientalis</i> | County-wide |
| | Seedhead Gall Fly, <i>Urophora sirunaseva</i> | County-wide |
| | Flower Hairy Weevil, <i>Eustenopus villous</i> | County-wide |
| | Seedhead Fly, <i>Chaetorellia succinea</i> | County-wide |
| | Flower Weevil, <i>Larinus curtus</i> | County-wide |
| | Rust Fungus, <i>Puccinia jaceae var. solstitialis</i> | 2 Sites |
| Russian Thistle <i>Salsola australis</i> | Stem Mining Moth, <i>Coleophora sp.</i> | County-wide |
| Red Gum Lerp Psyllid <i>Glycaspis brimblecomei</i> | Parasitic Wasps, <i>Psyllaephagus sp.</i> | County-wide |

PEST ERADICATION ACTIVITIES

| PEST | AGENT/MECHANISM | PROGRAM |
|--|-----------------------|-------------------------------|
| Dalmation Toadflax, <i>Linaria genistifolia</i> | | No plants found, 2 sites |
| Scotch Thistle, <i>Onopordum acanthium</i> | Chemical | 1 site |
| Skeleton Weed, <i>Chondrilla juncea</i> | Mechanical & Chemical | 2,884 plants pulled, 26 sites |
| Spotted Knapweed, <i>Centaurea maculosa</i> | Mechanical & Chemical | 143 plants pulled, 16 sites |
| Diffuse Knapweed, <i>Centaurea diffusa</i> | | No plants found, 2 sites |
| Diffuse-Spotted Knapweed, <i>Centaurea diffusa x maculosa</i> | Chemical | 1 site |
| Plumeless Thistle, <i>Carduus acanthoides</i> | Mechanical & Chemical | 6 plants pulled, 4 sites |

PEST EXCLUSION ACTIVITIES

| PEST | AGENT/MECHANISM | PROGRAM |
|--|--------------------|------------------|
| Exotic Pests (Commercial and household goods movements) | Terminal Shipments | 6629 inspections |

ORGANIC FARMING STATISTICS

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

LEADING FARM COMMODITIES

| | |
|-------------------|-------------|
| Cattle and Calves | \$8,430,300 |
| Grapes (Wine) | \$1,657,000 |
| Poultry | \$1,625,000 |
| Walnuts | \$840,000 |
| Nursery Products | \$300,000 |
| Vegetable Crops | \$200,000 |
| Christmas Trees | \$140,000 |
| Sheep and Lambs | \$95,000 |
| Olives | \$58,800 |
| Apples | \$35,000 |

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 | 137,700 Acres |
| Land in Timber Preserves | 77,300 Acres |

*According to USDA National Agricultural Statistics Service

COMPARATIVE PRODUCTION VALUES

| | | | |
|------|---------------|------|--------------|
| 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 |
| 2002 | \$30,816,100 | 1997 | \$36,205,200 |

•Corrected