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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

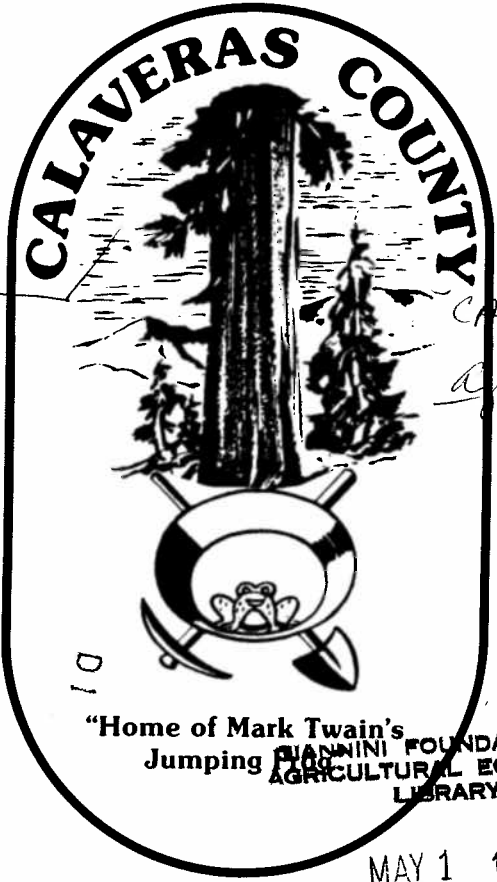
# Calaveras County

1990-1999

California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

This digitization project was funded by the Giannini Foundation of Agricultural Economics,  
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*CA  
Agricultural  
commission*

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MAY 1 1991

*Agricultural crop*

1990  
REPORT  
OF  
AGRICULTURE

# COUNTY OF CALAVERAS

## DEPARTMENT OF AGRICULTURE AND WEIGHTS AND MEASURES

Henry J. Voss, Director  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Calaveras

Gentlemen:

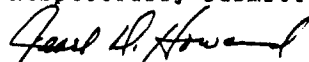
I am pleased to present the 1990 Report of Agriculture for Calaveras County as required by Section 2279 of the California Food and Agriculture Code.

The estimated value of agricultural production for 1990 was an all time high of \$47,684,500.00, an increase of 27% from 1989. This increase is primarily due to a \$9,488,000.00 increase in timber production which is the result of increased harvest of drought stressed trees and higher prices. Significant increases also occurred in all the other general category total valuations except vegetable crops which remained unchanged, and livestock and poultry products which reflects a decrease in production. Although these total values were up from 1989 there were significant decreases in specific commodities; grape prices were down, hay production decreased due to the fifth year of drought and sheep and lamb production and prices declined.

It must be emphasized that the figures in this report represent gross values and do not indicate net farm income or the cost of production and marketing.

I wish to express my appreciation to the many growers, livestock producers, organizations and agencies who supplied the data necessary to make this report possible and to Douglas Norfolk and Scott Paulsen who compiled the Report. Also, a special thanks to the Calaveras County Chamber of Commerce for granting permission to use the front cover logo.

Respectfully submitted,



Jearl D. Howard  
Agricultural Commissioner  
Director of Weights and Measures

GOVERNMENT CENTER

San Andreas, California 95249 • Telephone (209) 754-6504 • Fax (209) 754-6521

# CALAVERAS COUNTY

DEPARTMENT OF AGRICULTURE  
GOVERNMENT CENTER  
SAN ANDREAS, CALIFORNIA 95249  
(209) 754-6504  
1990 ANNUAL CROP REPORT

## BOARD OF SUPERVISORS

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THOMAS TRYON	DISTRICT 4 - ANGELS CAI
RICHARD GORDON	DISTRICT 5 - COPPERPOI

BRENT HARRINGTON, COUNTY ADMINISTRATIVE OFFICER

## PRESENTED BY

JEARL D. HOWARD  
AGRICULTURAL COMMISSIONER  
DIRECTOR OF WEIGHTS AND MEASURES

## STAFF

SCOTT T. PAULSEN	CHIEF DEPUTY AGRICULTURAL COMMISSIONER DIRECTOR OF WEIGHTS AND MEASURES
DOUGLAS V. NORFOLK	AGRICULTURAL BIOLOGIST/ WEIGHTS AND MEASURES INSPECTOR III
KARL O. E. KERSTAN	AGRICULTURAL BIOLOGIST/ WEIGHTS AND MEASURES INSPECTOR III
ROBERT J. BRACHMANN	AGRICULTURAL/WEIGHTS AND MEASURES TECHNICIAN
SUSAN L. CROTSLEY	CLERICAL ASSISTANT III

## RECAPITULATION

	1990	
FRUIT AND NUT CROPS	\$989,000	\$84
FIELD CROPS	4,406,800	3,62
VEGETABLE CROPS	130,000	13
NURSERY CROPS	442,000	34
TIMBER PRODUCTION	30,320,000	20,83
LIVESTOCK AND POULTRY	8,467,400	7,44
LIVESTOCK AND POULTRY PRODUCTS	2,602,600	3,96
APIARY PRODUCTS	326,700	26
<b>TOTAL PRODUCTION</b>	<b>\$47,684,500</b>	<b>\$37,40</b>

## FRUIT AND NUT CROPS

CROP	YEAR	PRODUCTION		VALUATION			
		HARVESTED ACREAGE	PER ACRE	TOTAL PROD.	UNITS	UNIT VALUE	TOTAL VALUE
Almonds (meats)	1990			3.60	Ton	\$1,750.00	\$6,300
	1989			4.30	Ton	2,200.00	9,500
Walnuts	1990	731	.51	375	Ton	1,088.00	408,000
	1989	731	.34	249	Ton	954.00	237,100
Apples	1990	140	3.57	500	Ton	300.00	149,900
	1989	140	3.57	500	Ton	300.00	149,900
Grapes (wine)	1990	150	2.40	360	Ton	550.00	198,000
	1989	150	2.33	350	Ton	630.00	220,200
Olives	1990	270	1.08	292	Ton	500.00	145,800
	1989	270	.96	259	Ton	575.00	149,000
Misc. Fruit & Nuts	1990						81,000
	1989						75,000
Totals:	1990						\$989,000
	1989						840,700

## FIELD CROPS

CROP	YEAR	PRODUCTION		VALUATION			
		HARVESTED ACREAGE	PER ACRE	TOTAL PROD.	UNITS	UNIT VALUE	TOTAL VALUE
Hay (grain)	1990	200	1.25	250	Ton	\$95.00	\$23,800
	1989	250	2.70	675	Ton	95.00	64,100
Hay (legume)	1990	30	1.06	32	Ton	95.00	3,000
	1989	50	1.20	60	Ton	95.00	5,700
Hay (native)	1990	150	.50	75	Ton	80.00	6,000
	1989	300	.50	150	Ton	80.00	12,000
Pasture (irrigated)	1990	2,000			Acre	110.00	220,000
	1989	2,000			Acre	110.00	220,000
Rangeland	1990	412,900			Acre	10.00	4,129,000
	1989	412,900			Acre	8.00	3,303,200
Field Crops Misc. *	1990	100					25,000
	1989	100					20,000
Totals	1990						\$4,406,800
	1989						3,625,000

\* Includes wheat, safflower, beans, etc.

## VEGETABLE CROPS

CROP	YEAR	PRODUCTION		VALUATION	
		HARVESTED ACREAGE	PER ACRE	TOTAL PROD.	TOTAL VALUE
Vegetable Crops *	1990				\$130,000
	1989				130,000

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

## APIARY PRODUCTS

CROP	YEAR	PRODUCTION		VALUATION	
		HARVESTED ACREAGE	PER ACRE	TOTAL PROD.	TOTAL VALUE
Apiary Production *	1990				\$326,700
	1989				206,400

\* Includes honey, wax, pollination, queens, etc.

## SUSTAINABLE AGRICULTURAL REPORTING

### BIOLOGICAL CONTROL PROGRAM

PEST	BIO-AGENT	RELEASE DATE	PROGRAM 1990
Yellow Starthistle Centaurea solstitialis	Seed Weevils Bangasternus orientalis	6/88	1 site surveyed
Italian Thistle Carduus pycnocephalus	Seedhead Weevil Rhinocyllus conicus	5/83	4 sites surveyed

### PEST PREVENTION ACTIVITIES

PEST	AGENT/MECHANISM	PROGRAM
<b>PEST ERADICATION</b>		
Skeleton Weed Chondrilla juncea	Mechanical	93 plants pulled 4 sites
Spotted Knapweed Centaurea maculosa	Mechanical Chemical	30 plants pulled 3 sites
Scotch Thistle Onopordum acanthium	Mechanical	25 plants pulled 5 sites
Dalmatian Toadflax Linaria dalmatica	Visual inspection	no plants 2 sites
Varroa Mite Varroa jacobsoni	Chemical	2027 hives treated

### PEST EXCLUSION

Varroa Mite Varroa jacobsoni	Interstate Movement	7960 hives sampled
Exotic Pests	Terminal Shipments (UPS, trucks, Gypsy Moth)	8644 inspections 42 rejections

### ORGANIC FARMING STATISTICS

CROP	No. of Farms	Estimated Production
Fruit & Nuts	4	8 acres
Vegetables	2	5 acres
Beef	1	200 head

## NURSERY CROPS

CROP	YEAR	PRODUCTION		VALUATION	
		TOTAL	UNIT	PER UNIT	TOTAL VALUE
Christmas Trees	1990	9,100	Each	\$20.00	\$182,000
	1989	5,000	Each	20.00	100,000
Nursery Products	1990				260,000
	1989				265,500
Totals	1990				\$442,000
	1989				365,500

## TIMBER

CROP	YEAR	PRODUCTION		VALUATION	
		TOTAL	UNIT	PER UNIT	TOTAL VALUE
Timber Production	1990	164,200	M.B.F.	\$184.65	\$30,320,000
	1989	134,400	M.B.F.	155.00	20,832,000

## LIVESTOCK AND POULTRY

CROP	YEAR	PRODUCTION			VALUATION	
		NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNITS	UNIT VALUE	TOTAL VALUE
Cattle & Calves	1990	13,200	72,000	Cvt.	\$88.96	\$4,405,100
	1989	14,300	75,900	Cvt.	77.00	5,844,300
Sheep & Lambs	1990	1,060	1,200	Cvt.	55.60	66,700
	1989	1,480	1,400	Cvt.	66.00	92,400
Swine	1990	1,000	1,300	Cvt.	68.40	88,900
	1989	1,550	1,240	Cvt.	68.71	85,200
Poultry *	1990					1,726,000
	1989					1,338,600
Misc. Livestock **	1990					180,700
	1989					80,000
Totals	1990					\$8,467,400
	1989					7,440,500

\* Includes chickens, turkeys, squab, gamebirds, rabbits, etc.  
 \*\* Includes goats, fish, etc.

## LIVESTOCK AND POULTRY PRODUCTS

CROP	YEAR	PRODUCTION		VALUATION	
		TOTAL	UNIT	PER UNIT	TOTAL VALUE
Livestock & Poultry Products *	1990				\$2,402,600
	1989				3,968,100

\* Includes wool, mohair, milk, eggs, etc.

## LEADING FARM COMMODITIES

1. Cattle & Calves	\$6,405,100
2. Livestock & Poultry Prod.	2,602,600
3. Poultry	1,726,000
4. Walnuts	408,000
5. Apiary Products	326,700
6. Nursery Products	260,000
7. Grapes	198,000
8. Christmas Trees	182,000
9. Apples	149,000
10. Olives	145,800

## STATISTICS - CALAVERAS COUNTY

Land Area	647,526 Acres
Rangeland	412,874 Acres
Government Land	154,216 Acres
Water	15,772 Acres
Farms in County	330 Farms
All Farm Land	220,877 Acres
Irrigated Pasture	2,000 Acres
Agricultural Preserves Land	134,779 Acres
Timber Preserves Land	75,893 Acres

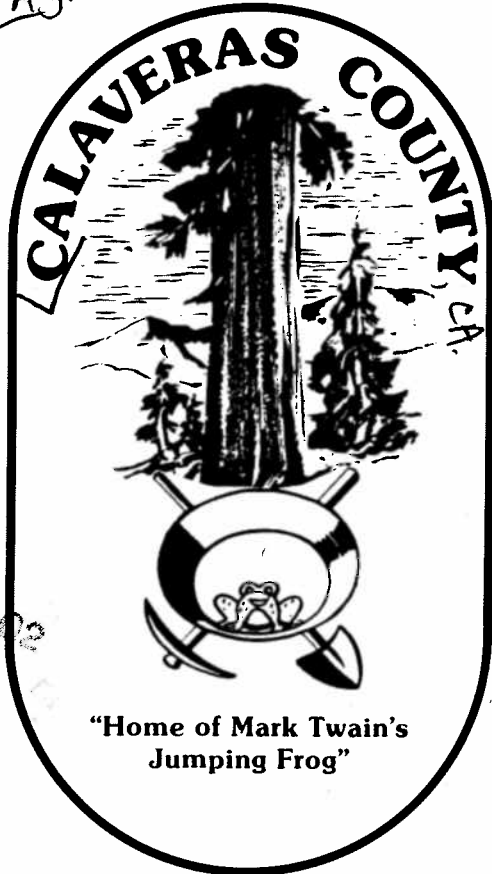
## COMPARATIVE PRODUCTION VALUES

1990	\$47,684,500	1985	\$15,829,900
1989	37,408,200	1984	14,643,100
1988	24,410,300	1983	20,187,200
1987	19,323,300	1982	15,484,500
1986	15,450,900	1981	16,474,260

## THREE YEAR SUMMARY

	1990	1989	1988
Fruit and Nut Crops	\$989,000	\$840,700	\$666,900
Field Crops	4,406,800	3,625,000	3,589,900
Vegetable Crops	130,000	130,000	120,000
Nursery Crops	442,000	365,500	419,500
Timber Production	30,320,000	20,832,000	11,816,700
Livestock & Poultry	8,467,400	7,440,500	6,007,600
Livestock & Poultry Prod	2,602,600	3,968,100	1,578,900
Apiary Products	326,700	206,400	210,600
<b>TOTAL PRODUCTION</b>	<b>\$47,684,500</b>	<b>\$37,408,200</b>	<b>\$24,410,100</b>

Agricultural commissioner



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REPORT

JUN 22 1992

OF

AGRICULTURE

Agricultural crop report

# COUNTY OF CALAVERAS

## DEPARTMENT OF AGRICULTURE AND WEIGHTS AND MEASURES

Henry J. Voss, Director  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Calaveras

Gentlemen:

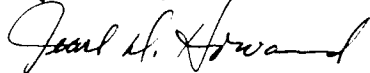
I am pleased to present the 1991 Report of Agriculture for Calaveras County as required by Section 2279 of the California Food and Agricultural Code.

The estimated value of agricultural production for 1991 was \$31,587,100, a decrease of 34% from 1990's record setting \$47,684,500 production level. The decline in production is primarily attributed to a \$16,000,000 drop in timber production due to decreased green timber cutting as a result of increased harvest regulations, concentration on salvage of trees killed as a result of six years of drought and lower prices. Poultry and Livestock and Poultry Products each declined approximately \$500,000 from the 1991 level. Cattle and Calves showed an increase of nearly \$1,000,000 and Fruit and Nut Crops increased by \$250,000. Overall, the county's agricultural production fared pretty well considering 1991 was the sixth straight year of drought. Had it not been for the rains of the "Miracle March" this report would have reflected a much different picture.

It must be emphasized that the figures in this report represent gross values and do not indicate net farm income or the cost of production and marketing.

I wish to express my sincere appreciation to the many growers, livestock producers, organizations and agencies who supplied the data necessary to make this report possible and to Douglas Norfolk who compiled this report.

Respectfully submitted,



Jearl D. Howard  
Agricultural Commissioner  
Director of Weights and Measures

GOVERNMENT CENTER

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DEPARTMENT OF AGRICULTURE  
GOVERNMENT CENTER  
SAN ANDREAS, CALIFORNIA 95249  
(209) 754-6504  
1991 ANNUAL CROP REPORT

### BOARD OF SUPERVISORS

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RICHARD GORDON	DISTRICT 5 - COPPEROPOLIS

BRENT HARRINGTON, COUNTY ADMINISTRATIVE OFFICER

PRESENTED BY

JEARL D. HOWARD  
AGRICULTURAL COMMISSIONER  
DIRECTOR OF WEIGHTS AND MEASURES

### STAFF

	CHIEF DEPUTY AGRICULTURAL COMMISSIONER/ DIRECTOR OF WEIGHTS AND MEASURES
DOUGLAS V. NORFOLK	AGRICULTURAL BIOLOGIST/ WEIGHTS AND MEASURES INSPECTOR III
KARL O. E. KERSTAN	AGRICULTURAL BIOLOGIST/ WEIGHTS AND MEASURES INSPECTOR III
	AGRICULTURAL/WEIGHTS AND MEASURES TECHNICIAN
SUSAN L. BURKS	CLERICAL ASSISTANT III

### RECAPITULATION

	1991	1990
FRUIT AND NUT CROPS	\$ 1,241,900	\$ 989,000
FIELD CROPS	4,413,200	4,406,800
VEGETABLE CROPS	167,000	130,000
NURSERY CROPS	458,000	442,000
TIMBER	13,900,000	30,320,000
LIVESTOCK AND POULTRY	8,935,300	8,467,400
LIVESTOCK AND POULTRY PRODUCTS	1,935,400	2,602,600
APIARY PRODUCTS	536,300	326,700
TOTAL PRODUCTION	\$31,587,100	\$47,684,500



## FRUIT AND NUT CROPS

ITEM	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACRES	PER ACRE			PER UNIT	TOTAL
Almonds	1991			0.00	Ton	0.00	0
(meats)	1990			3.60	Ton	\$1,750.00	\$ 6,300
Walnuts	1991	731	.62	456	Ton	990.00	451,400
(in shell)	1990	731	.51	375	Ton	1,088.00	408,000
Apples	1991	140	2.50	350	Ton	300.00	105,000
	1990	140	3.57	500	Ton	300.00	149,900
Grapes	1991	230	2.60	600	Ton	525.00	315,000
(wine)	1990	150	2.40	360	Ton	550.00	198,000
Olives	1991	250	.80	200	Ton	680.00	136,000
	1990	270	1.08	292	Ton	500.00	145,800
Misc.	1991						234,500
Fruit & Nuts *	1990						81,000
Total: 1991							\$1,241,900
1990							989,000

\*Includes cherries, berries, pears pears, peaches, etc.

## FIELD CROPS

ITEM	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACRES	PER ACRE			PER UNIT	TOTAL
Grain	1991	390	1.35	520	Ton	\$ 61.00	\$ 31,700
Hay	1990	200	1.25	250	Ton	95.00	23,800
Legume	1991	30	1.06	32	Ton	95.00	3,000
Hay	1990	30	1.06	32	Ton	95.00	3,000
Native	1991	150	.50	75	Ton	60.00	4,500
Hay	1990	150	.50	75	Ton	80.00	6,000
Irrigated	1991	2,000			Acre	110.00	220,000
Pasture	1990	2,000			Acre	110.00	220,000
Rangeland	1991	412,000			Acre	10.00	4,129,000
	1990	412,000			Acre	10.00	4,129,000
Field Crps	1991	100					25,000
Misc.*	1990	100					25,000
Total: 1991							\$4,413,200
1990							4,406,800

\*Includes wheat, safflower, beans, etc.

## LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	TOTAL
Livestock	1991	\$1,935,400
& Poultry Products*	1992	2,602,600

\*Includes wool, mohair, milk, eggs, etc.

## SUSTAINABLE AGRICULTURAL REPORTING

### BIOLOGICAL CONTROL PROGRAM

PEST	BIO-AGENT	RELEASE DATE	PROGRAM 1991
Ash Whitefly Siphoninus phillyreae	Parasitic Wasps Encarsia nr. partenopea	8/91	2 sites est.
Yellow Starthistle Centaurea solstitialis	Seed Weevils Bangasternus orientalis	6/88	1 site surveyed
W.G.L.S. Harrisina brillians	Parsitic Fly Ametadoria misella	6/84	7 sites
W.G.L.S. Harrisina brillians	Parsitic Wasp Apanteles harrisinae	6/84	7 sites
Italian Thistle Carduus pycnocephalus	Seedhead Weevil Rhinocyllus conicus	5/83	county wide
Milk Thistle Silybum marianum	Seedhead Weevil Rhinocyllus conicus	5/83	1 site surveyed

### PEST PREVENTION ACTIVITIES

PEST	AGENT/MECHANISM	PROGRAM
PEST ERADICATION		
Skeleton Weed Chondrilla juncea	Mechanical Chemical	138 plants pulled 5 sites
Spotted Knapweed Centaurea maculosa	Mechanical Chemical	20 plants pulled 2 sites
Scotch Thistle Onopordum acanthium	Mechanical	23 plants pulled 5 sites
Dalmation Toadflax Linaria dalmatica	Mechanical Chemical	23 plants pulled 2 sites

### PEST EXCLUSION

Exotic Pests	Terminal Shipments	14,598 inspections
	(UPS, trucks, Gypsy Moth)	18 rejections

### ORGANIC FARMING STATISTICS

CROP	No. of Farms	Estimated Production
Fruit & Nuts	2	5 acres
Vegetables	1	2 acres
Beef	1	200 head

### COMPARATIVE PRODUCTION VALUES

1991	\$31,587,100	1986	\$15,450,900
1990	47,684,500	1985	15,829,900
1989	37,408,200	1984	14,643,100
1988	24,410,300	1983	20,187,200
1987	19,323,300	1982	15,484,500

## LIVESTOCK AND POULTRY

PRODUCTION			VALUE			
ITEM	YEAR	NO. HEAD	TOTAL LIVE WEIGHT	UNIT	PER UNIT	TOTAL
Cattle & Calves	1991	14,500	86,000	Cwt.	85.33	\$7,338,000
	1990	13,200	72,000	Cwt.	88.96	6,405,100
Sheep & Lambs	1991	850	860	Cwt.	52.27	45,000
	1990	1,060	1,200	Cwt.	55.60	66,700
Swine	1991	1,750	1,900	Cwt.	68.74	130,600
	1990	1,000	1,200	Cwt.	68.40	88,900
Poultry*	1991					1,255,100
	1990					1,726,000
Misc. ** Livestock	1991					166,600
	1990					180,700

\*Includes chickens, turkeys, gamebirds, squab, rabbits, etc.  
 \*\*Includes goats, emus, horses, etc.

Total: 1991    \$8,935,300  
 1990            8,467,400

### APIARY PRODUCTS

CROP	YEAR	TOTAL
Apiary *	1991	\$536,300
Production	1990	326,700

\*Includes, honey, wax, pollination, etc.

### VEGETABLE CROPS

ITEM	YEAR	TOTAL
Vegetable Crops *	1991	\$167,000
	1990	130,000

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

### NURSERY CROPS

ITEM	YEAR	TOTAL	UNIT	PER UNIT	TOTAL
Christmas Trees	1991	9,900	Each	20.00	\$198,000
	1990	9,100	Each	20.00	182,000
Nursery Products	1991				260,000
	1990				260,000
					Total: 1991    \$458,000 1990            442,000

### TIMBER

ITEM	YEAR	TOTAL	UNIT	PER UNIT	TOTAL
Timber Production	1991	94,800	M.B.F.	147.00	\$13,900,000
	1990	164,200	M.B.F.	185.00	30,320,000

## LEADING FARM COMMODITIES

1. Cattle and Calves	7,338,000
2. Livestock and Poultry Products	1,935,400
3. Poultry	1,255,100
4. Apiary Products	536,300
5. Walnuts	451,400
6. Grapes	315,000
7. Nursery Crops	260,000
8. Christmas Trees	198,000
9. Vegetable Crops	167,000
10. Olives	136,000

### STATISTICS - CALAVERAS COUNTY

Land Area	647,526 Acres
Rangeland	412,874 Acres
All Government Land	154,216 Acres
Water	15,772 Acres
Farms in County	330 Farms
All Farm Land	220,877 Acres
Irrigated Pasture	2,000 Acres
Land in Agricultural Preserves	134,779 Acres
Land in Timber Preserves	75,893 Acres

### THREE YEAR SUMMARY

ITEM	1991	1990	1989
Fruit and Nut Crops	\$1,241,900	\$ 989,000	\$ 840,700
Field Crops	4,413,200	4,406,800	3,625,000
Vegetable Crops	167,000	130,000	130,000
Nursery Crops	458,000	442,000	365,500
Timber Production	13,900,000	30,320,000	20,832,000
Livestock & Poultry	8,935,300	8,467,400	7,440,500
Livestock & Poultry Prod.	1,935,400	2,602,600	3,968,100
Apiary Products	536,300	326,700	206,400
<b>TOTAL PRODUCTION</b>	<b>31,587,100</b>	<b>47,684,500</b>	<b>37,408,200</b>

California - Agriculture - Stanislaus - 1992



BRARY  
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 GANNETT FOUNDATION OF  
 AGRICULTURAL ECONOMICS

1992  
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**COUNTY of CALAVERAS**  
**Department of Agriculture**  
**and Weights & Measures**

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**JEARL D. HOWARD**  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS & MEASURES

**MARY MUTZ**  
 CHIEF DEPUTY  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS & MEASURES

DEPARTMENT OF AGRICULTURE  
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**BOARD OF SUPERVISORS**

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 RICHARD GORDON

DISTRICT 1 - MOKELUMNE HILL  
 DISTRICT 2 - RAIL ROAD FLAT  
 DISTRICT 3 - HATHAWAY PINES  
 DISTRICT 4 - ANGELS CAMP  
 DISTRICT 5 - COPPEROPOLIS

BRENT HARRINGTON, COUNTY ADMINISTRATIVE OFFICER

**PRESENTED BY**

JEARL D. HOWARD  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS AND MEASURES

**STAFF**

MARY MUTZ	CHIEF DEPUTY AGRICULTURAL COMMISSIONER/ DIRECTOR OF WEIGHTS AND MEASURES
DOUGLAS V. NORFOLK	AGRICULTURAL BIOLOGIST/ WEIGHTS AND MEASURES INSPECTOR III
KARL O. E. KERSTAN	AGRICULTURAL BIOLOGIST/ WEIGHTS AND MEASURES INSPECTOR III
SHARON L. HANSEN	AGRICULTURAL/WEIGHTS AND MEASURES TECHNICIAN
SALVATORE P. FICHERA	DATA ENTRY OPERATOR

Henry J. Voss, Director  
 California Department of Food and Agriculture  
 and  
 The Honorable Board of Supervisors  
 County of Calaveras

Gentlemen:

I am pleased to present the 1992 Report of Agriculture for Calaveras County as required by Section 2279 of the California Food and Agricultural Code.

The estimated value of agricultural production for 1992 was \$31,043,700, a decrease of 1.7% from 1991.

Declining sales of cattle and calves resulted in a \$1.8 million reduction in Livestock and Poultry Production. These reduced sales are the result of ranchers rebuilding herd sizes as the six year drought has apparently ended. An additional decline in Livestock and Poultry Products of \$600,000 was noted as a result of decreased egg production.

Overall, timber production declined by 30 million board feet, however, the timber prices increased to push the harvested timber value nearly \$2 million higher than those of 1991.

It must be emphasized that the figures in this report represent gross values and do not indicate net farm income or the cost of production and marketing.

I wish to express sincere appreciation to the many growers, livestock producers, organizations and agencies who supplied the data necessary to make this report possible, and to Douglas Norfolk, who compiled the report.

Respectfully submitted,

*Jearl D. Howard*

Jearl D. Howard  
 Agricultural Commissioner  
 Director of Weights and Measures

**RECAPITULATION**

ITEM	1992	1991	1990
Fruit and Nut Crops	\$1,344,700	\$1,241,900	\$ 989,000
Field Crops	4,415,800	4,404,200	4,406,800
Vegetable Crops	191,600	167,000	130,000
Nursery Crops	470,700	458,000	442,000
Timber	15,621,000	13,900,000	30,320,000
Livestock and Poultry	7,125,200	8,935,300	8,467,400
Livestock and Poultry Prods.	1,342,000	1,935,400	2,602,600
Apiary Products	532,700	536,300	326,700
<b>TOTAL PRODUCTION:</b>	<b>\$31,043,700</b>	<b>\$31,578,100</b>	<b>\$47,684,500</b>

FRUIT AND NUT CROPS: Acreage, Production and Value

ITEM	YEAR	BEARING ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds (meats)	1992	31	.60	18.60	TON	\$ 240.00	\$ 4,500
	1991			0.00			0
Walnuts (in shell)	1992	731	.37	272.00	TON	1340.00	364,500
	1991			456.00			990.00
Apples	1992	140	2.50	350.00	TON	300.00	105,000
	1991			350.00			300.00
Grapes (wine)	1992	260	2.10	550.00	TON	612.00	336,600
	1991			600.00			525.00
Olives	1992	250	1.40	350.00	TON	530.00	185,500
	1991			200.00			680.00
Misc.*	1992						348,600
	1991						234,500
*Includes cherries, berries, pears, peaches, etc.						TOTAL:	1992 \$1,344,700 1991 1,241,900

FIELD CROPS

ITEM	YEAR	BEARING ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Grain Hay	1992	390	1.74	680.00	TON	\$60.00	\$ 40,800
	1991			520.00			61.00
Legume Hay	1992	30	2.61	78.00	TON	80.00	6,200
	1991			32.00			95.00
Native Hay	1992	150	.50	75.00	TON	50.00	3,800
	1991			75.00			60.00
Irrigated Pasture	1992	2,000			ACRE	110.00	220,000
	1991						110.00
Rangeland	1992	412,000			ACRE	10.00	4,120,000
	1991		412,000				10.00
Misc.* Field Crops	1992	100					25,000
	1991		100				25,000
*Includes wheat, safflower, beans, etc.						TOTAL:	1992 \$4,415,800 1991 4,404,200

TIMBER

ITEM	YEAR	TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Timber Production	1992	64,700	MBF	\$241.00	\$15,621,000
	1991	94,800	MBF	147.00	13,900,000

NURSERY CROPS

ITEM	YEAR	TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Christmas Trees	1992	10,700	Each	\$21.00	\$224,700
	1991	9,900	Each	20.00	198,000
Nursery Products	1992				246,000
	1991				260,000
TOTAL:				1992	\$470,700
				1991	458,000

SUSTAINABLE AGRICULTURAL REPORTING

BIOLOGICAL CONTROL PROGRAM

PEST	BIO-AGENT	RELEASE DATE	PROGRAM 1992
Ash Whitefly	Parasitic Wasps	8/92	3 sites
<i>Siphoninus phillyreae</i>	<i>Encarsia partenopea</i>	8/91	2 sites
Italian Thistle	Seedhead Weevil	5/83	County-wide
<i>Carduus pycnocephalus</i>	<i>Rhinocyllus conicus</i>		
Klamath Weed	Klamath Weed Leaf Eating Beetle	5/92	9 sites
<i>Hypericum perforatum</i>	<i>Chrysolina quadrigemina</i>		
Milk Thistle	Seedhead Weevil	5/83	1 site surveyed
<i>Silybum marianum</i>	<i>Rhinocyllus conicus</i>		
Puncturevine	Puncturevine	7/92	8 sites
<i>Tribulus terrestris</i>	Seedhead Weevil		
	<i>Microlarinus lareynii</i>		
	Stem Infesting Weevil	7/92	8 sites
	<i>Microlarinus lypriformis</i>		
Western Grapeleaf Skeletonizer	Parasitic Wasp	6/84	7 sites
<i>Harrisina brillians</i>	<i>Ametadoria misella</i>		
	Parasitic Wasp	6/84	7 sites
	<i>Apanteles harrisinae</i>		
Yellow Starthistle	Yellow Starthistle	6/92	3 sites
<i>Centaurea solstitialis</i>	Seedhead Weevil	6/88	1 site
	<i>Bangasternus orientalis</i>		

### LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	VALUE TOTAL
Livestock & Poultry Products*	1992	\$1,342,000
	1991	1,935,400

\*Includes wool, mohair, milk, eggs, etc.

### LIVESTOCK AND POULTRY

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
Cattle & Calves	1992	11,700	64,000	Cwt.	\$78.15	\$5,001,600
	1991	14,500	86,000	Cwt.	85.33	7,338,000
Sheep & Lambs	1992	900	950	Cwt.	62.90	59,800
	1991	850	860	Cwt.	52.27	45,000
Swine	1992	1,450	1,890	Cwt.	63.93	120,800
	1991	1,750	1,900	Cwt.	68.74	130,600
Poultry*	1992					1,783,000
	1991					1,255,100
Misc.**	1992					160,000
	1991					166,600

\*Includes chickens, turkeys, games birds, squab, rabbits, etc.  
 \*\*Includes goats, emus, llamas, etc.

TOTAL: 1992 \$7,125,200  
 1991 8,935,300

### APIARY PRODUCTS

ITEM	YEAR	VALUE TOTAL
Apiary*	1992	\$532,700
	1991	536,300

\*Includes honey, wax, pollination, etc.

### VEGETABLE CROPS

ITEM	YEAR	VALUE TOTAL
Vegetable Crops*	1992	\$191,600
	1991	167,000

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

### PEST ERADICATION ACTIVITIES

PEST	AGENT/MECHANISM	PROGRAM
Dalmatian Toadflax <i>Linaria genistifolia</i> <i>spp. dalmatica</i>	Mechanical	0 plants detected 2 sites
Scotch Thistle <i>Onopordum acanthium</i>	Mechanical	5 plants pulled
Skeleton Weed <i>Chondrilla juncea</i>	Chemical	4 sites
Spotted Knapweed <i>Centaurea maculosa</i>	Mechanical Chemical	13 plants pulled 1 site

### PEST EXCLUSION

PEST	AGENT/MECHANISM	PROGRAM
Exotic Pests (UPS, Incoming Nursery, Gypsy Moth)	Terminal Shipments	7,211 inspections 48 rejections

### ORGANIC FARMING STATISTICS

PRODUCT	NUMBER OF FARMS	ESTIMATED PRODUCTION
Beef	1	200 head

### LEADING FARM COMMODITIES

Cattle and Calves	\$5,001,600
Poultry	1,783,000
Livestock and Poultry Products	1,342,000
Apiary Products	532,700
Walnuts	364,500
Grapes	336,600
Nursery Products	246,000
Christmas Trees	224,700
Vegetable Crops	191,600
Olives	185,500

### STATISTICS - CALAVERAS COUNTY

Total Land Area	647,526 Acres
Rangeland	412,874 Acres
All Government Land	154,216 Acres
Water	15,772 Acres
Farms in County	330 Farms
All Farm Land	220,877 Acres
Irrigated Pasture	2,000 Acres
Land in Agricultural Preserves	134,176 Acres
Land in Timber Preserves	75,893 Acres

### COMPARATIVE PRODUCTION VALUES

1992	\$31,043,700	1987	\$19,323,300
1991	31,578,100	1986	15,450,900
1990	47,684,500	1985	15,829,900
1989	37,408,200	1984	14,643,100
1988	24,410,300	1983	20,187,200



Calif. Agriculture  
Commissioner

*Agricultural Crop Report*

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**COUNTY of CALAVERAS**  
**Department of Agriculture**  
**and Weights & Measures**

Government Center  
 San Andreas, CA 95249  
 Phone (209)754-6504  
 FAX (209)754-6521

**JEARL D. HOWARD**  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS & MEASURES

**MARY MUTZ**  
 CHIEF DEPUTY  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS & MEASURES

DEPARTMENT OF AGRICULTURE  
 GOVERNMENT CENTER  
 SAN ANDREAS, CALIFORNIA 95249  
 209/754-6504  
 1993 ANNUAL CROP REPORT

**BOARD OF SUPERVISORS**

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**THOMAS TAYLOR**  
**MERITA CALLAWAY**  
**THOMAS TRYON**  
**RICHARD GORDON, VICE CHAIR**

**DISTRICT 1 - MOKELUMNE HILL**  
**DISTRICT 2 - RAIL ROAD FLAT**  
**DISTRICT 3 - AVERY**  
**DISTRICT 4 - ANGELS CAMP**  
**DISTRICT 5 - COPPEROPOLIS**

**BRENT HARRINGTON, COUNTY ADMINISTRATIVE OFFICER**

PRESENTED BY  
**JEARL D. HOWARD**  
 AGRICULTURAL COMMISSIONER

**STAFF**

**MARY MUTZ** CHIEF DEPUTY AGRICULTURAL COMMISSIONER/  
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**DOUGLAS V. NORFOLK** AGRICULTURAL BIOLOGIST/  
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**SHARON L. HANSEN** AGRICULTURAL/WEIGHTS AND MEASURES  
 TECHNICIAN

**SALAVATORE P. FICHERA** DATA ENTRY OPERATOR

Henry J. Voss, Secretary  
 California Department of Food and Agriculture  
 and  
 The Honorable Board of Supervisors  
 County of Calaveras

Gentlemen and Ms. Callaway:

I am pleased to present the 1993 Report of Agriculture for Calaveras County as required by Section 2279 of the California Food and Agricultural Code.

The estimated value of agricultural production for 1993 was an all time high of \$51,733,500, an increase of \$20,689,800 from 1992.

The largest contribution to the production increase was timber. The value of the timber harvest increased nearly \$20 million due to increased harvest and increased price.

Other areas that showed increased values include: fruit and nut crops, livestock and poultry products, livestock and poultry, and nursery crops. Declining values were noted in apiary products and field crops, while vegetable crops remained virtually unchanged from 1992 figures.

It must be emphasized that the figures in this report represent gross values and do not indicate net farm income or the cost of production and marketing.

I wish to express sincere appreciation to the many growers, livestock producers, organizations and agencies who supplied the data necessary to make this report possible, and to Douglas Norfolk, who compiled this report.

Respectfully submitted,

*Jearl D. Howard*

Jearl D. Howard  
 Agricultural Commissioner

**RECAPITULATION**

<u>ITEM</u>	<u>1993</u>	<u>1992</u>	<u>1991</u>
FRUIT AND NUT CROPS	1,388,900	1,344,700	1,241,900
FIELD CROPS	4,411,600	4,415,800	4,404,200
VEGETABLE CROPS	193,000	191,600	167,000
NURSERY CROPS	585,000	470,700	458,000
TIMBER	35,110,600	15,621,000	13,900,000
LIVESTOCK AND POULTRY	7,597,800	7,125,200	8,935,300
LIVESTOCK AND POULTRY PROD.	2,008,000	1,342,000	1,935,400
APIARY PRODUCTS	438,600	532,700	536,300
	<u>51,733,500</u>	<u>31,043,700</u>	<u>31,578,100</u>



**FRUIT AND NUT CROPS: Acreage, Production and Value**

ITEM	YEAR	BEARING ACRES	PRODUCTION		UNIT	VALUE		
			PER ACRE	TOTAL		PER UNIT	TOTAL	
Almonds (meats)	1993	31	.58	18.00	TON	300.00	5,400	
	1992	31	.60	18.60	TON	240.00	4,500	
Walnuts (in shell)	1993	731	.40	290.00	TON	1400.00	406,000	
	1992	731	.37	272.00	TON	1340.00	364,500	
Apples	1993	140	1.80	250.00	TON	300.00	75,000	
	1992	140	2.50	350.00	TON	300.00	105,000	
Grapes (wine)	1993	260	2.40	625.00	TON	580.00	362,500	
	1992	260	2.10	550.00	TON	612.00	336,600	
Olives	1993	250	1.50	380.00	TON	500.00	190,000	
	1992	250	1.40	350.00	TON	530.00	185,500	
Misc.*	1993						350,000	
	1992						348,600	
*Includes cherries, berries, pears, peaches, etc.						TOTAL:	1993	1,388,900
							1992	1,344,700

**FIELD CROPS**

ITEM	YEAR	BEARING ACRES	PRODUCTION		UNIT	VALUE		
			PER ACRE	TOTAL		PER UNIT	TOTAL	
Grain Hay	1993	300	1.50	450.00	TON	80.00	36,000	
	1992	390	1.74	680.00	TON	60.00	40,800	
Legume Hay	1993	30	2.66	80.00	TON	90.00	7,200	
	1992	30	2.61	78.00	TON	80.00	6,200	
Native Hay	1993	150	.50	75.00	TON	45.00	3,400	
	1992	150	.50	75.00	TON	50.00	3,800	
Irrigated Pasture	1993	2,000			ACRE	110.00	220,000	
	1992	2,000			ACRE	110.00	220,000	
Rangeland	1993	412,000			ACRE	10.00	4,120,000	
	1992	412,000			ACRE	10.00	4,120,000	
Misc.*	1993	100					25,000	
	1992	100					25,000	
*Includes wheat, safflower, beans, etc.						TOTAL:	1993	4,411,600
							1992	4,415,800

**TIMBER**

ITEM	YEAR	TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Timber	1993	82,429	MBF	426.00	35,110,600
Production	1992	64,700	MBF	241.00	15,621,000

**NURSERY CROPS**

ITEM	YEAR	TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Christmas Trees	1993	18,000	EACH	20.00	360,000
	1992	10,700	EACH	21.00	224,700
Nursery Products	1993				225,000
	1992				246,000
TOTAL:				1993	585,000
				1992	470,700

**SUSTAINABLE AGRICULTURAL REPORTING**

**BIOLOGICAL CONTROL PROGRAM**

PEST	BIO-AGENT	RELEASE DATE	PROGRAM 1993
Ash Whitefly	Parasitic Wasps	8/92	3 sites
<i>Siphoninus phillyreae</i>	<i>Encarsia partenopea</i>	8/91	2 sites
Italian Thistle	Seedhead Weevil	5/83	County-wide
<i>Carduus pycnocephalus</i>	<i>Rhinocyllus conicus</i>		
Klamath Weed	Klamath Weed Leaf Eating Beetle	5/92	9 sites
<i>Hypericum perforatum</i>	<i>Chrysolina quadrigemina</i>		
Milk Thistle	Seedhead Weevil	5/83	1 site surveyed
<i>Silybum marianum</i>	<i>Rhinocyllus conicus</i>		
Puncturevine	Puncturevine	7/92	8 sites
<i>Tribulus terrestris</i>	Seedhead Weevil		
	<i>Microlarinus lareynii</i>		
	Stem Infesting Weevil	7/92	8 sites
	<i>Microlarinus lypriformis</i>		
Western Grapeleaf Skeletonizer	Parasitic Wasp	6/84	7 sites
<i>Harrisina brillians</i>	<i>Ametadoria misella</i>		
	Parasitic Wasp	6/84	7 sites
	<i>Apanteles harrisinae</i>		
Yellow Starthistle	Yellow Starthistle	6/92	3 sites
<i>Centaurea solstitialis</i>	Seedhead Weevil	6/88	1 site
	<i>Bangasternus orientalis</i>		
	Seedhead Gall Fly	4/93	2 sites
	<i>Urophora sirunaseva</i>		
	Flower Hairy Weevil	8/93	1 site
	<i>Eustenopus villosus</i>		

### LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	VALUE TOTAL
Livestock & Poultry Products*	1993	2,008,000
	1992	1,342,000

\*Includes wool, mohair, milk, eggs, etc.

### LIVESTOCK AND POULTRY

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
Cattle & Calves	1993	12,700	72,200	CWT	78.72	5,683,600
	1992	11,700	64,000	CWT	78.15	5,001,600
Sheep & Lambs	1993	900	950	CWT	65.00	61,800
	1992	900	950	CWT	62.90	59,800
Swine	1993	1,500	1,950	CWT	48.60	94,800
	1992	1,450	1,890	CWT	63.93	120,800
Poultry*	1993					1,597,600
	1992					1,783,000
Misc.**	1993					160,000
	1992					160,000

\*Includes chickens, turkeys, game birds, squab, rabbits, etc.

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

TOTAL: 1993 7,597,800  
1992 7,125,200

### APIARY PRODUCTS

ITEM	YEAR	VALUE TOTAL
Apiary*	1993	438,600
	1992	532,700

\*Includes honey, wax, pollination, etc.

### VEGETABLE CROPS

ITEM	YEAR	VALUE TOTAL
Vegetable Crops*	1993	193,000
	1992	191,600

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

### PEST ERADICATION ACTIVITIES

PEST	AGENT/MECHANISM	PROGRAM
Dalmatian Toadflax <i>Linaria genistifolia</i> <i>spp. dalmatica</i>	Mechanical	3 plants detected 2 sites
Scotch Thistle <i>Onopordum acanthium</i>	Mechanical	1 plant pulled
Skeleton Weed <i>Chondrilla juncea</i>	Chemical	8 sites
Spotted Knapweed <i>Centaurea maculosa</i>	Mechanical Chemical	6 plants pulled 2 sites

### PEST EXCLUSION

PEST	AGENT/MECHANISM	PROGRAM
Exotic Pests (UPS, Incoming Nursery, Gypsy Moth)	Terminal Shipments	4,213 inspections 3 rejections

### ORGANIC FARMING STATISTICS

PRODUCT	NUMBER OF FARMS	ESTIMATED PRODUCTION
Beef	1	200 head
Vegetable & Fruit	3	8 acres

### LEADING FARM COMMODITIES

Cattle and Calves	\$5,683,600
Livestock and Poultry Products	2,008,000
Poultry	1,597,600
Apiary Products	438,600
Walnuts	406,000
Grapes	362,500
Christmas Trees	360,000
Nursery Products	225,000
Vegetable Crops	193,000
Olives	190,000

### STATISTICS - CALAVERAS COUNTY

Total Land Area	647,526 Acres
Rangeland	412,874 Acres
All Government Land	154,216 Acres
Water	15,772 Acres
Farms in County	330 Farms
All Farm Land	220,877 Acres
Irrigated Pasture	2,000 Acres
Land in Agricultural Preserves	125,128 Acres
Land in Timber Preserves	75,971 Acres

### COMPARATIVE PRODUCTION VALUES

1993	51,733,500	1988	24,410,300
1992	31,043,700	1987	19,323,300
1991	31,578,100	1986	15,450,900
1990	47,684,500	1985	15,829,900
1989	37,408,200	1984	14,643,100

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*California  
Agricultural  
Commission*

1994  
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OF  
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*Agricultural crop report*



**CALAVERAS COUNTY**  
**AGRICULTURE AND ENVIRONMENTAL MANAGEMENT AGENCY**

**DEPARTMENT OF  
 AGRICULTURE AND  
 WEIGHTS & MEASURES**  
 GOVERNMENT CENTER  
 891 MOUNTAIN RANCH ROAD  
 SAN ANDREAS, CALIFORNIA 95249-9709  
 TELEPHONE 209/754-6504 - FAX 209/754-6521

**JEARL D. HOWARD**  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS & MEASURES

**MARY MUTZ**  
 CHIEF DEPUTY  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS & MEASURES

DEPARTMENT OF AGRICULTURE  
 891 MOUNTAIN RANCH ROAD  
 SAN ANDREAS, CALIFORNIA 95249-9709  
 209/754-6504  
 1994 ANNUAL CROP REPORT

BOARD OF SUPERVISORS

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THOMAS TAYLOR	DISTRICT 2 - RAIL ROAD FLAT
MERITA CALLAWAY, CHAIR	DISTRICT 3 - AVERY
THOMAS TRYON, VICE CHAIR	DISTRICT 4 - ANGELS CAMP
TERRI BAILEY	DISTRICT 5 - COPPEROPOLIS

BRENT HARRINGTON, COUNTY ADMINISTRATIVE OFFICER

PRESENTED BY  
 JEARL D. HOWARD  
 AGRICULTURAL COMMISSIONER

STAFF

MARY MUTZ	CHIEF DEPUTY AGRICULTURAL COMMISSIONER/ DIRECTOR OF WEIGHTS AND MEASURES
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SHARON L. HANSEN	AGRICULTURAL/WEIGHTS AND MEASURES TECHNICIAN
SALVATORE P. FICHERA	DATA ENTRY OPERATOR

RECAPITULATION

<u>ITEM</u>	<u>1994</u>	<u>1993</u>	<u>1992</u>
FRUIT AND NUT CROPS	1,206,800	1,388,900	1,344,700
FIELD CROPS	4,447,100	4,411,600	4,415,800
VEGETABLE CROPS	165,000	193,000	191,600
NURSERY CROPS	855,900	585,000	470,700
TIMBER	24,530,000	35,110,600	15,621,000
LIVESTOCK AND POULTRY	6,690,700	7,597,800	7,125,200
LIVESTOCK AND POULTRY PROD.	1,151,800	2,008,000	1,342,000
APIARY PRODUCTS	300,100	438,600	532,700
	-----	-----	-----
	39,347,400	51,733,500	31,043,700
	=====	=====	=====

April 24, 1995

Michael Chrisman, Undersecretary  
 California Department of Food and Agriculture  
 and  
 The Honorable Board of Supervisors  
 County of Calaveras

I am pleased to present the 1994 Report of Agriculture as required by Section 2279 of the California Food and Agricultural Code.

The estimated value of agricultural production for 1994 was \$39,347,400, a decrease of \$12,386,100 from the 1993 all time high.

The largest decrease was seen in timber production. The \$24,530,000 in harvested timber for 1994 represents a reduction of \$10,580,600 from 1993. While timber values increased, harvest dropped dramatically due to reduced harvests on public lands and completion of salvage operations from the Old Gulch Fire.

Other areas of significant changes include; a decline in cattle sales of \$861,600 as producers increase stocking to near normal levels following the extended drought, a decline of \$856,200 in livestock and poultry products which is largely due to the closure of two egg production poultry units, and nursery crops increased by nearly \$300,000.

It must be emphasized that the figures in this report represent gross values and do not indicate net farm income or the cost of production and marketing.

I wish to express sincere appreciation to the many growers, livestock producers, organizations and agencies who supplied the data necessary to make this report possible, and to Douglas Norfolk who compiled the report

Respectfully submitted,

Jearl D. Howard  
 Agricultural Commissioner

FRUIT AND NUT CROPS: Acreage, Production and Value

ITEM	YEAR	BEARING ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds (meats)	1994	0	.00	0.00	TON	0.00	00
	1993	31	.58	18.00	TON	300.00	5,400
Walnuts (in shell)	1994	700	.40	280.00	TON	960.00	268,800
	1993	731	.40	290.00	TON	1400.00	406,000
Apples	1994	140	2.00	280.00	TON	350.00	98,000
	1993	140	1.80	250.00	TON	300.00	75,000
Grapes (wine)	1994	260	2.50	650.00	TON	600.00	390,000
	1993	260	2.40	625.00	TON	580.00	362,500
Olives	1994	250	1.00	250.00	TON	400.00	100,000
	1993	250	1.50	380.00	TON	500.00	190,000
Misc.*	1994						350,000
	1993						350,000

\*Includes cherries, berries, pears, peaches, etc. TOTAL: 1994 1,206,800  
1993 1,388,900

FIELD CROPS

ITEM	YEAR	BEARING ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Grain Hay	1994	300	1.80	540.00	TON	90.00	48,600
	1993	300	1.50	450.00	TON	80.00	36,000
Legume Hay	1994	30	3.00	90.00	TON	100.00	9,000
	1993	30	2.66	80.00	TON	90.00	7,200
Native Hay	1994	150	.50	75.00	TON	60.00	4,500
	1993	150	.50	75.00	TON	45.00	3,400
Irrigated Pasture	1994	2,000			ACRE	120.00	240,000
	1993	2,000			ACRE	110.00	220,000
Rangeland	1994	412,000			ACRE	10.00	4,120,000
	1993	412,000			ACRE	10.00	4,120,000
Misc.* Field Crops	1994	100					25,000
	1993	100					25,000

\*Includes wheat, safflower, beans, etc. TOTAL: 1994 4,447,100  
1993 4,411,600

TIMBER

ITEM	YEAR	TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Timber	1994	50,000	MBF	490.60	24,530,000
Production	1993	82,429	MBF	426.00	35,110,600

NURSERY CROPS

ITEM	YEAR	TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Christmas Trees	1994	13,600	EACH	20.00	272,000
	1993	18,000	EACH	20.00	360,000
Nursery Products	1994				583,900
	1993				225,000
TOTAL:	1994				855,900
	1993				585,000

SUSTAINABLE AGRICULTURAL REPORTING

BIOLOGICAL CONTROL PROGRAM

PEST	BIO-AGENT	RELEASE DATE	PROGRAM 1994
Ash Whitefly	Parasitic Wasps	8/92	3 sites
<i>Siphoninus phillyreae</i>	<i>Encarsia partenopea</i>	8/91	2 sites
Italian Thistle	Seedhead Weevil	5/83	County-wide
<i>Carduus pycnocephalus</i>	<i>Rhinocyllus conicus</i>		
Klamath Weed	Klamath Weed Leaf	5/92	9 sites
<i>Hypericum perforatum</i>	Eating Beetle		
	<i>Chrysolina quadrigemina</i>		
Milk Thistle	Seedhead Weevil	5/83	1 site
<i>Silybum marianum</i>	<i>Rhinocyllus conicus</i>		surveyed
Puncturevine	Puncturevine	8/93	1 site
<i>Tribulus terrestris</i>	Seedhead Weevil	7/92	8 sites
	<i>Microlarinus lareynli</i>		
	Stem Infesting Weevil	7/92	8 sites
	<i>Microlarinus lypriformis</i>		
Western Grapeleaf Skeletonizer	Parasitic Wasp	6/84	7 sites
<i>Harrisina brillians</i>	<i>Ametadoria misella</i>		
	Parasitic Wasp	6/84	7 sites
	<i>Apanteles harrisinae</i>		
Yellow Starthistle	Yellow Starthistle	6/94	10 sites
<i>Centaurea solstitialis</i>	Seedhead Weevil	6/92	3 sites
	<i>Bangasternus orientalis</i>	6/88	1 site
	Seedhead Gall Fly	4/94	1 site
	<i>Urophora sirunaseva</i>	4/93	2 sites
	Flower Hairy Weevil	6/94	1 site
	<i>Eustenopus villosus</i>	8/93	1 site

## LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	VALUE TOTAL
Livestock	1994	1,151,800
& Poultry Products*	1993	2,008,000

\*Includes wool, mohair, milk, eggs, etc.

## LIVESTOCK AND POULTRY

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
Cattle & Calves	1994	11,100	62,300	CWT	77.40	4,822,000
	1993	12,700	72,200	CWT	78.72	5,683,600
Sheep & Lambs	1994	940	990	CWT	65.60	64,900
	1993	900	950	CWT	65.90	61,800
Swine	1994	1,800	2,060	CWT	69.27	142,700
	1993	1,500	1,950	CWT	48.60	94,800
Poultry*	1994					1,501,100
	1993					1,597,600
Misc.**	1994					160,000
	1993					160,000

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

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

TOTAL: 1994 6,690,700  
1993 7,597,800

## APIARY PRODUCTS

ITEM	YEAR	VALUE TOTAL
Apiary*	1994	300,100
	1993	438,600

\*Includes honey, wax, pollination, etc.

## VEGETABLE CROPS

ITEM	YEAR	VALUE TOTAL
Vegetable	1994	165,000
Crops*	1993	193,000

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

## PEST ERADICATION ACTIVITIES

PEST	AGENT/MECHANISM	PROGRAM
Scotch Thistle <i>Onopordum acanthium</i>	Mechanical	1 plant pulled 1 site
Skeleton Weed <i>Chondrilla juncea</i>	Chemical	8 sites
Spotted Knapweed <i>Centaurea maculosa</i>	Mechanical	2 plants pulled
	Chemical	1 sites

## PEST EXCLUSION

PEST	AGENT/MECHANISM	PROGRAM
Exotic Pests (UPS, Incoming Nursery, Gypsy Moth)	Terminal Shipments	5,164 inspections 4 rejections

## ORGANIC FARMING STATISTICS

PRODUCT	NUMBER OF FARMS	ESTIMATED PRODUCTION
Beef	1	200 head
Vegetable & Fruit	3	10 acres

## LEADING FARM COMMODITIES

Cattle and Calves	\$4,822,000
Poultry	1,501,100
Livestock and Poultry Products	1,151,800
Nursery Products	583,900
Grapes	390,000
Apiary Products	300,100
Christmas Trees	272,000
Walnuts	268,800
Vegetable Crops	165,000
Swine	142,700

## STATISTICS - CALAVERAS COUNTY

Total Land Area	647,526 Acres
Rangeland	412,874 Acres
All Government Land	154,216 Acres
Water	15,772 Acres
Farms in County	330 Farms
All Farm Land	220,877 Acres
Irrigated Pasture	2,000 Acres
Land in Agricultural Preserves	125,056 Acres
Land in Timber Preserves	75,892 Acres

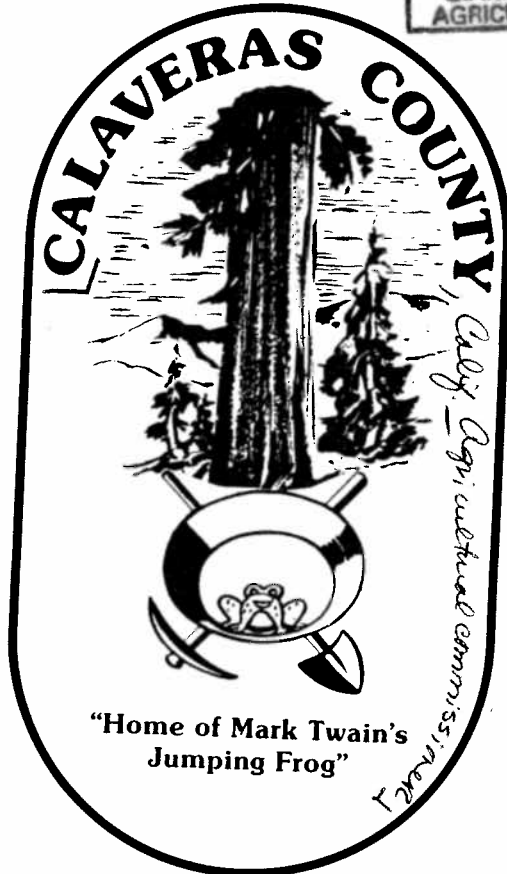
## COMPARATIVE PRODUCTION VALUES

1994	39,347,400	1989	37,408,200
1993	51,733,500	1988	24,410,300
1992	31,043,700	1987	19,323,300
1991	31,578,100	1986	15,450,900
1990	47,684,500	1985	15,829,900

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GIANNINI FOUNDATION OF AGRICULTURAL ECONOMICS



Agricultural crop report

1995

REPORT

OF

AGRICULTURE



**CALAVERAS COUNTY**  
 AGRICULTURE AND ENVIRONMENTAL MANAGEMENT AGENCY

**DEPARTMENT OF  
 AGRICULTURE AND  
 WEIGHTS & MEASURES**  
 GOVERNMENT CENTER  
 891 MOUNTAIN RANCH ROAD  
 SAN ANDREAS, CALIFORNIA 95249-9709  
 TELEPHONE 209/754-6504 - FAX 209/754-6521

**JEARL D. HOWARD**  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS & MEASURES

**MARY MUTZ**  
 CHIEF DEPUTY  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS & MEASURES

DEPARTMENT OF AGRICULTURE  
 891 MOUNTAIN RANCH ROAD  
 SAN ANDREAS, CALIFORNIA 95249-9709  
 209/754-6504  
 1995 ANNUAL CROP REPORT

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MERITA CALLAWAY	DISTRICT 3 - AVERY
THOMAS TRYON, CHAIRMAN	DISTRICT 4 - ANGELS CAMP
TERRI BAILEY	DISTRICT 5 - COPPEROPOLIS

BRENT HARRINGTON, COUNTY ADMINISTRATIVE OFFICER

PRESENTED BY  
 JEARL D. HOWARD  
 AGRICULTURAL COMMISSIONER

STAFF

MARY MUTZ	CHIEF DEPUTY AGRICULTURAL COMMISSIONER/ DIRECTOR OF WEIGHTS AND MEASURES
DOUGLAS V. NORFOLK	AGRICULTURAL BIOLOGIST/ WEIGHTS AND MEASURES INSPECTOR III
KARL O.E. KERSTAN	AGRICULTURAL BIOLOGIST/ WEIGHTS AND MEASURES INSPECTOR III
SALVATORE P. FICHERA	DATA ENTRY OPERATOR

May 3, 1996

Ann M. Veneman, Secretary  
 California Department of Food and Agriculture  
 and  
 The Honorable Board of Supervisors  
 County of Calaveras

As required by Section 2279 of the California Food and Agricultural Code, I respectfully submit the 1995 Report of Agriculture for Calaveras County.

The estimated value of agricultural production for 1995 was \$36,672,200, a decrease of \$3,689,200 from the 1994 production value.

The largest contributor to the decrease was timber. Although harvest increased, the value declined resulting in a decrease of over \$4,000,000 from 1994. Unseasonable weather last May was devastating to the apple crop. Wine grapes grew in both value and production. Cattle and calves experienced an increase in sales, but due to a marked drop in price from the previous year, declined in total value.

It must be emphasized that the figures in this report represent gross value and do not indicate net farm income or the cost of production and marketing.

I wish to express sincere appreciation to the many growers, livestock producers, organizations and agencies who supplied the data necessary to make this report possible, and to Douglas Norfolk who compiled the report

Respectfully submitted,

*Jearl D. Howard*

Jearl D. Howard  
 Agricultural Commissioner

**RECAPITULATION**

<u>ITEM</u>	<u>1995</u>	<u>1994</u>	<u>1993</u>
FRUIT AND NUT CROPS	1,836,700	1,206,800	1,388,900
FIELD CROPS	4,444,900	4,447,100	4,411,600
VEGETABLE CROPS	165,000	165,000	193,000
NURSERY CROPS	864,000	855,900	585,000
TIMBER	20,142,000	24,530,000	35,110,600
LIVESTOCK AND POULTRY	7,839,800	7,704,700*	7,597,800
LIVESTOCK AND POULTRY PROD.	1,019,700	1,151,800	2,008,000
APIARY PRODUCTS	360,100	300,100	438,600
	-----	-----	-----
	36,672,200	40,361,400*	51,733,500
	=====	=====	=====

\* Revised



**FRUIT AND NUT CROPS: Acreage, Production and Value**

ITEM	YEAR	BEARING ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Walnuts (in shell)	1995	700	.96	670.00	TON	1,290.00	864,300
	1994	700	.40	280.00	TON	960.00	268,800
Apples	1995	140	.20	30.00	TON	360.00	10,800
	1994	140	2.00	280.00	TON	350.00	98,000
Grapes (wine)	1995	260	3.30	860.00	TON	560.00	481,600
	1994	260	2.50	650.00	TON	600.00	390,000
Olives	1995	250	1.30	320.00	TON	500.00	160,000
	1994	250	1.00	250.00	TON	400.00	100,000
Misc.*	1995						320,000
	1994						350,000
*Includes cherries, berries, pears, peaches, pistachios, pecans, persimmons						TOTAL:	1995 1,836,700 1994 1,206,800

**FIELD CROPS**

ITEM	YEAR	BEARING ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Grain Hay	1995	300	1.80	540.00	TON	85.00	45,900
	1994	300	1.80	540.00	TON	90.00	48,600
Legume Hay	1995	40	2.00	80.00	TON	100.00	8,000
	1994	30	3.00	90.00	TON	100.00	9,000
Native Hay	1995	200	.50	100.00	TON	60.00	6,000
	1994	150	.50	75.00	TON	60.00	4,500
Irrigated Pasture	1995	2,000			ACRE	120.00	240,000
	1994	2,000			ACRE	120.00	240,000
Rangeland	1995	412,000			ACRE	10.00	4,120,000
	1994	412,000			ACRE	10.00	4,120,000
Misc.*	1995	100					25,000
Field Crops	1994	100					25,000
*Includes wheat, safflower, beans, etc.						TOTAL:	1995 4,444,900 1994 4,447,100

**TIMBER**

ITEM	YEAR	TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Timber	1995	54,000	MBF	373.00	20,142,000
Production	1994	50,000	MBF	490.60	24,530,000

**NURSERY CROPS**

ITEM	YEAR	TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Christmas Trees	1995	12,000	EACH	22.00	264,000
	1994	13,600	EACH	20.00	272,000
Nursery Products	1995				600,000
	1994				583,900
TOTAL:				1995	864,000
				1994	855,900

**SUSTAINABLE AGRICULTURAL REPORTING**

**BIOLOGICAL CONTROL PROGRAM**

PEST	BIO-AGENT	RELEASE DATE	PROGRAM 1995
Ash Whitefly	Parasitic Wasps	8/92	3 sites
<i>Siphoninus phillyreae</i>	<i>Encarsia partenopea</i>	8/91	2 sites
Italian Thistle	Seedhead Weevil	5/83	County-wide
<i>Carduus pycnocephalus</i>	<i>Rhinocyllus conicus</i>		
Klamath Weed	Klamath Weed Leaf	5/92	9 sites
<i>Hypericum perforatum</i>	Eating Beetle		
	<i>Chrysolina quadrigemina</i>		
Milk Thistle	Seedhead Weevil	5/83	1 site
<i>Silybum marianum</i>	<i>Rhinocyllus conicus</i>		surveyed
Puncturevine	Puncturevine	6/95	3 sites
<i>Tribulus terrestris</i>	Seedhead Weevil	8/93	1 site
	<i>Microgaster lareynii</i>	7/92	8 sites
	Stem Infesting Weevil	7/92	8 sites
	<i>Microgaster lareynii</i>		
Western Grapeleaf Skeletonizer	Parasitic Wasp	6/84	7 sites
<i>Harrisina brillians</i>	<i>Ametadoria misella</i>		
	Parasitic Wasp	6/84	7 sites
	<i>Apanteles harrisinae</i>		
Yellow Starthistle	Yellow Starthistle	6/95	5 sites
<i>Centaurea solstitialis</i>	Seedhead Weevil	6/94	10 sites
	<i>Bangasternus orientalis</i>	6/92	3 sites
		6/88	1 site
	Seedhead Gall Fly	4/94	1 site
	<i>Urophora sirunaseva</i>	4/93	2 sites
	Flower Hairy Weevil	6/95	3 sites
	<i>Eustenopus villosus</i>	6/94	1 site
		8/93	1 site

**LIVESTOCK AND POULTRY PRODUCTS**

ITEM	YEAR	VALUE TOTAL
Livestock & Poultry Products*	1995	1,019,700
	1994	1,151,800

\*Includes wool, mohair, milk, eggs, etc.

**LIVESTOCK AND POULTRY**

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
Cattle & Calves	1995	14,000	91,600	CWT	56.54	5,179,100
	1994	13,000*	87,000*	CWT	67.08*	5,836,000*
Sheep & Lambs	1995	1,000	1,050	CWT	74.60	77,700
	1994	940	990	CWT	65.60	64,900
Swine	1995	1,000	1,200	CWT	50.00	60,000
	1994	1,800	2,060	CWT	69.27	142,700
Poultry**	1995					2,363,000
	1994					1,501,100
Misc.***	1995					160,000
	1994					160,000
TOTAL:					1995	7,839,800
					1994	7,704,700*

\*Revised

\*\*Includes chickens, turkeys, game birds, squab, rabbits, etc.

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

**APIARY PRODUCTS**

ITEM	YEAR	VALUE TOTAL
Apiary*	1995	360,100
	1994	300,100

\*Includes honey, wax, pollination, etc.

**VEGETABLE CROPS**

ITEM	YEAR	VALUE TOTAL
Vegetable Crops*	1995	165,000
	1994	165,000

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

**PEST ERADICATION ACTIVITIES**

PEST	AGENT/MECHANISM	PROGRAM
Dalmation Toadflax <i>Linaria genistifolia</i>	Mechanical	6 plants pulled 2 sites
Scotch Thistle <i>Onopordum acanthium</i>	Mechanical Chemical	2 plants pulled 2 sites
Skeleton Weed <i>Chondrilla juncea</i>	Chemical	8 sites
Spotted Knapweed <i>Centaurea maculosa</i>	Mechanical Chemical	347 plants pulled 6 sites

**PEST EXCLUSION**

PEST	AGENT/MECHANISM	PROGRAM
Exotic Pests (UPS, Incoming Nursery, Gypsy Moth)	Terminal Shipments	3,743 inspections 3 rejections

**ORGANIC FARMING STATISTICS**

PRODUCT	NUMBER OF FARMS	ESTIMATED PRODUCTION
Vegetable & Fruit	2	5 acres

**LEADING FARM COMMODITIES**

Cattle and Calves	\$5,179,100
Poultry	2,363,000
Livestock and Poultry Products	1,019,700
Walnuts	864,300
Nursery Products	600,000
Grapes	481,600
Apiary Products	360,100
Christmas Trees	264,000
Vegetable Crops	165,000
Olives	160,000

**STATISTICS - CALAVERAS COUNTY**

Total Land Area	647,526 Acres
Rangeland	412,874 Acres
All Government Land	154,216 Acres
Water	15,772 Acres
Farms in County	330 Farms
All Farm Land	220,877 Acres
Irrigated Pasture	2,000 Acres
Land in Agricultural Preserves	132,222 Acres
Land in Timber Preserves	75,892 Acres

**COMPARATIVE PRODUCTION VALUES**

1995	36,672,200	1990	47,684,500
1994	40,361,400*	1989	37,408,200
1993	51,733,500	1988	24,410,300
1992	31,043,700	1987	19,323,300
1991	31,578,100	1986	15,450,900

\*Revised

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GIANNINI FOUNDATION OF AGRICULTURAL ECONOMICS



*Agricultural commissioner*

1996  
 REPORT  
 OF  
 AGRICULTURE

*Agricultural crop report*



# CALAVERAS COUNTY

## AGRICULTURE AND ENVIRONMENTAL MANAGEMENT AGENCY

### DEPARTMENT OF AGRICULTURE AND WEIGHTS & MEASURES

GOVERNMENT CENTER  
891 MOUNTAIN RANCH ROAD  
SAN ANDREAS, CALIFORNIA 95249-9709  
TELEPHONE 209/754-6504 - FAX 209/754-6521

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AGRICULTURAL COMMISSIONER  
DIRECTOR OF WEIGHTS & MEASURES

**MARY MUTZ**  
CHIEF DEPUTY  
AGRICULTURAL COMMISSIONER  
DIRECTOR OF WEIGHTS & MEASURES

DEPARTMENT OF AGRICULTURE  
891 MOUNTAIN RANCH ROAD  
SAN ANDREAS, CALIFORNIA 95249-9709  
209/754-6504  
1996 ANNUAL CROP REPORT

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

BRENT HARRINGTON, COUNTY ADMINISTRATIVE OFFICER

PRESENTED BY  
JEARL D. HOWARD  
AGRICULTURAL COMMISSIONER

### STAFF

MARY MUTZ CHIEF DEPUTY AGRICULTURAL COMMISSIONER/  
DIRECTOR OF WEIGHTS AND MEASURES

DOUGLAS V. NORFOLK AGRICULTURAL BIOLOGIST/  
WEIGHTS AND MEASURES INSPECTOR III

KARL O.E. KERSTAN AGRICULTURAL BIOLOGIST/  
WEIGHTS AND MEASURES INSPECTOR III

SALVATORE P. FICHERA DATA ENTRY OPERATOR I

### RECAPITULATION

ITEM	1996	1995	1994
FRUIT AND NUT CROPS	2,300,200	1,836,700	1,206,800
FIELD CROPS	4,428,100	4,444,900	4,447,100
VEGETABLE CROPS	166,100	165,000	165,000
NURSERY CROPS	882,500	864,000	855,900
TIMBER	18,620,400	20,142,000	24,530,000
LIVESTOCK AND POULTRY	6,773,900	7,839,800	*7,704,700
LIVESTOCK AND POULTRY PROD.	1,420,000	1,019,700	1,151,800
APIARY PRODUCTS	530,700	360,100	300,100
	<u>35,121,900</u>	<u>36,672,200</u>	<u>*40,361,400</u>

\*Revised

Ann M. Veneman, Secretary  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Calaveras

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 1996 Report of Agriculture for Calaveras County. This report is the product of information gathered from numerous sources and it must be emphasized that the figures represent gross value and do not reflect net farm income.

The estimated value of agricultural production for 1996 was \$35,121,900, a decrease of \$1,550,300 from the 1995 production value.

The value of harvested timber declined by \$1,521,600 as a result of a combination of lower prices and a reduction in harvested board feet. Production value of cattle and calves declined by nearly \$600,000 due to continued depressed market prices. On the positive side, wine grapes became a million dollar crop for the first time due to increased yields and higher prices. Wine grape values increased more than \$600,000 over 1995 values. Olive production also showed an increase in value of more than \$100,000 over the previous year due to higher prices and increased yield.

I wish to express sincere appreciation to the many growers, livestock producers, organizations and agencies who supplied the data necessary to make this report possible, and to Douglas Norfolk who compiled the report

Respectfully submitted,

Jearl D. Howard  
Agricultural Commissioner

**FRUIT AND NUT CROPS: Acreage, Production and Value**

ITEM	YEAR	BEARING ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Walnuts (in shell)	1996	700	.495	347.00	TON	1,567.00	543,700
	1995	700	.96	670.00	TON	1,290.00	864,300
Apples	1996	140	3.00	420.00	TON	200.00	84,000
	1995	140	.20	30.00	TON	360.00	10,800
Grapes (wine)	1996	260	4.50	1170.00	TON	945.00	1,105,700
	1995	260	3.30	860.00	TON	560.00	481,600
Olives*	1996	250	1.84	460.00	TON	580.00	266,800
	1995	250	1.30	320.00	TON	500.00	160,000
Misc.**	1996						300,000
	1995						320,000
*Includes fresh & oil						TOTAL:	1996 2,300,200
							1995 1,836,700

\*\*Includes cherries, berries, pears, peaches, pistachios, pecans, persimmons

**FIELD CROPS**

ITEM	YEAR	BEARING ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Grain Hay	1996	200	1.80	360.00	TON	85.00	30,600
	1995	300	1.80	540.00	TON	85.00	45,900
Legume Hay	1996	40	2.00	80.00	TON	100.00	8,000
	1995	40	2.00	80.00	TON	100.00	8,000
Native Hay	1996	150	.50	75.00	TON	60.00	4,500
	1995	200	.50	100.00	TON	60.00	6,000
Irrigated Pasture	1996	2,000			ACRE	120.00	240,000
	1995	2,000			ACRE	120.00	240,000
Rangeland	1996	412,000			ACRE	10.00	4,120,000
	1995	412,000			ACRE	10.00	4,120,000
Misc.* Field Crops	1996	100					25,000
	1995	100					25,000
*Includes wheat, safflower, beans, etc.						TOTAL:	1996 4,428,100
							1995 4,444,900

**TIMBER**

ITEM	YEAR	TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Timber Production	1996	52,600	MBF	354.00	18,620,400
	1995	54,000	MBF	373.00	20,142,000

**NURSERY CROPS**

ITEM	YEAR	TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Christmas Trees	1996	14,500	EACH	25.00	362,500
	1995	12,000	EACH	22.00	264,000
Nursery Products	1996				520,000
	1995				600,000
TOTAL:				1996	882,500
				1995	864,000

**SUSTAINABLE AGRICULTURAL REPORTING**

**BIOLOGICAL CONTROL PROGRAM**

PEST	BIO-AGENT	RELEASE DATE	PROGRAM 1996
Ash Whitefly	Parasitic Wasps	8/92	3 sites
<i>Siphoninus phillyreae</i>	<i>Encarsia partenopea</i>	8/91	2 sites
Italian Thistle	Seedhead Weevil	5/83	County-wide
<i>Caarduus pycnocephalus</i>	<i>Rhinocyllus conicus</i>		
Klamath Weed	Klamath Weed Leaf Eating Beetle	5/92	County-wide
<i>Hypericum perforatum</i>	<i>Chrysolina quadrigemina</i>		
Milk Thistle	Seedhead Weevil	5/83	County-wide
<i>Silybum marianum</i>	<i>Rhinocyllus conicus</i>		
Puncturevine	Puncturevine	6/95	3 sites
<i>Tribulus terrestris</i>	Seedhead Weevil	8/93	1 site
	<i>Microletus lareynii</i>	7/92	8 sites
	Stem Infesting Weevil	7/92	8 sites
	<i>Microletus lypriformis</i>		
Western Grapeleaf Skeletonizer	Parasitic Wasp	6/84	7 sites
<i>Harrisina brillians</i>	<i>Ametadoria misella</i>		
	Parasitic Wasp	6/84	7 sites
	<i>Apanteles harrisinae</i>		
Yellow Starthistle	Yellow Starthistle	6/95	5 sites
<i>Centaurea solstitialis</i>	Seedhead Weevil	6/94	10 sites
	<i>Bangasternus orientalis</i>	6/92	3 sites
		6/88	1 site
	Seedhead Gall Fly	4/94	1 site
	<i>Urophora sirunaseva</i>	4/93	2 sites
	Flower Hairy Weevil	6/95	3 sites
	<i>Eustenopus villosus</i>	6/94	1 site
		8/93	1 site

**LIVESTOCK AND POULTRY PRODUCTS**

ITEM	YEAR	VALUE TOTAL
Livestock	1996	1,420,000
& Poultry Products*	1995	1,019,700

\*Includes wool, mohair, milk, eggs, etc.

**LIVESTOCK AND POULTRY**

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
Cattle & Calves	1996	14,500	97,500	CWT	46.98	4,580,600
	1995	14,000	91,600	CWT	56.54	5,179,100
Sheep & Lambs	1996	1,100	1,250	CWT	91.60	114,500
	1995	1,000	1,050	CWT	74.00	77,700
Swine	1996	1,000	1,500	CWT	52.00	78,000
	1995	1,000	1,200	CWT	50.00	60,000
Poultry*	1996					1,835,800
	1995					2,363,000
Misc.**	1996					165,000
	1995					160,000

TOTAL: 1996 6,773,900  
1995 7,839,800

\*Includes chickens, turkeys, game birds, squab, rabbits, etc.

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

**APIARY PRODUCTS**

ITEM	YEAR	VALUE TOTAL
Apiary*	1996	530,700
	1995	360,100

\*Includes honey, wax, pollination, etc.

**VEGETABLE CROPS**

ITEM	YEAR	VALUE TOTAL
Vegetable Crops*	1996	166,100
	1995	165,000

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

**PEST ERADICATION ACTIVITIES**

PEST	AGENT/MECHANISM	PROGRAM
Dalmation Toadflax <i>Linaria genistifolia</i>	Mechanical	3 plants pulled 1 site
Scotch Thistle <i>Onopordum acanthium</i>	Mechanical Chemical	0 plants pulled 3 sites
Skeleton Weed <i>Chondrilla juncea</i>	Mechanical Chemical	429 plants pulled 4 sites
Spotted Knapweed <i>Centaurea maculosa</i>	Mechanical Chemical	0 plants pulled 4 sites

**PEST EXCLUSION**

PEST	AGENT/MECHANISM	PROGRAM
Exotic Pests (UPS, Incoming Nursery, Gypsy Moth)	Terminal Shipments	3,344 inspections 6 rejections

**ORGANIC FARMING STATISTICS**

PRODUCT	NUMBER OF FARMS	ESTIMATED PRODUCTION
Vegetable & Fruit	4	4 acres

**LEADING FARM COMMODITIES**

Cattle and Calves	\$4,580,600
Poultry	1,835,800
Livestock and Poultry Products	1,420,000
Grapes	1,105,700
Walnuts	543,700
Apiary Products	530,700
Nursery Products	520,000
Christmas Trees	362,500
Olives	266,800
Vegetable Crops	166,100

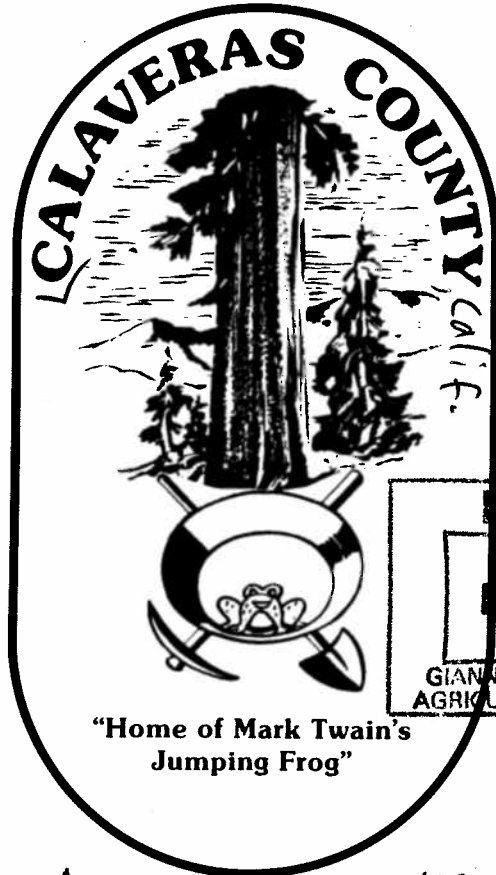
**STATISTICS - CALAVERAS COUNTY**

Total Land Area	647,526 Acres
Rangeland	412,874 Acres
All Government Land	154,216 Acres
Water	15,772 Acres
Farms in County	330 Farms
All Farm Land	220,877 Acres
Irrigated Pasture	2,000 Acres
Land in Agricultural Preserves	132,222 Acres
Land in Timber Preserves	75,892 Acres

**COMPARATIVE PRODUCTION VALUES**

1996	35,121,900	1991	31,578,100
1995	36,672,200	1990	47,684,500
1994	40,361,400*	1989	37,408,200
1993	51,733,500	1988	24,410,300
1992	31,043,700	1987	19,323,300

\*Revised



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*Agricultural crop report*



**CALAVERAS COUNTY**  
**AGRICULTURE AND ENVIRONMENTAL MANAGEMENT AGENCY**

**DEPARTMENT OF  
 AGRICULTURE AND  
 WEIGHTS & MEASURES**  
 GOVERNMENT CENTER  
 891 MOUNTAIN RANCH ROAD  
 SAN ANDREAS, CALIFORNIA 95249-9709  
 TELEPHONE 209/754-6504 - FAX 209/754-6521

**JEARL D. HOWARD**  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS & MEASURES

**MARY MUTZ**  
 CHIEF DEPUTY  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS & MEASURES

DEPARTMENT OF AGRICULTURE  
 891 MOUNTAIN RANCH ROAD  
 SAN ANDREAS, CALIFORNIA 95249-9709  
 209/754-6504  
 1997 ANNUAL CROP REPORT

**BOARD OF SUPERVISORS**

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 PAUL STEIN, VICE CHAIR  
 MERITA CALLAWAY, CHAIR  
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 TERRI BAILEY

DISTRICT 1 - SAN ANDREAS  
 DISTRICT 2 - WEST POINT  
 DISTRICT 3 - AVERY  
 DISTRICT 4 - ANGELS CAMP  
 DISTRICT 5 - VALLEY SPRINGS

BRENT HARRINGTON, COUNTY ADMINISTRATIVE OFFICER

PRESENTED BY  
 JEARL D. HOWARD  
 AGRICULTURAL COMMISSIONER

**STAFF**

MARY MUTZ	CHIEF DEPUTY AGRICULTURAL COMMISSIONER/ DIRECTOR OF WEIGHTS AND MEASURES
DOUGLAS V. NORFOLK	AGRICULTURAL BIOLOGIST/ WEIGHTS AND MEASURES INSPECTOR III
KARL O.E. KERSTAN	AGRICULTURAL BIOLOGIST/ WEIGHTS AND MEASURES INSPECTOR III
SALVATORE P. FICHERA	DATA ENTRY OPERATOR I

**RECAPITULATION**

<u>ITEM</u>	<u>1997</u>	<u>1996</u>	<u>1995</u>
FRUIT AND NUT CROPS	2,238,500	2,300,200	1,836,700
FIELD CROPS	4,417,100	4,428,100	4,444,900
VEGETABLE CROPS	168,500	166,100	165,000
NURSERY CROPS	896,000	882,500	864,000
TIMBER	20,163,000	18,620,400	20,142,000
LIVESTOCK AND POULTRY	6,611,900	6,773,900	7,839,800
LIVESTOCK AND POULTRY PROD.	1,209,500	1,420,000	1,019,700
APIARY PRODUCTS	500,700	530,700	360,100
	<u>36,205,200</u>	<u>35,121,900</u>	<u>36,672,200</u>

Ann M. Veneman, Secretary  
 California Department of Food and Agriculture  
 and  
 The Honorable Board of Supervisors  
 County of Calaveras

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 1997 Report of Agriculture for Calaveras County. This report is the product of information gathered from numerous sources and it must be emphasized that the figures represent gross value and do not reflect net farm income.

The estimated value of agricultural production for 1997 was \$36,205,200, an increase of \$1,083,300 from the 1996 production value.

The value of harvested timber declined by \$1,542,600 as a result of an increase in harvested board feet despite lower prices. Most other production categories remained fairly constant or showed slight overall declines. These fluctuations represent variation in price or overall production in comparison to the 1996 figures. Individual commodities that reflected gains in 1997 include; apples, wine grapes, and cattle and calves. Commodities that showed a decline in production value include; walnuts, olives, grain hay, and poultry.

I wish to express sincere appreciation to the many growers, livestock producers, organizations and agencies who supplied the data necessary to make this report possible, and to Douglas Norfolk who compiled the report.

Respectfully submitted,

Jearl D. Howard  
 Agricultural Commissioner



**FRUIT AND NUT CROPS: Acreage, Production and Value**

ITEM	YEAR	BEARING ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Walnuts (in shell)	1997	700	.50	350.00	TON	1,251.00	438,000
	1996	700	.495	347.00	TON	1,567.00	543,700
Apples	1997	140	4.00	562.00	TON	180.00	101,200
	1996	140	3.00	420.00	TON	200.00	84,000
Grapes (wine)	1997	260	4.35	1130.00	TON	1,010.00	1,141,300
	1996	260	4.50	1170.00	TON	945.00	1,105,700
Olives*	1997	250	1.72	430.00	TON	600.00	258,000
	1996	250	1.84	460.00	TON	580.00	266,800
Misc.**	1997						300,000
	1996						300,000

\*Includes fresh & oil  
 TOTAL: 1997 2,238,500  
 1996 2,300,200

\*\*Includes cherries, berries,  
 pears, peaches, pistachios,  
 pecans, persimmons

**FIELD CROPS**

ITEM	YEAR	BEARING ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Grain Hay	1997	200	1.00	200.00	TON	95.00	19,000
	1996	200	1.80	360.00	TON	85.00	30,600
Legume Hay	1997	40	2.00	80.00	TON	120.00	9,600
	1996	40	2.00	80.00	TON	100.00	8,000
Native Hay	1997	100	.50	50.00	TON	70.00	3,500
	1996	150	.50	75.00	TON	60.00	4,500
Irrigated Pasture	1997	2,000			ACRE	120.00	240,000
	1996	2,000			ACRE	120.00	240,000
Rangeland	1997	412,000			ACRE	10.00	4,120,000
	1996	412,000			ACRE	10.00	4,120,000
Misc.*	1997	100					25,000
Field Crops	1996	100					25,000

\*Includes wheat, safflower,  
 beans, etc.  
 TOTAL: 1997 4,417,100  
 1996 4,428,100

**TIMBER**

ITEM	YEAR	TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Timber	1997	61,100	MBF	330.00	20,163,000
Production	1996	52,600	MBF	354.00	18,620,400

**NURSERY CROPS**

ITEM	YEAR	TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Christmas Trees	1997	18,000	EACH	22.00	396,000
	1996	14,500	EACH	25.00	362,500
Nursery Products	1997				500,000
	1996				520,000
TOTAL:	1997				896,000
	1996				882,500

**SUSTAINABLE AGRICULTURAL REPORTING**

**BIOLOGICAL CONTROL PROGRAM**

PEST	BIO-AGENT	RELEASE DATE	PROGRAM
Ash Whitefly	Parasitic Wasps	8/92	3 sites
<i>Siphoninus phillyreae</i>	<i>Encarsia partenopea</i>	8/91	2 sites
Italian Thistle	Seedhead Weevil	5/83	County-wide
<i>Caarduus pycnocephalus</i>	<i>Rhinocyllus conicus</i>		
Klamath Weed	Klamath Weed Leaf Eating Beetle	5/92	County-wide
<i>Hypericum perforatum</i>	<i>Chrysolina quadrigemina</i>		
Milk Thistle	Seedhead Weevil	5/83	County-wide
<i>Silybum marianum</i>	<i>Rhinocyllus conicus</i>		
Puncturevine	Puncturevine	6/95	3 sites
<i>Tribulus terrestris</i>	Seedhead Weevil	8/93	1 site
	<i>Microtharax lareynii</i>	7/92	8 sites
	Stem Infesting Weevil	7/92	8 sites
	<i>Microtharax lypriformis</i>		
Western Grapeleaf Skeletonizer	Parasitic Wasp	6/84	7 sites
<i>Harrisina brillians</i>	<i>Ametadoria misella</i>		
	Parasitic Wasp	6/84	7 sites
	<i>Apanteles harrisinae</i>		
Yellow Starthistle	Yellow Starthistle	6/95	5 sites
<i>Centaurea solstitialis</i>	Seedhead Weevil	6/94	10 sites
	<i>Bangasternus orientalis</i>	6/92	3 sites
		6/88	1 site
	Seedhead Gall Fly	4/94	1 site
	<i>Urophora sirunaseva</i>	4/93	2 sites
	Flower Hairy Weevil	6/95	3 sites
	<i>Eustenopus villosus</i>	6/94	1 site
		8/93	1 site

**LIVESTOCK AND POULTRY PRODUCTS**

ITEM	YEAR	VALUE TOTAL
Livestock	1997	1,209,500
& Poultry Products*	1996	1,420,000

\*Includes wool, mohair, milk, eggs, etc.

**LIVESTOCK AND POULTRY**

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
Cattle & Calves	1997	15,300	101,600	CWT	48.80	4,958,100
	1996	14,500	97,500	CWT	46.98	4,580,600
Sheep & Lambs	1997	1,100	1,250	CWT	91.60	114,500
	1996	1,100	1,250	CWT	91.60	114,500
Swine	1997	1,000	1,500	CWT	54.70	82,100
	1996	1,000	1,500	CWT	52.00	78,000
Poultry*	1997					1,292,200
	1996					1,835,800
Misc.**	1997					165,000
	1996					165,000

TOTAL: 1997 6,611,900  
1996 6,773,900

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

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

**APIARY PRODUCTS**

ITEM	YEAR	VALUE TOTAL
Apiary*	1997	500,700
	1996	530,700

\*Includes honey, wax, pollination, etc.

**VEGETABLE CROPS**

ITEM	YEAR	VALUE TOTAL
Vegetable Crops*	1997	168,500
	1996	166,100

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

**PEST ERADICATION ACTIVITIES**

PEST	AGENT/MECHANISM	PROGRAM
Dalmation Toadflax <i>Linaria genistifolia</i>	Mechanical	No plants found 2 sites
Scotch Thistle <i>Onopordum acanthium</i>	Mechanical	No plants found 5 sites
Skeleton Weed <i>Chondrilla juncea</i>	Mechanical & Chemical	1545 plants pulled 9 sites
Spotted Knapweed <i>Centaurea maculosa</i>	Mechanical & Chemical	313 plants pulled 5 sites
Plumeless Thistle <i>Carduus acanthoides</i>	Mechanical & Chemical	8 plants pulled 1 site

**PEST EXCLUSION**

PEST	AGENT/MECHANISM	PROGRAM
Exotic Pests (UPS, Incoming Nursery, Gypsy Moth)	Terminal Shipments	2,850 inspections 4 rejections

**ORGANIC FARMING STATISTICS**

PRODUCT	NUMBER OF FARMS	ESTIMATED PRODUCTION
Vegetable & Fruit	4	4 acres

**LEADING FARM COMMODITIES**

Cattle and Calves	\$4,958,100
Poultry	1,292,200
Livestock and Poultry Products	1,209,500
Grapes	1,141,300
Apiary Products	500,700
Nursery Products	500,000
Walnuts	438,000
Christmas Trees	396,000
Olives	258,000
Vegetable Crops	168,500

**STATISTICS - CALAVERAS COUNTY**

Total Land Area	647,526 Acres
Rangeland	412,874 Acres
All Government Land	154,216 Acres
Water	15,772 Acres
Farms in County	330 Farms
All Farm Land	220,877 Acres
Irrigated Pasture	2,000 Acres
Land in Agricultural Preserves	126,348 Acres
Land in Timber Preserves	75,892 Acres

**COMPARATIVE PRODUCTION VALUES**

1997	36,205,200	1992	31,043,700
1996	35,121,900	1991	31,578,100
1995	36,672,200	1990	47,684,500
1994	40,361,400*	1989	37,408,200
1993	51,733,500	1988	24,410,300

\*Revised



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*Agricultural commissioner*

**1998  
 REPORT  
 OF  
 AGRICULTURE**  
*Agricultural crop report*



**CALAVERAS COUNTY**  
**AGRICULTURE AND ENVIRONMENTAL MANAGEMENT AGENCY**

**DEPARTMENT OF  
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 GOVERNMENT CENTER  
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 TELEPHONE 209/754-6504 - FAX 209/754-6521

**JEARL D. HOWARD**  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS & MEASURES

**MARY MUTZ**  
 CHIEF DEPUTY  
 AGRICULTURAL COMMISSIONER  
 DIRECTOR OF WEIGHTS & MEASURES

William J. Lyons Jr., Secretary  
 California Department of Food and Agriculture  
 and  
 The Honorable Board of Supervisors  
 County of Calaveras

The 1998 Agricultural Crop Report for Calaveras County is hereby submitted in accordance with Section 2279 of the California Food and Agricultural Code. All figures in this report represent gross returns only, and do not reflect net farm income.

The total gross value of agricultural production in Calaveras County for 1998 was \$32,800,800, a decrease of 9.4% from 1997 values. This decline is attributed to a significant reduction in the volume of harvested timber and prolonged winter weather conditions that negatively impacted many crops, but most notably fruit and nut crop production.

The value of harvested timber fell \$3,408,600 from the 1997 level. The reduced value is attributed to both a reduction in harvested board feet and price. Fruit and nut crop production declined by \$508,500 from the previous year due to extended cool, wet spring conditions. Cherry production was a total loss, walnut production was severely reduced as was the production of apples and olives. The value of wine grapes increased slightly due to an increase in the number of harvested acres, but the yield per acre was down from the 1997 level. The value of field crops increased by \$424,000 primarily as a result of the increased value of rangeland production. The value of livestock and poultry production increased \$196,300 from the 1997 level. The increase in value is attributed to increased sales of cattle and calves despite a slight reduction in price from a year ago. Livestock and poultry products, apiary products, vegetable crops and nursery crops showed only minor fluctuations from the previous year.

I wish to express our sincere appreciation to the many growers, livestock producers, organizations and agencies that supplied data essential to the compilation of this report. I also wish to recognize Douglas Norfolk of my staff who compiled the report.

Respectfully submitted,

Jearl D. Howard,  
 Agricultural Commissioner

**1998 ANNUAL CROP REPORT**

◆  
**BOARD OF SUPERVISORS**

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 THOMAS TRYON  
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DISTRICT 1 - SAN ANDREAS  
 DISTRICT 2 - WEST POINT  
 DISTRICT 3 - AVERY  
 DISTRICT 4 - ANGELS CAMP  
 DISTRICT 5 - VALLEY SPRINGS

◆  
 BRENT HARRINGTON, COUNTY ADMINISTRATIVE OFFICER

◆  
 PRESENTED BY  
 JEARL D. HOWARD  
 AGRICULTURAL COMMISSIONER

**STAFF**

MARY MUTZ	CHIEF DEPUTY AGRICULTURAL COMMISSIONER/ DIRECTOR OF WEIGHTS AND MEASURES
DOUGLAS V. NORFOLK	AGRICULTURAL BIOLOGIST/ WEIGHTS AND MEASURES INSPECTOR III
KARL O.E. KERSTAN	AGRICULTURAL BIOLOGIST/ WEIGHTS AND MEASURES INSPECTOR III
SALVATORE P. FICHERA	ACCOUNT TECHNICIAN III

**RECAPITULATION**

ITEM	1998	1997	1996
FRUIT AND NUT CROPS	1,730,000	2,238,500	2,300,200
FIELD CROPS	4,841,100	4,417,100	4,428,100
VEGETABLE CROPS	170,000	168,500	166,100
NURSERY CROPS	740,000	896,000	882,500
TIMBER	16,754,400	20,163,000	18,620,400
LIVESTOCK AND POULTRY	6,808,200	6,611,900	6,773,900
LIVESTOCK AND POULTRY PROD.	1,205,500	1,209,500	1,420,000
APIARY PRODUCTS	551,600	500,700	530,700
	<b>32,800,800</b>	<b>36,205,200</b>	<b>35,121,900</b>

### FRUIT AND NUT CROPS

CROP	YEAR	PRODUCTION		VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL UNIT	PER UNIT	TOTAL
Walnuts (in shell)	1998	700	.29	200.00 TON	1,000.00	200,000
	1997	700	.50	350.00 TON	1,251.00	438,000
Apples	1998	140	3.57	500.00 TON	120.00	60,000
	1997	140	4.00	562.00 TON	180.00	101,200
Grapes (wine)	1998	320	4.12	1320.00 TON	900.00	1,188,000
	1997	260	4.35	1130.00 TON	1,010.00	1,141,300
Olives*	1998	200	1.10	220.00 TON	600.00	132,000
	1997	250	1.72	430.00 TON	600.00	258,000
Misc.**	1998					150,000
	1997					300,000
				TOTAL: 1998		1,730,000
				1997		2,238,500

\*Includes fresh & oil

\*\*Includes cherries, berries, pears, peaches, pistachios, pecans, persimmons

### FIELD CROPS

CROP	YEAR	PRODUCTION		VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL UNIT	PER UNIT	TOTAL
Grain Hay	1998	200	1.50	300.00 TON	95.00	28,500
	1997	200	1.00	200.00 TON	95.00	19,000
Legume Hay	1998	40	2.00	80.00 TON	120.00	9,600
	1997	40	2.00	80.00 TON	120.00	9,600
Native Hay	1998	100	1.00	100.00 TON	60.00	6,000
	1997	100	.50	50.00 TON	70.00	3,500
Irrigated Pasture	1998	2,000		ACRE	120.00	240,000
	1997	2,000		ACRE	120.00	240,000
Rangeland	1998	412,000		ACRE	11.00	4,532,000
	1997	412,000		ACRE	10.00	4,120,000
Misc.* Field Crops	1998	100				25,000
	1997	100				25,000
				TOTAL: 1998		4,841,100
				1997		4,417,100

\*Includes wheat, safflower, beans, etc.

### VEGETABLE CROPS

ITEM	YEAR	PRODUCTION		VALUE	
		TOTAL UNIT	PER UNIT	TOTAL	TOTAL
Vegetable Crops*	1998				170,000
	1997				168,500
*Includes tomatoes, corn, peppers, melons, asparagus, etc.					
NURSEY CROPS					
VALUE					
CROP	YEAR	TOTAL UNIT	PER UNIT	TOTAL	
Christmas Trees	1998	20,000	EACH 22.00	440,000	
	1997	18,000	EACH 22.00	396,000	
Nursery Products	1998			300,000	
	1997			500,000	
				TOTAL: 1998	740,000
				1997	896,000

### SUSTAINABLE AGRICULTURAL REPORTING

#### BIOLOGICAL CONTROL PROGRAM

PEST	BIO-AGENT	RELEASE DATE	PROGRAM
Ash Whitefly	Parasitic Wasps, <i>Encarsia partenopea</i>	8/92	3 sites
<i>Siphoninus phillyreae</i>		8/91	2 sites
Italian Thistle	Seedhead Weevil, <i>Rhinocyllus conicus</i>	5/83	County-wide
<i>Carduus pycnocephalus</i>			
Klamath Weed	Leaf Eating Beetle, <i>Chrysolina quadrigemina</i>	5/92	County-wide
<i>Hypericum perforatum</i>			
Milk Thistle	Seedhead Weevil, <i>Rhinocyllus conicus</i>	5/83	County-wide
<i>Silybum marianum</i>			
Puncturevine	Seedhead Weevil, <i>Microlarinus lareynil</i>	6/95	3 sites
<i>Tribulus terrestris</i>		8/93	1 site
		7/92	8 sites
	Stem Infesting Weevil, <i>Microlarinus lypriformis</i>	7/92	8 sites
Western Grapeleaf Skeletonizer	Parasitic Wasp, <i>Ametadoria misella</i>	6/84	7 sites
<i>Harrisina brillians</i>	Parasitic Wasp, <i>Apanteles harrisinae</i>	6/84	7 sites
Yellow starthistle	Seedhead Weevil, <i>Bangasternus orientalis</i>	6/95	5 sites
<i>Centaurea solstitialis</i>		6/94	10 sites
		6/92	3 sites
		6/88	1 site
	Seedhead Gall Fly, <i>Urophora sirunaseva</i>	4/94	1 site
		4/93	2 sites
	Flower Hairy Weevil, <i>Eustenopus villosus</i>	6/95	3 sites
		6/94	1 site
		8/93	1 site
	Seedhead Fly, <i>Chaetorellia succinea</i>	detected 1998	1 site

**TIMBER**

**VALUE**

CROP	YEAR	TOTAL UNIT	PER UNIT	TOTAL
Timber	1998	53,700 MBF	312.00	16,754,400
Production	1997	61,100 MBF	330.00	20,163,000

**LIVESTOCK AND POULTRY PRODUCTS**

**PRODUCTION**

**VALUE**

ITEM	YEAR	TOTAL
Livestock	1998	1,205,500
& Poultry Products*	1997	1,209,500

\*Includes wool, mohair, milk, eggs, etc.

**LIVESTOCK AND POULTRY**

**PRODUCTION**

**VALUE**

ITEM	YEAR	NUMBER OF HEAD	LIVEWEIGHT	UNIT	PER UNIT	TOTAL
Cattle	1998	16,800	110,500	CWT	47.80	5,281,900
& Calves	1997	15,300	101,600	CWT	48.80	4,958,100
Sheep	1998	1,100	1,250	CWT	74.80	93,500
& Lambs	1997	1,100	1,250	CWT	91.60	114,500
Swine	1998	1,000	1,500	CWT	34.00	51,000
	1997	1,000	1,500	CWT	54.70	82,100
Poultry*	1998					1,231,800
	1997					1,292,200
Misc.**	1998					150,000
	1997					165,000

\*Includes chickens, turkeys, game birds, squab, rabbits, etc.

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

TOTAL: 1998 6,808,200  
1997 6,611,900

**APIARY PRODUCTS**

**PRODUCTION**

**VALUE**

ITEM	YEAR	TOTAL
Apiary*	1998	551,600
	1997	500,700

\*Includes honey, wax, pollination, etc.

**PEST ERADICATION ACTIVITIES**

PEST	AGENT/MECHANISM	PROGRAM
Dalmation Toadflax	Mechanical	No plants found
<i>Linaria genistifolia</i>		2 sites
Scotch Thistle	Mechanical	No plants found
<i>Onopordum acanthium</i>		5 sites
Skeleton Weed	Mechanical	173 plants pulled
<i>Chondrilla juncea</i>	& Chemical	9 sites
Spotted Knapweed	Mechanical	1380 plants pulled
<i>Centaurea maculosa</i>	& Chemical	6 sites
Plumeless Thistle	Mechanical	14 plants pulled
<i>Carduus acanthoides</i>	& Chemical	1 site

**PEST EXCLUSION ACTIVITIES**

PEST	AGENT/MECHANISM	PROGRAM
Exotic Pests	Terminal Shipments	2,269 inspections
(commercial and household goods movements)		6 rejections

**ORGANIC FARMING STATISTICS**

CROP	NUMBER OF FARMS	HARVESTED ACRES
Vegetable & Fruit	6	162 acres

**LEADING FARM COMMODITIES**

Cattle and Calves	\$5,281,900
Poultry	1,231,800
Livestock and Poultry Products	1,205,500
Grapes (Wine)	1,188,000
Apiary Products	551,600
Christmas Trees	440,000
Nursery Products	300,000
Walnuts	200,000
Vegetable Crops	170,000
Olives	132,000

**STATISTICS - CALAVERAS COUNTY**

Total Land Area	647,526 Acres
Rangeland	412,874 Acres
Government Land	154,216 Acres
Water	15,772 Acres
Farms in County	457 Farms
All Farm Land	245,116 Acres
Irrigated Pasture	2,000 Acres
Land in Agricultural Preserves	126,348 Acres
Land in Timber Preserves	75,930 Acres

**COMPARATIVE PRODUCTION VALUES**

1998	32,800,800	1992	31,043,700
1997	36,205,200	1991	31,578,100
1996	35,121,900	1990	47,684,500
1995	36,672,200	1989	37,408,200
1994	40,361,400(Revised)		

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*Agricultural commissioner*

1999  
 REPORT  
 OF  
 AGRICULTURE

*= Agricultural crop report*



# CALAVERAS COUNTY

AGRICULTURE AND ENVIRONMENTAL MANAGEMENT AGENCY

## DEPARTMENT OF AGRICULTURE AND WEIGHTS & MEASURES

GOVERNMENT CENTER  
891 MOUNTAIN RANCH ROAD  
SAN ANDREAS, CALIFORNIA 95249-9709  
TELEPHONE 209/754-6504 - FAX 209/754-6521

**JEARL D. HOWARD**  
AGRICULTURAL COMMISSIONER  
DIRECTOR OF WEIGHTS & MEASURES

**MARY MUTZ**  
CHIEF DEPUTY  
AGRICULTURAL COMMISSIONER  
DIRECTOR OF WEIGHTS & MEASURES

William J. Lyons Jr. Secretary  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Calaveras

I respectfully submit the 1999 Report of Agriculture for Calaveras County in accordance with Section 2279 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 total gross value of agricultural production in Calaveras County for 1999 was \$35,480,800, an increase of \$2,680,000 or 7.5% from 1998. The value of harvested timber increased \$3,144,600 from 1998 due to a significant increase in the volume harvested. Fruit and nut crop production increased \$314,200 due to increased walnut production and increased wine-grape values. Field crop production declined \$271,000 due to calculation of rangeland values. The reduction is due to the conversion of agricultural land to other uses which is based on figures from the U.S. Census Bureau. Nursery crop production declined \$143,000 as a result of a reduction in Christmas trees harvested. Livestock and poultry production increased \$235,900 from the prior year due to increased sales and slightly higher prices for cattle, sheep, swine and poultry. Livestock and poultry products fell \$405,500 due to weak wool and mohair prices and a decrease in egg production from the prior year. The value of apiary products declined \$195,100 due to fewer colonies of bees entering the County and a shorter than normal spring nectar flow in 1999.

I wish to express my sincere appreciation to the many individuals, organizations and agencies that furnished data essential to the compilation of this report. I would like to recognize Douglas Norfolk of my staff who compiled the report.

Respectfully submitted,

Jearl D. Howard,  
Agricultural Commissioner

# 1999 ANNUAL CROP REPORT

## BOARD OF SUPERVISORS

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PRESENTED BY  
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AGRICULTURAL COMMISSIONER

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SEASONAL TECHNICIAN

## RECAPITULATION

ITEM	1999	1998	1997
FRUIT AND NUT CROPS	2,044,200	1,730,000	2,238,500
FIELD CROPS	4,570,000	4,841,100	4,417,100
VEGETABLE CROPS	170,000	170,000	168,500
NURSERY CROPS	597,000	740,000	896,000
TIMBER	19,899,000	16,754,400	20,163,000
LIVESTOCK AND POULTRY	7,044,100	6,808,200	6,611,900
LIVESTOCK AND POULTRY PROD.	800,000	1,205,500	1,209,500
APIARY PRODUCTS	356,500	551,600	500,700
	<u>\$35,480,800</u>	<u>\$32,800,800</u>	<u>\$36,205,200</u>



## FRUIT AND NUT CROPS

CROP	YEAR	PRODUCTION		VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL UNIT	PER UNIT	TOTAL
Walnuts (in shell)	1999	700	.6	420.00 TON	880.00	369,600
	1998	700	.29	200.00 TON	1,000.00	200,000
Apples	1999	140	2.86	400.00 TON	120.00	48,000
	1998	140	3.57	500.00 TON	120.00	60,000
Grapes (wine)	1999	320	3.88	1240.00 TON	1,140.00	1,413,600
	1998	320	4.12	1320.00 TON	900.00	1,188,000
Olives*	1999	200	1.05	210.00 TON	300.00	63,000
	1998	200	1.10	220.00 TON	600.00	132,000
Misc.**	1999					150,000
	1998					150,000

\*Includes fresh & oil

\*\*Includes cherries, berries, pears, peaches, pistachios, pecans, persimmons

TOTAL: 1999 2,044,200

1998 1,730,000

## FIELD CROPS

CROP	YEAR	PRODUCTION		VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL UNIT	PER UNIT	TOTAL
Grain Hay	1999	150	1.50	225.00 TON	95.00	21,400
	1998	200	1.50	300.00 TON	95.00	28,500
Legume Hay	1999	40	2.00	80.00 TON	120.00	9,600
	1998	40	2.00	80.00 TON	120.00	9,600
Native Hay	1999	100	1.00	100.00 TON	60.00	6,000
	1998	100	1.00	100.00 TON	60.00	6,000
Irrigated Pasture	1999	2,000		ACRE	120.00	240,000
	1998	2,000		ACRE	120.00	240,000
Rangeland	1999	388,000		ACRE	11.00	4,268,000
	1998	412,000		ACRE	11.00	4,532,000
Misc.* Field Crops	1999	100				25,000
	1998	100				<u>25,000</u>

\*Includes wheat, safflower, beans, etc.

TOTAL: 1999 4,570,000

1998 4,841,100

## VEGETABLE CROPS

CROP	YEAR	PRODUCTION		VALUE
		TOTAL UNIT	PER UNIT	TOTAL
Vegetable Crops*	1999			170,000
	1998			170,000

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

## NURSERY CROPS

CROP	YEAR	PRODUCTION			VALUE
		TOTAL UNIT	PER UNIT	TOTAL	
Christmas Trees	1999	13,500	EACH	22.00	297,000
	1998	20,000	EACH	22.00	440,000
Nursery Products	1999				300,000
	1998				300,000
TOTAL: 1999					597,000
					1998 <u>740,000</u>

## SUSTAINABLE AGRICULTURAL REPORTING

### BIOLOGICAL CONTROL PROGRAM

PEST	BIO-AGENT	PROGRAM
Ash Whitefly <i>Siphoninus phillyreae</i>	Parasitic Wasps, <i>Encarsia partenopea</i>	5 sites
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 lareynii</i>	12 sites
	Stem Infesting Weevil, <i>Microlarinus lypriformis</i>	8 sites
Western Grapeleaf Skeletonizer <i>Harrisina brillians</i>	Parasitic Wasp, <i>Ametadoria misella</i>	7 sites
	Parasitic Wasp, <i>Apanteles harrisinae</i>	7 sites
Yellow starthistle <i>Centaurea solstitialis</i>	Seedhead Weevil, <i>Bangasternus orientalis</i>	County-wide
	Seedhead Gall Fly, <i>Urophora sirunaseva</i>	3 sites
	Flower Hairy Weevil, <i>Eustenopus villosus</i>	5 sites
	Seedhead Fly, <i>Chaetorellia succinea</i>	1 site
Russian thistle <i>Salsola australis</i>	Stem mining moth <i>Coleophora spp.</i>	3 sites

## TIMBER

CROP	YEAR	TOTAL UNIT	VALUE	
			PER UNIT	TOTAL
Timber	1999	67,000 MBF	297.00	19,899,000
Production	1998	53,700 MBF	312.00	16,754,400

## LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	VALUE
		TOTAL	TOTAL
Livestock	1999		800,000
& Poultry Products*	1998		1,205,500

\*Includes wool, mohair, eggs, etc.

## LIVESTOCK AND POULTRY

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NUMBER OF HEAD	LIVEWEIGHT		PER UNIT	TOTAL
Cattle & Calves	1999	16,900	111,800	CWT	49.00	5,478,200
	1998	16,800	110,500	CWT	47.80	5,281,900
Sheep & Lambs	1999	1,200	1,380	CWT	75.00	103,500
	1998	1,100	1,250	CWT	74.80	93,500
Swine	1999	1,000	1,500	CWT	35.00	52,500
	1998	1,000	1,500	CWT	34.00	51,000
Poultry*	1999					1,259,900
	1998					1,231,800
Misc.**	1999					150,000
	1998					150,000

\*Includes chickens, turkeys, game birds, squab, rabbits, etc. TOTAL: 1999 7,044,100  
1998 6,808,200

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

## APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	VALUE
		TOTAL	TOTAL
Apiary*	1999		356,500
	1998		551,600

\*Includes honey, wax, pollination, etc.

## PEST ERADICATION ACTIVITIES

PEST	AGENT/MECHANISM	PROGRAM
Dalmation Toadflax <i>Linaria genistifolia</i>		No plants found 2 sites
Scotch Thistle <i>Onopordum acanthium</i>		No plants found 5 sites
Skeleton Weed <i>Chondrilla juncea</i>	Chemical	10 sites
Spotted Knapweed <i>Centaurea maculosa</i>	Mechanical & Chemical	2500 plants pulled 6 sites
Plumeless Thistle <i>Carduus acanthoides</i>	Chemical	1 site

## PEST EXCLUSION ACTIVITIES

PEST	AGENT/MECHANISM	PROGRAM
Exotic Pests (commercial and household goods movements)	Terminal Shipments	2,457 inspections 7 rejections

## ORGANIC FARMING STATISTICS

CROP	NUMBER OF FARMS	HARVESTED ACRES
Vegetable & Fruit	6	18 acres

## LEADING FARM COMMODITIES

Cattle and Calves	\$5,478,200
Grapes (Wine)	1,413,600
Poultry	1,259,900
Livestock and Poultry Products	800,000
Walnuts	369,600
Apiary Products	356,500
Nursery Products	300,000
Christmas Trees	297,000
Vegetable Crops	170,000
Sheep and Lambs	103,500

## STATISTICS - CALAVERAS COUNTY

Total Land Area	652,920 Acres
Rangeland	387,855 Acres
Government Land	154,216 Acres
Water	16,300 Acres
Farms in County	457 Farms
All Farm Land	245,116 Acres
Irrigated Pasture	2,000 Acres
Land in Agricultural Preserves	137,463 Acres
Land in Timber Preserves	76,010 Acres

## COMPARATIVE PRODUCTION VALUES

1999	35,480,800	1994	40,361,400
1998	32,800,800	1993	51,733,500
1997	36,205,200	1992	31,043,700
1996	35,121,900	1991	31,578,100
1995	36,672,200	1990	47,684,500