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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

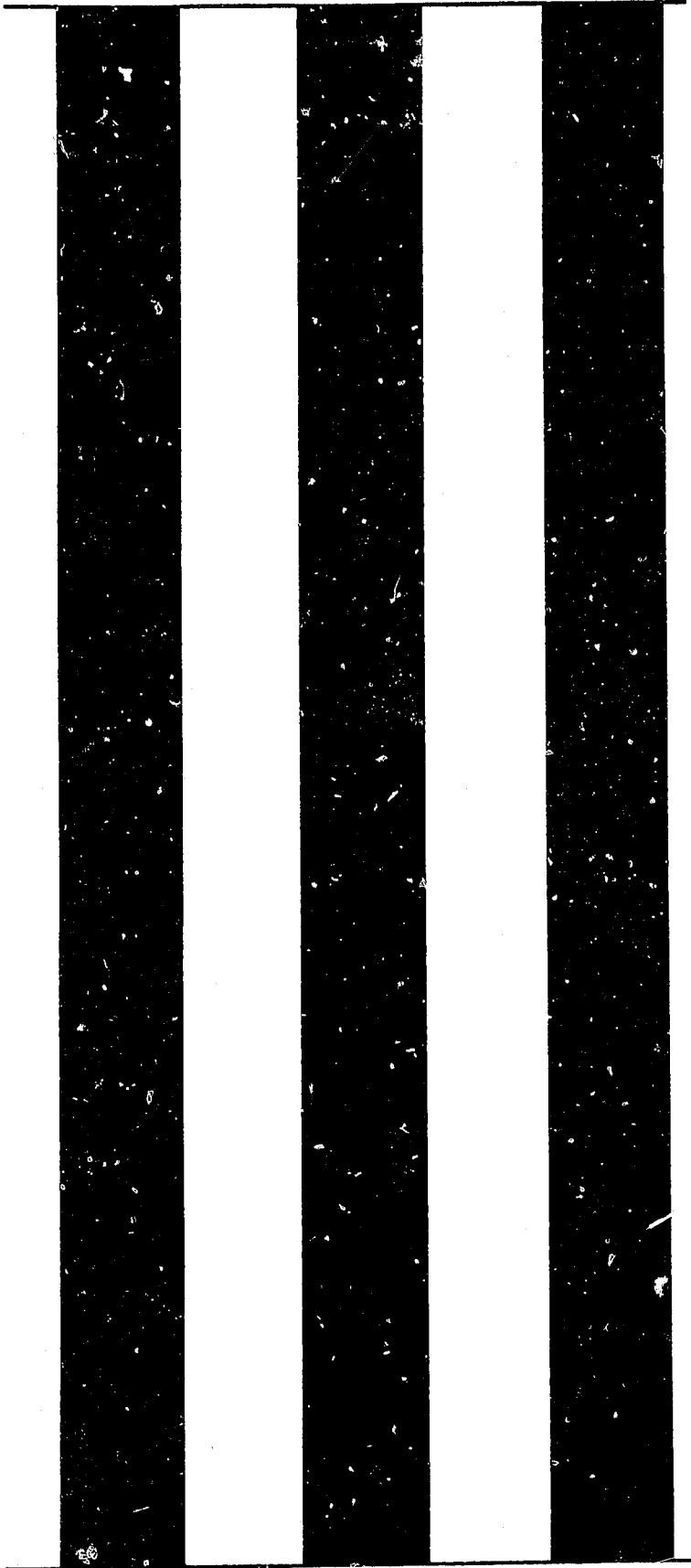
Calaveras County

1969-1974

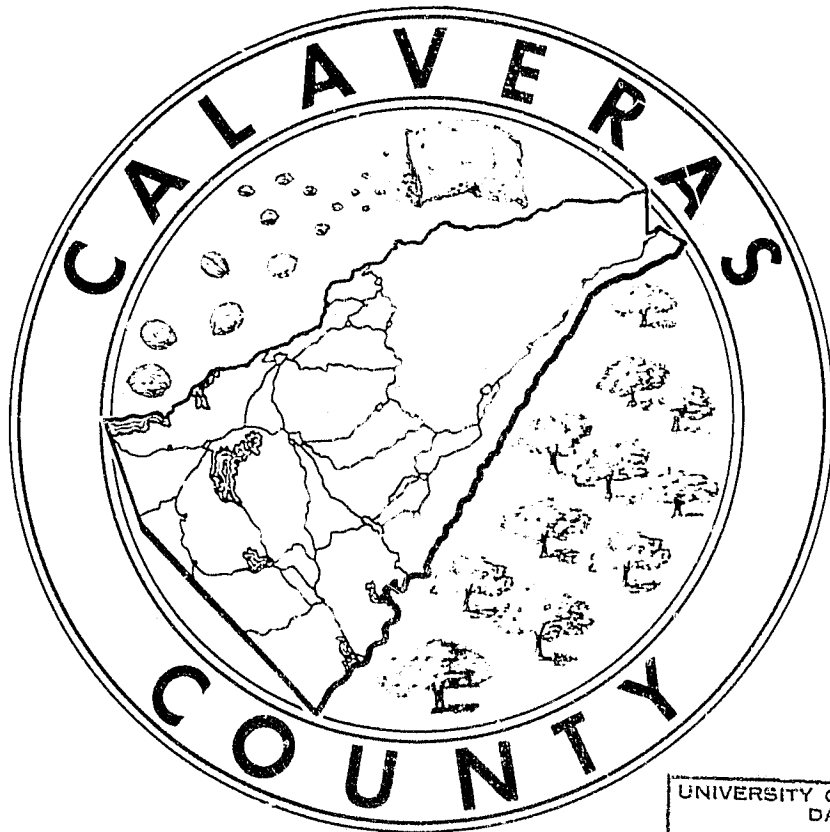
California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

This digitization project was funded by the Giannini Foundation of Agricultural Economics,
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1969



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1969

AGRICULTURAL CROP REPORT

DEPARTMENT OF AGRICULTURE

GOVERNMENT CENTER, SAN ANDREAS, CALIFORNIA 95249

WESLEY B. ANDAHL

Agricultural Commissioner
and
Director of Weights & Measures

COVER STORY

In 1969, there were 225 tons of English walnuts harvested in Calaveras County. Walnut production in the county is increasing every year. There are approximately 600 acres of land planted in walnuts that bear a crop each year. Another 150 acres are planted in walnuts that have not reached the bearing age as yet. The gross income from walnut production in the county in 1969 was approximately \$108,000.

Franquette is the leading local variety with Hartley and Payne also being produced in this area.

So-called English walnuts have never been grown in England but came originally from Persia. They were called English walnuts because merchant ships flying the English flag transported them from Persia throughout the world.

The Franciscan Fathers planted the first walnut trees in California in the 1700's.

Today, California grows more than 96 percent of all the nation's walnuts. This also amounts to most of the world's supply. More of the nuts are now sold shelled than in shell. Walnut shells have a commercial value, too. The shell material is used as a filler for plywood glue, as a dust for insecticides and blasting powder and in asphalt roofing and in oil well drilling.

Walnuts are high in food energy and are widely used in foods.

DEPARTMENT OF AGRICULTURE
ANNUAL REPORT

JERRY W. FIELDER, DIRECTOR

CALIFORNIA DEPARTMENT OF AGRICULTURE

AND

THE CALAVERAS COUNTY BOARD OF SUPERVISORS

VRLE MINTO.....CHAIRMAN.....DISTRICT 4, Altaville
DON M. CUNEO.....DISTRICT 1, San Andreas
ERNEST F. BERNASCONI.....DISTRICT 2, West Point
ROBERT W. BOLES.....DISTRICT 3, Hathaway Pines
JOHN R. FISCHER.....DISTRICT 5, Valley Springs

PRESENTED BY

WESLEY B. ANDAHL
AGRICULTURAL COMMISSIONER

DOUGLAS JOSES

AGRICULTURAL INSPECTOR

JERRY HOWARD

AGRICULTURAL INSPECTOR

NELL HARRIS

STENO-CLERK II

CALAVERAS COUNTY

W. B. ANDAHL
AGRICULTURAL COMMISSIONER
COUNTY DIRECTOR OF WEIGHTS AND MEASURES
GOVERNMENT CENTER

TELEPHONE 209-754-4142

AN ANDREAS, CALIFORNIA 95249

Mr. Jerry W. Fielder, Director
State Department of Agriculture
Sacramento, Ca.

and

The Honorable Board of Supervisors
Calaveras County

Gentlemen:

I am pleased to submit the annual Crop and Livestock Report for 1969 in compliance with Section 2279 of the Agricultural Code.

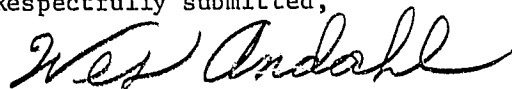
The gross value of the agricultural crop was \$5,712,439, an increase of \$711,404 from 1968. The major part of this increase is reflected in livestock and poultry. The majority of this increase may be attributed to price increases over the previous year. In livestock, there has been a change from cows and calves to feeder steers and heifers.

There was an increase in the number of ranches from 220 to 230 this year. This was due to more people becoming interested in agriculture in the county.

It must be emphasized that this report reflects a gross return and in no way represents the actual profit to the producers.

I want to express my appreciation for the cooperation and assistance of farmers, producers and industries who provide the information and records to compile this report, and especially the members of my staff.

Respectfully submitted,



WESLEY B. ANDAHL
Agricultural Commissioner and
Director of Weights and Measures

WEED CONTROL

Weed control is one of the most important functions of the Calaveras County Agricultural Department. It is necessary to wage an unending war against weeds that invade the farmland and the rangeland in the county. Weeds, if not controlled, can reduce the potential agricultural productivity of land by as much as eight percent by reducing yields and the quality of the crop.

Our program of weed control is carried on throughout the year. We begin with soil sterilization along county roadsides in the winter months and carry out a program of spraying for noxious weeds, general brush and blackberries during the balance of the year. Chemical control has proved to be the most efficient and economical way to control weeds. It eliminates hand work and mechanical work along roadsides and does a more thorough job of getting rid of weeds. It also makes for better visibility, helps to prevent fire, beautifies the roadsides and helps to control insects and snakes that would be harbored in heavy growths of weeds.

Some of the noxious weeds under surveillance and control in the county are: Scotch Broom, Johnson Grass, Distaff Thistle and Puncture Vine. Our inspectors are continually on the alert for new infestations that may occur and are working to eliminate the known infestations in the county. Chemicals are used to control these weeds as a general rule. In certain cases, such as for Klamath Weed and Puncture Vine, we are also using biological control. Klamath beetles which eat nothing but Klamath Weed and weevils which eat the seeds and stems of the Puncture Vine, have been brought in to the county to be used in the control of these two weeds.

In 1969, several experimental plots for weed control were established with the use of new chemicals. The purpose of the experiments is to determine which chemicals do the most efficient job for the least cost.

In addition to the weed control work along the county roads, our crews spray the county dumps, the airport, the fairgrounds and the cemetery districts. Spraying is also done for the utility districts and the water districts.

In 1969, we treated 463.42 acres in special districts and areas where noxious weeds were found. There was a total of 2,088.64 miles of roadsides sprayed for weed control. A total of 2,692 man hours was used to accomplish this work.

PEST CONTROL

Pest control has many phases. This work involves survey work, recommendations for control of insects and plant diseases, identification of insects, weeds and plant disease, examination and registration of those desiring to do pest control work in the county, issuing permits for the use of injurious herbicides and injurious materials and compiling reports on the use of these materials, and mixing and distributing poison bait for insect control.

The purpose of insect survey work is to determine if any new insect pests have arrived in the county. During the past year, separate surveys were made for the Khapra beetle, Japanese beetle, Gypsy moth, fruit flies and the Cloverleaf tier. None of these destructive insects were found in Calaveras County. If they had been found, steps would have been taken immediately to eradicate these pests.

The Agricultural Commissioner makes control recommendations for insect pests and plant disease infestations. Identification of insects and plant diseases is also a part of our service. Poison bait is prepared and distributed by this department for the control of grasshoppers and earwigs. In 1969, we distributed a total of 3,355 pounds of this bait to county residents.

The Agricultural Commissioner is also charged with the responsibility of issuing permits for the use of injurious herbicides and injurious materials. In compliance with recent new laws, the use of all types of pesticides must be compiled and reported to the state each month. All Pest Control Operators who work in the county must be registered and their equipment and operating procedures checked regularly. All laws and regulations pertaining to pest control work must be enforced and if there are infractions of the laws, this department must conduct an investigation and hold a hearing if necessary. In 1969, there were 10 Pest Control Operators registered to do work in the county. We issued 109 permits to county residents for the use of injurious herbicides.

We had a total of 920 calls on pest control during the year and used a total of 427.5 man hours in this field. We spent 128.5 hours in pest survey work in 1969.

APIARY

Beekeeping is an important industry in the county as bees are necessary for pollination of crops as well as for production of honey and beeswax. Honey production in Calaveras County in 1969 was good.

All colonies of bees owned by residents of the county must be registered each fall with the Agricultural Commissioner. Last year, there were 30 hives of bees based in Calaveras County. There were 1,656

APIARY (continued)

migratory colonies of bees in the county during the spring and summer months of 1969. All movement of bees from one county to another must be reported to the Agricultural Commissioners of both counties when a move is made. The report is required within five days of the move.

Hives may be inspected at any time for disease. The most serious among the diseases that affect bees is American Foulbrood. If American Foulbrood is found in a hive, the hive and bees must be destroyed. Other diseases are not this serious and may be eliminated by treatment. Bee diseases are carried from one hive to another, therefore regular inspection is important to keep hives free from disease.

Time spent in apiary inspection in 1969 totalled 36 hours.

RODENT CONTROL

Damage by rodents in California amounts to several million dollars per year. Our Calaveras County Department of Agriculture has an effective program of rodent control that helps protect our ranchers and other growers from loss by rodents. We distributed 886 pounds of poisoned bait for the control of gophers, ground squirrels, rats and mice to county residents during the last year. In addition to this, we furnished 58 "lollipops" for the control of muskrats that were damaging some of the reservoirs in the county. Instructions for the use of the baits and other information on rodent control is available to the public in the form of "One Sheet Answers".

Our inspectors assisted ranchers in the control of ground squirrels on large acreages in several cases in 1969. Compound "1080" is used for this purpose and may only be used with the help of qualified personnel. The gross total of acreage treated was 14,989 acres. A total of 219 pounds of Compound "1080" was required for this work.

A total of 914 man hours was spent in rodent control in 1969.

NURSERY INSPECTION

All nurseries in the county must be licensed by the state and it is the responsibility of the Agricultural Commissioner to make inspections of nurseries at least twice each year for cleanliness and freedom from pests.

It is unlawful for a person to move nursery stock from one locality to another without a valid nursery stock certificate. All nurseries must have their stock properly labeled. No violations were found in any of the county nurseries in 1969. When inspections showed light infestations of such pests as mealy bugs, aphids or leaf hoppers, a general clean-up spray was recommended to the nursery owner. Excellent cooperation by the nurserymen made further recommendations unnecessary.

There were 129 man hours spent on nursery inspection and support work during the year.

PLANT QUARANTINE

Plant quarantine inspection is the first line of defense against new plant pests that can cause a serious threat to county agriculture. Both Federal and State quarantine regulations must be enforced by the Agricultural Commissioner and his deputies. These laws restrict the movement of plants, plant pest organisms and soil without proper certification. There are also laws that restrict the importation and transportation of certain wild birds and animals.

Inspection of packages containing plants and plant material are made at Post Offices, nurseries and other depots where products such as fruit, seed and grains may be received. If the material is found to be free from pests, it is released immediately to the consignee. If it is found to be infested, a "Hold Order" is placed on the material and it must be returned to the shipper or destroyed. If plant pests can be intercepted at receiving points, infestations may be prevented and much damage averted. Pests hurt the consumer. Agricultural damage done by insects, plant diseases and weeds amount to several billion dollars a year in the United States. Eventually, some of this cost must be paid by the consumer.

During 1969, our staff inspected 34,046 plants. Only 8 plants were rejected. Time spent in quarantine work amounted to 416 man hours.

STANDARDIZATION

Certain standards are set by the Agricultural Code for fruit, nut and vegetable products as well as for honey, eggs and poultry meat. These standards must be maintained if we are to find quality items on our grocer's shelves. Last year, our inspectors visited 231 business establishments and inspected 9,848 lots consisting of 15,590 packages of fruit, nut and vegetable products. There were 124 lots consisting of 1,418 packages of honey inspected and 44 lots consisting of 1,041 packages of poultry checked for conformation to standards.

Our inspectors also inspected 209 lots consisting of 5,787 dozen eggs in 64 stores. There were 737 dozen rejected and 10 non-compliance notices issued. The rejected eggs were returned to the packers.

A total of 181 man hours were spent working on standards in 1969.

WEIGHTS AND MEASURES

The functions carried out by the Department of Weights and Measures are important to every one in the county. Because of the inspections and surveillance done by this department, you can be sure that you are getting your "money's worth" in measures when you make a purchase of a commodity that must be weighed or measured. Every scale and weighing device in the county is tested periodically to make sure that it is in balance and that it will weigh and measure commodities accurately.

WEIGHTS AND MEASURES (continued)

In 1969, our staff inspected 474 weighing and measuring devices in the county. The majority of these devices were found to be accurate and were "sealed" without correction. There were 111 that had to be corrected before sealing and 24 that were declared "Out of Order". The "Out of Order" devices must be repaired and inspected before they can be put back into service. If the device is not repairable, it is confiscated. There was a total of 863.5 man hours spent in Device Inspection. A total of 204 Certificates of Inspection were issued.

Quantity Control work consists of weighing and sampling pre-packaged goods to determine if the packages contain what the label claims that they do. In 1969, our inspectors sampled 6,398 packages. Out of this total, 123 were returned to the packer because they did not meet standards. This is one of the ways that the consumer is protected against deceptive labeling or shortages in weight, measure and count of merchandise sold in the county. Our staff spent 223 hours in Quantity Control work in 1969.

We spent 33.5 hours working in the Petroleum Division in 1969. Samples of oil, brake fluid and gasoline were taken from the vendors in the county and tested to make sure that the products conform to state and federal regulations.

Public and private weighmasters are inspected each year for conformation to rules set up by the state for their operation. There was a total of 44.5 man hours spent in Weighmaster Enforcement work during the year.

There was a total of 734 business establishments visited during 1969 with a total of 1,341.5 hours spent in Weights and Measures work.

AGRICULTURAL PRESERVES

The Calaveras County Board of Supervisors enacted ordinances in 1967 to implement the California Land Conservation Act that was adopted in 1965. This makes it possible for owners of agricultural lands to request the county to establish an Agricultural Preserve and enter into a Land Conservation Agreement with the county. To place land in an Agricultural Preserve, the owner must agree to use the land for agricultural production and must meet certain other requirements. Total acreage placed in Agricultural Preserves by the end of 1969 was 47,805 acres.

Retaining land in Agricultural Preserves is necessary in order to protect and encourage the agricultural industry within the county. Agriculture is important to the economy of the county. Total income from agriculture in 1969 was \$5,712,439.

STATISTICS

The following annual report is submitted on the value, production and acreage of agricultural commodities within the county. Weekly and monthly reports were compiled for the Board of Supervisors and the State Department of Agriculture. The Calaveras County Crop Report is mailed to 900 persons.

INCOME FROM INDUSTRIES:

Agriculture - \$5,712,439 Lumbering - \$4,455,714 Mining - \$17,300,000

Land Area	657,280	Farms in County	230
Rangeland	435,000	Irrigated Pasture	2,700
Federal Land	123,890	All Farm Land	72,418
State Land	7,214	Water	15,772

TEN LEADING FARM COMMODITIES:

1. Cattle & Calves	\$2,881,300	6. Walnuts	\$108,000
2. Eggs	385,000	7. Olives	62,000
3. Turkeys	231,000	8. Hogs & Pigs	21,050
4. Chickens	220,000	9. Field Crops	20,000
5. Sheep & Lambs	113,700	10. Wool	17,100

AGRICULTURAL LOSS DUE TO PREDATORS:

GOATS			SHEEP			CALVES			POULTRY		
Coyote Kill	Dog Kill	Oth-er*	Coyote Kill	Dog Kill	Oth-er*	Coyote Kill	Dog Kill	Oth-er*	Coyote Kill	Dog Kill	Oth-er*
129	16	0	93	17	0	20	1	0	301	0	65

*Other predators include bobcats, cougars, etc.

Total estimated loss to predators - 1969 - - - - \$6,956

FIELD CROPS - ACREAGE, PRODUCTION AND VALUE

1968 - 1969

ITEM	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
MISC. FIELD CROPS *	1969	80	---	---	---	---	\$ 20,000
	1968	95	---	---	---	---	21,500
GRAIN HAY	1969	160	2.0	320	Ton	\$25.00	8,000
	1968	200	2.0	400	Ton	25.00	10,000
LEGUME HAY	1969	65	4.00	260	Ton	30.00	7,800
	1968	138	4.00	552	Ton	30.00	16,600
NATIVE HAY	1969	400	1.00	400	Ton	20.00	8,000
	1968	400	1.00	400	Ton	20.00	8,000
IRRIGATED PASTURE	1969	2,700	---	---	Acre	50.00	135,000
	1968	2,700	---	---	Acre	50.00	135,000
LEASED PASTURE	1969	148,000	---	---	Acre	3.50	518,000
	1968	148,000	---	---	Acre	3.50	518,000
RANGE LAND	1969	277,000	---	---	Acre	3.25	900,000
	1968	277,000	---	---	Acre	3.25	900,000
					TOTAL 1969		\$1,596,800
					TOTAL 1968		1,609,100

*Includes oats, beans and beets

APIARY PRODUCTS - PRODUCTION AND VALUE

1968 - 1969

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
BEESWAX	1969	200	Lb.	\$.52	\$104
	1968	200	Lb.	.50	100
HONEY	1969	1,500	Lb.	.15	225
	1968	2,900	Lb.	.25	725
				TOTAL 1969	\$329
				TOTAL 1968	825

LIVESTOCK AND POULTRY PRODUCTS - PRODUCTION AND VALUE
1968 - 1969

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
MANUFACTURED MILK	1969	480	Cwt.	\$4.32	\$ 2,070
	1968	1,500	Cwt.	3.95	5,920
EGGS	1969	1,100,000	Doz.	.35	385,000
	1968	950,000	Doz.	.30	285,000
WOOL	1969	45,000	Lb.	.38	17,100
	1968	48,000	Lb.	.38	18,200
MOHAIR	1969	10,000	Lb.	.58	5,800
	1968	34,000	Lb.	.25	8,500
TOTAL				1969	\$409,970
				1968	317,620

FRUIT AND NUT CROPS - ACREAGE, PRODUCTION AND VALUE
1968 - 1969

ITEM	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
ALMONDS	1969	65	.085	5.5	Ton	\$630.00	\$ 3,460
	1968	65	.085	5.5	Ton	630.00	3,460
APPLES	1969	100	.82	82	Ton	150.00	12,300
	1968	100	.62	62	Ton	150.00	9,300
CHESTNUTS	1969	2	.500	1.00	Ton	500.00	500
	1968	2	.625	1.25	Ton	600.00	750
GRAPES	1969	100	1.00	100	Ton	50.00	5,000
	*1968			5	Ton	60.00	300
OLIVES	1969	234	.98	230	Ton	270.00	62,100
	1968	234	1.11	260	Ton	480.00	125,000
WALNUTS*	1969	500	.450	225	Ton	480.00	108,000
	1968	500	.380	190	Ton	600.00	114,000
TOTAL FRUIT & NUT CROPS						1969	\$191,360
						1968	252,810
TOTAL MISCELLANEOUS VEGETABLE & FRUIT CROPS		1969	\$16,000	TOTAL NURSERY STOCK		1969	\$3,000
		1968	16,000			1968	5,385

*Crop was frozen

LIVESTOCK AND POULTRY - PRODUCTION AND VALUE - - - - - 1968 - 1969

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. HEAD	TOTAL LIVE WEIGHT		PER UNIT	TOTAL
<u>CATTLE AND CALVES</u>						
COWS	1969	1,900	19,500	Cwt.	\$ 20.50	\$ 400,000
	1968	2,050	20,500	Cwt.	18.50	379,000
REGISTERED COWS						
& HEIFERS	1969	20	- - -	Ea.	300.00	6,000
	1968	80	- - -	Ea.	325.00	26,000
CULL BULLS	1969	215	2,580	Cwt.	23.00	59,300
	1968	160	2,240	Cwt.	22.00	49,300
HEIFERS	1969	2,000	14,000	Cwt.	26.00	364,000
	1968	1,260	8,190	Cwt.	23.00	188,000
STEERS	1969	5,360	37,500	Cwt.	28.00	1,050,000
	1968	4,360	30,500	Cwt.	25.00	762,000
BEEF CALVES	1969	6,400	32,000	Cwt.	30.00	960,000
	1968	5,800	30,200	Cwt.	27.00	815,000
REGISTERED BULLS						
BULLS	1969	120	- - -	Ea.	350.00	42,000
	1968	160	- - -	Ea.	350.00	56,000
TOTAL - CATTLE -						
					1969	\$2,881,300
					1968	2,275,300
<u>GOATS</u>						
GOATS	1969	500	- - -	Ea.	12.00	6,000
	1968	350	- - -	Ea.	12.00	4,200
KID GOATS	1969	380	- - -	Ea.	11.00	4,180
	1968	410	- - -	Ea.	10.50	4,300
TOTAL - GOATS -						
					1969	\$10,180
					1968	8,500

LIVESTOCK AND POULTRY -- PRODUCTION AND VALUE - - - - 1968 - 1969

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. HEAD	TOTAL LIVE WEIGHT		PER UNIT	TOTAL
<u>SHEEP & LAMBS</u>						
LAMBS	1969	3,980	3,660	Cwt.	\$28.00	\$102,000
	1968	2,100	1,890	Cwt.	25.00	47,200
EWES	1969	250	- - -	Ea.	6.00	1,500
	1968	200	- - -	Ea.	5.00	1,000
EWES - BREEDING STOCK	1969	500	- - -	Ea.	18.00	9,000
	1968	520	- - -	Ea.	15.00	7,800
REGISTERED RAMS	1969	20	- - -	Ea.	60.00	1,200
	1968	40	- - -	Ea.	50.00	2,000
TOTAL - SHEEP - 1969						\$113,700
1968						58,000
<u>HOGS AND PIGS</u>						
FEEDER PIGS	1969	85	85	Cwt.	30.00	2,550
	1968	200	200	Cwt.	24.00	4,800
HOGS	1969	350	770	Cwt.	24.00	18,500
	1968	1,000	2,300	Cwt.	19.00	43,700
TOTAL - HOGS - 1969						\$ 21,050
1968						48,500
HORSES	1969	65	- - -	Ea.	\$200.00	\$ 13,000
	1968	60	- - -	Ea.	250.00	15,000
CHICKENS*	1969	- - -	- - -	- -	- - -	220,000
	1968	- - -	- - -	- -	- - -	200,000
TURKEYS	1969	55,000	1,100,000	Lb.	.21	231,000
	1968	45,000	900,000	Lb.	.21	189,600
MISC. POULTRY	1969	- - -	- - -	- -	- - -	4,750
	1968	- - -	- - -	- -	- - -	5,000
TOTAL - LIVESTOCK & POULTRY - 1969						\$468,750
1968						\$3,494,980
						2,799,300


*Includes hens and replacement pullets

SUMMARY

1967 - 1968 - 1969

<u>ITEM</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
LIVESTOCK & POULTRY	\$2,964,750	\$2,799,300	\$3,494,980
LIVESTOCK & POULTRY PRODUCTS	494,600	317,620	409,970
FRUIT & NUT CROPS	224,845	252,810	191,360
MISC. VEGETABLE & FRUIT CROPS	17,000	16,000	16,000
NURSERY STOCK	5,250	5,380	3,000
FIELD CROPS	1,573,900	1,609,100	1,596,800
APIARY PRODUCTS	664	825	329
TOTAL	<u>\$5,281,009</u>	<u>\$5,001,035</u>	<u>\$5,712,439</u>

Reference Department
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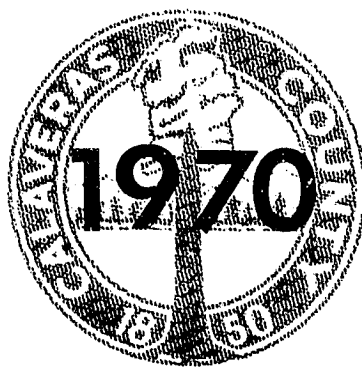
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1970

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CALAVERAS COUNTY

REPORT OF AGRICULTURE



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AN ANDREAS, CALIFORNIA 95249

Mr. Jerry W. Fielder, Director
California Department of Agriculture
Sacramento, CA

and

The Honorable Board of Supervisors
Calaveras County

Gentlemen:

I am pleased to submit the Annual Crop and Livestock Report for 1970 in compliance with Section 2279 of the Agricultural Code.

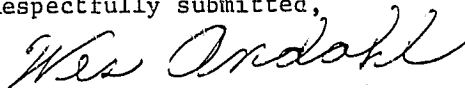
The gross value of the agricultural crop was \$5,964,334, an increase of \$251,895 over 1969. The major part of this increase is reflected in livestock, poultry and field crops. The majority of the increase may be attributed to price increases over the previous years. The walnut crop in the county was down approximately 73 tons in 1970 due to a late frost. Also, the entire apple crop and most of the grapes were lost due to a late frost.

There was an increase in the number of ranches from 230 to 260 this year. This was due to more people moving in to the county and becoming interested in agriculture.

It must be emphasized that this report reflects a gross return and in no way represents the actual profit to the producers.

I want to express my appreciation for the cooperation and assistance of farmers, producers and industries who provide information and records needed to compile this report, and especially to the members of my staff.

Respectfully submitted,



WESLEY B. ANDAHL
Agricultural Commissioner and
Director of Weights and Measures

RESPONSIBILITIES OF THE AGRICULTURAL COMMISSIONER

The County Agricultural Commissioner, under state law, has the responsibility of enforcing provisions of the Agricultural Code and the California Administrative Code, as well as certain Federal regulations, for the benefit and protection of the agricultural industry in the county. The Commissioner is directly responsible to the Board of Supervisors who may assign additional duties to him. The Agricultural Commissioners are under the general direction of the State Director of Agriculture.

Commissioners, their deputies and their inspectors are qualified by education and examinations given by the state. Training programs are constantly in progress because of changing and complex laws. Because of training sessions and meetings held, the public is assured that the work activities of the various county Agricultural Departments will be uniform.

Work activities of the Agricultural Department in the county are divided into many categories, briefly: Apiary Inspection, Nursery Inspection, Pest Control, Pest Survey, Weed Control, Plant Quarantine Inspection, Crop Statistics, Vertebrate Pest Control, Seed Inspection, Standardization, Pest Control Operator (Applicator) Enforcement and Injurious Herbicides and Injurious Materials.

The Commissioner in Calaveras County is also the Director of Weights and Measures in the county. He serves as a member of the Pollution Control Committee, the Agricultural Advisory Committee and works with 4-H, the Farm Bureau and the Grange.

The work activity summaries on the following pages of this report are included to give you a better understanding of the operation of the Agricultural Department in Calaveras County.

APIARY INSPECTION

Beekeepers are required to register each year with the Agricultural Commissioner as to the number of colonies of bees that they have in the county and the location of the hives. All apiaries are inspected regularly for the detection of American Foul Brood and other contagious diseases of bees.

In 1970, there were 13 apiaries registered in Calaveras County.

NURSERY INSPECTION

All nurseries must be licensed by the state. State regulations require that all nurseries be inspected regularly for standards of cleanliness from insect pests, diseases and weeds. Nursery stock is also inspected for grades, standards and labeling. It is the responsibility of the Agricultural Department to make the inspections and enforce the regulations of the Agricultural Code pertaining to nurseries.

PEST CONTROL

Homeowners, growers, schools, park departments and others may receive advice and assistance from the Agricultural Department on insect pest problems, plant disease problems and weed control. Identification of insect pests, weeds and plant disease is a service performed by this department. Advice on the control of pests is given and house calls are made if possible. Grasshopper bait is prepared and sold to the public at cost by the Agricultural Department.

In 1970, we spent 429 man hours on Pest Control work and answered 789 calls.

SEED INSPECTION

Farmers and home gardeners receive pure and vigorous seed because of the Seed Inspection Law. Seed is inspected by the Agricultural Department to assure the purchaser that he is buying seed that conforms to the law with respect to germination percentage as well as freedom from noxious weeds, and that the seed is not too old.

VERTEBRATE PEST CONTROL

Poison bait is prepared and sold at cost to the residents of Calaveras County by the Agricultural Department. Because of rising costs, the Board of Supervisors decreed that, beginning in 1970, bait is to be sold at cost rather than be distributed without charge as in previous years. Poison bait for the control of gophers, rats, mice, ground squirrels, porcupines and muskrats is available in the Agricultural Commissioner's Office. Advice on methods of rodent control is available in the form of "One Sheet Answers" and from the office staff.

The gopher machine owned by Calaveras County may be used by county residents under agreement. Bait for use with the machine may be purchased at cost. Ranchers who have problems with infestations of ground squirrels and gophers may receive help from the Agricultural Department. In 1970, qualified personnel from this department assisted with rodent control on a gross acreage of 13,355 acres.

The appearance of the Eastern grey squirrel, a vertebrate pest new to this county, has caused concern in the eastern part of the county because of damage to nut crops. No control program has been initiated as yet as the damage has not been extensive.

Depredating birds have also made an appearance in the county. No control program is planned at the present time.

During 1970, a total of 5,025 pounds of poison bait was sold or distributed to Calaveras County residents. A total of 574 man hours was spent in Vertebrate Pest Control work.

PLANT QUARANTINE

Inspection of plant material is made at post offices, depots and other terminals where plants, seeds and grain are received. The purpose of this program is to prevent insects and plant diseases from infesting California. Plant Quarantine inspection is required by state and federal regulations. The regulations prevent the movement of plants, soil and plant pest organisms without proper certification. If plant pests can be intercepted at receiving points, infestations can be prevented and damage to agricultural crops averted.

There were 831 shipments of plants inspected in 1970. Out of 42,912 plants inspected, only 5 were rejected and returned to the shipper. A total of 422 man hours were required to accomplish the Plant Quarantine work in 1970.

WEED CONTROL

Three noxious weeds: Scotch Thistle, Oblong Spurge, and White Horse Nettle were discovered and treated in the county in 1970. These weeds were new to the county. Control was accomplished by the use of chemicals and by hand pulling. The infested areas will be closely watched for a recurrence of growth. Other noxious weeds under control or treatment in Calaveras County are: Scotch Broom, Puncture Vine, Johnson Grass, Distaff Thistle and Artichoke Thistle.

County roadsides are sprayed every year for the control of grasses and certain broadleaf weeds. Brush and blackberries on public land are controlled by spraying. Chemical control has proved to be the most efficient as well as the most economical way to accomplish weed control.

In addition to the work mentioned above, the Agricultural Department contracts with the special districts in the county for soil sterilization and brush control work. The county dumps are also treated for weed control.

Biological control of weeds is practiced where it is possible. Beetles have been imported for the control of Klamath Weed and have been quite successful in keeping the weed under control. Weevils that feed on the stems and the seeds of Puncture Vine are very active in certain areas of the county.

In 1970, a total of 1,820.08 miles of county road was sprayed for weed and brush control and there were 71.15 acres in special districts treated. A total of 3,301.5 man hours was spent on Weed Control work during the year.

PEST SURVEY

Insect trapping programs and surveys are carried out each year by the Calaveras County Agricultural Department in cooperation with the state Department of Agriculture. The program is designed to detect entry into the state by pests that are not known to occur in California or are of limited distribution in the state. If the pests are found, immediate action is taken to eradicate or to control them. Trapping for Japanese beetles, Gypsy moths, fruit flies and Khapra beetles, pests that could seriously affect agricultural production, is necessary in order to keep the state free from new insect pests.

Pest survey is not confined to insect trapping. Because of weed survey work in 1970 by our staff, three noxious weeds that were new to the county were found and treated instead of being allowed to gain a foothold in our agricultural land.

STANDARDIZATION

Fruit, vegetable and nut products, honey, poultry meat and eggs are inspected by the Agricultural Commissioner and his staff for conformation to the laws of the state and regulations in the Agricultural Code. This is to assure the consumer that he will receive fresh products and get his money's worth when he is purchasing food products. If sub-standard products are found in a market, an "Off Sale" order is issued and the product is removed from the grocer's shelves.

The following is data on work done in Standardization in 1970:

Fruit, vegetable and nut products

Packages inspected:	13,502	Packages rejected:	3
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Poultry meat

Packages inspected:	2,359	Packages rejected:	0
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Honey

Packages inspected:	1,534	Packages rejected:	0
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Eggs

Dozen inspected:	7,048	Dozen rejected:	746
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Hours spent in Standardization work:			204
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INJURIOUS HERBICIDES AND INJURIOUS MATERIALS

Injurious herbicides and injurious materials may be purchased and used only under permit issued by the Agricultural Commissioner. It is the responsibility of his office to determine that the chemicals are used carefully to prevent injury to humans, animals and plant life. A statewide system of reporting the use of pesticides was put in to effect in 1970. Reports must be made by individuals using injurious herbicides and injurious materials as well as by all registered Pest Control Operators.

Agricultural Pest Control Operators must be licensed by the state each year and must register with the Agricultural Commissioner in the county before any work may be performed in the county. The Commissioner's Office is responsible for checking equipment, records and the application of chemicals in his county. All agents or dealers must be registered in the county before they are allowed to make recommendations for the use of pesticides in the county.

In 1970, there were 116 permits issued for the use of injurious herbicides or injurious materials. There were 14 Pest Control Operators registered to work in Calaveras County and 112 agents registered to sell pesticides.

WEIGHTS AND MEASURES

The Agricultural Commissioner of Calaveras County is also the Director of Weights and Measures in the county. Duties of the county Department of Weights and Measures are listed in the Business and Professions Code and the Administrative Code of the State of California.

The Weights and Measures Department is maintained to protect the buyer and the seller. Protection is accomplished through the continuous inspection of all weighing and measuring devices used in trade throughout the county. Packaged commodities offered for sale are inspected for accuracy of weight and conformation to the statement of contents found on the package.

The work in Weights and Measures is divided into four categories. A brief resume of the work accomplished in each category follows.

Device Inspection - The law requires that each weighing and measuring device used commercially in the county, be checked at least once a year for accuracy. Devices used heavily are tested more often. After a device has been tested and found to be weighing or measuring accurately, a seal is affixed in a conspicuous place. If a device is found to be inaccurate, it is not used until it is brought into compliance. If this is not possible, it is condemned and may be confiscated and destroyed. During 1970, a total of 575 weighing and measuring devices were tested for accuracy. The majority were sealed without correction. There were 204 Certificates of Inspection issued.

Quantity Control - Through statistical sampling, commodities that are pre-packaged are weighed for accuracy. This includes various commodities that are sold by weight, measure and count. In 1970, a total of 5,794 packages were sampled. There were 197 packages rejected because of short weight. The rejections were re-packaged or returned to the packer.

Petroleum - Inspections and tests are made on anti-freeze, brake fluid and motor oils for proper labeling and conformation to standards set by law. Anti-freeze, brake fluid and automatic transmission fluid must be registered for sale in California. Advertising signs for petroleum products are checked for conformation to standards set by the state.

Weighmaster - Any person engaged in the business of weighing for hire is a public weighmaster and must be licensed and bonded. Inspections of all weighmaster businesses in the county are made regularly for conformation to the Public Weighmaster Law. Records are checked and provisions of the law are enforced.

In 1970, a total of 1,214.0 hours was spent in Weights and Measures work.

AGRICULTURAL PRESERVES

The Calaveras County Board of Supervisors enacted ordinances in 1967 to implement the California Land Conservation Act of 1965. This makes it possible for the owners of agricultural lands to request the county to establish an agricultural preserve and enter into a land conservation agreement with the county. To place land in an agricultural preserve, the owner must agree to use the land for agricultural production and to meet certain other requirements. Retaining land in agriculture is necessary to protect and encourage the agricultural industry in the county. By the end of 1970, there were 70,464 acres included in Agricultural Preserves in Calaveras County.

STATISTICS

The Agricultural Commissioner is required by state law to compile a report each year on production and value of agricultural products in his county. The report is used by people in the agricultural industry and other industries related to agriculture. Colleges and libraries use the report for research and statistical work.

Statistics on agricultural crops and other production follow.

INCOME FROM INDUSTRIES:

Agriculture - \$5,964,334 Lumbering - \$3,327,720 Mining - \$16,800,000

Land Area	657,280	Farms in County	260
Range Land	435,000	Irrigated Pasture	2,700
Federal Land	123,890	All Farm Land	72,418
State Land	7,214	Water	15,772

TEN LEADING FARM COMMODITIES:

1. Cattle & Calves	\$3,175,075	6. Sheep & Lambs	\$60,660
2. Eggs	385,000	7. Olives	57,500
3. Turkeys	252,000	8. Field Crops	25,000
4. Chickens	200,000	9. Hogs & Pigs	20,170
5. Walnuts	72,960	10. Goats	15,220

AGRICULTURAL LOSS DUE TO PREDATORS:

GOATS			SHEEP			CALVES			POULTRY		
Coyote Kill	Dog Kill	Oth-er*	Coyote Kill	Dog Kill	Oth-er*	Coyote Kill	Dog Kill	Oth-er*	Coyote Kill	Dog Kill	Oth-er*
170	57	9	117	61	5	31	7	13	6	4	85

*Other predators include bobcats, cougars, etc.

Total estimated loss due to predators in 1970 - \$9,857
 1969 - 6,956

FIELD CROPS - ACREAGE, PRODUCTION AND VALUE

1969 - 1970

ITEM	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
MISC. FIELD CROPS	1970	80	---	---	---	---	\$ 25,000
	1969	80	---	---	---	---	20,000
GRAIN HAY	1970	375	2.0	750	Ton	\$25.00	18,750
	1969	160	2.0	320	Ton	25.00	8,000
LEGUME HAY	1970	135	4.00	540	Ton	30.00	16,200
	1969	65	4.00	260	Ton	30.00	7,800
NATIVE HAY	1970	175	1.00	175	Ton	20.00	3,500
	1969	400	1.00	400	Ton	20.00	8,000
IRRIGATED PASTURE	1970	2,700	---	---	Acre	50.00	135,000
	1969	2,700	---	---	Acre	50.00	135,000
LEASED PASTURE	1970	148,000	---	---	Acre	3.50	518,000
	1969	148,000	---	---	Acre	3.50	518,000
RANGE LAND	1970	277,000	---	---	Acre	3.25	900,000
	1969	277,000	---	---	Acre	3.25	900,000
CHRISTMAS TREES 1970				10,000	Ea.	4.50	\$1,616,450
							45,000
					TOTAL	1970	\$1,661,450
					TOTAL	1969	1,596,800

APIARY PRODUCTS - PRODUCTION AND VALUE

1969 - 1970

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
BEESWAX	1970	200	Lb.	\$.52	\$104
	1969	200	Lb.	.52	104
HONEY	1970	1,500	Lb.	.15	225
	1969	1,500	Lb.	.15	225
			TOTAL	1970	\$329
			TOTAL	1969	329

LIVESTOCK AND POULTRY PRODUCTS - PRODUCTION AND VALUE

1969 - 1970

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
MFGD. MILK	1970	500	Cwt.	\$4.30	\$2,150
	1969	480	Cwt.	4.3	2,070
EGGS	1970	1,100,000	Doz.	.35	385,000
	1969	1,100,000	Doz.	.35	385,000
WOOL	1970	32,000	Lb.	.35	11,200
	1969	45,000	Lb.	.38	17,100
MOHAIR	1970	10,000	Lb.	.35	3,500
	1969	10,000	Lb.	.58	5,800
			TOTAL	1970	\$401,850
			TOTAL	1969	409,970

FRUIT AND NUT CROPS - ACREAGE, PRODUCTION AND VALUE
1969 - 1970

ITEM	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
ALMONDS	1970	65	.138	9.0	Ton	\$680.00	\$6,120
	1969	65	.085	5.5	Ton	630.00	3,460
APPLES*	1970	100	.10	10	Ton	150.00	1,500
	1969	100	.82	82	Ton	150.00	12,300
CHESTNUTS	1970	2	.500	1.00	Ton	500.00	500
	1969	2	.500	1.00	Ton	500.00	500
GRAPES*	1970	100	.20	5	Ton	100.00	500
	1969	100	1.00	100	Ton	50.00	5,000
OLIVES	1970	234	.98	230	Ton	250.00	57,500
	1969	234	.98	230	Ton	270.00	62,100
WALNUTS**	1970	500	.304	152	Ton	480.00	72,960
	1969	500	.450	225	Ton	480.00	108,000
			TOTAL FRUIT & NUT CROPS			1970	\$139,080
						1969	191,360

*Crop frozen

**Crop partially frozen

TOTAL MISCELLANEOUS VEGETABLE &
FRUIT CROPS 1970 \$16,000
 1969 16,000

TOTAL NURSERY STOCK
 1970 \$3,500
 1969 3,000

LIVESTOCK AND POULTRY - PRODUCTION AND VALUE
1969 - 1970

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. HEAD	TOTAL LIVE WEIGHT		PER UNIT	TOTAL
<u>CATTLE AND CALVES</u>						
COWS	1970	1,800	21,600	Cwt.	\$22.00	\$475,200
	1969	1,900	19,500	Cwt.	20.50	400,000
REGISTERED COWS & HEIFERS						
	1970	20	---	Ea.	250.00	5,000
	1969	20	---	Ea.	300.00	6,000
CULL BULLS	1970	200	2,600	Cwt.	25.00	65,000
	1969	215	2,580	Cwt.	23.00	59,300
HEIFERS	1970	1,500	10,500	Cwt.	28.00	294,000
	1969	2,000	14,000	Cwt.	26.00	364,000
STEERS	1970	6,000	48,000	Cwt.	29.00	1,392,000
	1969	5,360	37,500	Cwt.	28.00	1,050,000
BEEF CALVES	1970	5,700	28,500	Cwt.	32.00	912,000
	1969	6,400	32,000	Cwt.	30.00	960,000
REGISTERED BULLS						
	1970	85	---	Ea.	375.00	31,875
	1969	120	---	Ea.	350.00	42,000
TOTAL - CATTLE					1970	\$3,175,075
					1969	2,881,300
GOATS						
	1970	900	---	Ea.	13.00	11,700
	1969	500	---	Ea.	12.00	6,000
KID GOATS	1970	320	---	Ea.	11.00	3,520
	1969	380	---	Ea.	11.00	4,180
TOTAL - GOATS					1970	\$15,220
					1969	10,180

LIVESTOCK AND POULTRY - PRODUCTION AND VALUE
1969 - 1970

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. HEAD	TOTAL LIVE WEIGHT		PER UNIT	TOTAL
<u>SHEEP & LAMBS</u>						
LAMBS	1970	2,400	2,160	Cwt.	\$26.00	\$ 56,160
	1969	3,980	3,660	Cwt.	28.00	102,000
EWES	1970	150	---	Ea.	10.00	1,500
	1969	250	---	Ea.	6.00	1,500
EWES - BREEDING STK.	1970	100	---	Ea.	18.00	1,800
	1969	500	---	Ea.	18.00	9,000
REGISTERED RAMS	1970	20	---	Ea.	60.00	1,200
	1969	20	---	Ea.	60.00	1,200
TOTAL - SHEEP					1970	\$60,660
					1969	113,700
<u>HOGS AND PIGS</u>						
FEEDER PIGS	1970	90	85	Cwt.	25.00	1,910
	1969	85	85	Cwt.	30.00	2,550
HOGS	1970	415	830	Cwt.	22.00	18,260
	1969	350	770	Cwt.	24.00	18,500
TOTAL - HOGS					1970	\$20,170
					1969	21,050
HORSES	1970	70	---	Ea.	200.00	14,000
	1969	65	---	Ea.	200.00	13,000
CHICKENS*	1970	---	---	---	---	200,000
	1969	---	---	---	---	220,000
TURKEYS	1970	60,000	1,200,000	Lb.	.21	252,000
	1969	55,000	1,100,000	Lb.	.21	231,000
MISC. POULTRY**	1970	---	---	---	---	5,000
	1969	---	---	---	---	4,750
TOTAL - LIVESTOCK & POULTRY					1970	\$471,000
					1969	\$3,742,125
					1969	3,494,980

*Includes hens and replacement pullets

**Includes rabbits

SUMMARY

1968 - 1969 - 1970

<u>ITEM</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>
LIVESTOCK & POULTRY	\$2,799,300	\$3,494,980	\$3,742,125
LIVESTOCK & POULTRY PRODUCTS	317,620	409,970	401,850
FRUIT & NUT CROPS	252,810	191,360	139,080
MISC. VEGETABLE & FRUIT CROPS	16,000	16,000	16,000
NURSERY STOCK	5,380	3,000	3,500
FIELD CROPS	1,609,100	1,596,800	1,661,450
APIARY PRODUCTS	825	329	329
TOTALS	<u>\$5,001,035</u>	<u>\$5,712,439</u>	<u>\$5,964,334</u>

WESLEY B. ANDAHL
AGRICULTURAL COMMISSIONER
GOVERNMENT CENTER 95249
SAN ANDREAS, CALIFORNIA

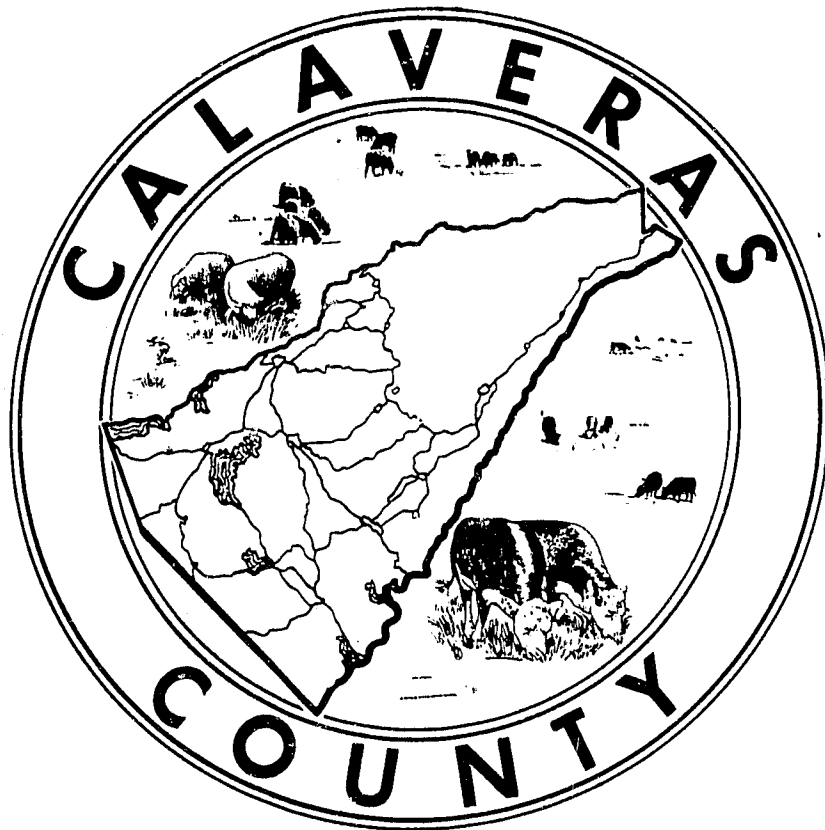
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AGRICULTURAL CROP REPORT

DEPARTMENT OF AGRICULTURE

GOVERNMENT CENTER, SAN ANDREAS, CALIFORNIA 95249

WESLEY B. ANDAHL

Agricultural Commissioner
and
Director of Weights & Measures

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A N N U A L R E P O R T

JERRY W. FIELDER, DIRECTOR

CALIFORNIA DEPARTMENT OF AGRICULTURE

AND

THE CALAVERAS COUNTY BOARD OF SUPERVISORS

ERNEST F. BERNASCONI - CHAIRMAN - DISTRICT 2, West Point
DON M. CUNEO DISTRICT 1, San Andreas
MILTON B. SMITH DISTRICT 3, Murphys
CHARLES WISTOS DISTRICT 4, Angels Camp
JOHN R. FISCHER DISTRICT 5, Valley Springs

PRESENTED BY

WESLEY B. ANDAHL

AGRICULTURAL COMMISSIONER

AND

DIRECTOR OF WEIGHTS AND MEASURES

Douglas Joses Agricultural Inspector III
Deputy Sealer Weights & Measures
Jearl Howard Agricultural Inspector II
Weights & Measures Inspector
Nell Harris Steno-Clerk II

CALAVERAS COUNTY

W. B. ANDAHL
AGRICULTURAL COMMISSIONER
COUNTY DIRECTOR OF WEIGHTS AND MEASURES
GOVERNMENT CENTER

TELEPHONE 209-754-4142

AN ANDREAS, CALIFORNIA 95249

Mr. Jerry Fielder, Director
California Department of Agriculture

and

The Honorable Board of Supervisors
Calaveras County

Gentlemen:

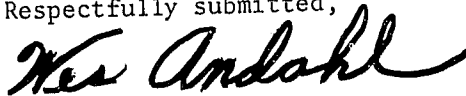
In accordance with the provisions of Section 2279 of the Agricultural Code, I am pleased to submit the Agricultural Crop Report for Calaveras County for the calendar year 1971.

The gross value of agricultural products in 1971 was \$6,148,666, an increase of \$184,332 over 1970.

It must be emphasized that this report reflects a gross return. The figures do not take into consideration the costs of production or other expenses to the producer. They do not in any way represent the net income to the growers.

I would like to express my sincere appreciation to all individuals who have contributed information for this report and to my staff members who were responsible for compiling the data for the report.

Respectfully submitted,



Wesley B. Andahl
Agricultural Commissioner and
Director of Weights and Measures

RESPONSIBILITIES OF THE AGRICULTURAL COMMISSIONER

The County Agricultural Commissioner, under state law, is responsible for enforcing provisions of the Agricultural Code, portions of the Administrative Code and other state and federal regulations for the benefit and protection of the agricultural industry, the consumers and merchants in the county. He is directly responsible to the Board of Supervisors who may assign additional duties. The Agricultural Commissioners are under the general direction of the State Director of Agriculture.

Commissioners, their deputies and inspectors are qualified by education and training. Because of complex and changing laws and regulations, training must be constant.

Work activities of the Agricultural Department include: Apiary Inspection, Crop Statistics, Egg and Poultry Quality Control, Fruit and Vegetable Quality Control, Nursery Inspection, Pest Detection, Pest Eradication, Pest Exclusion (Plant Quarantine), Pesticide Use Enforcement, Pest Management (Control), Seed Inspection, Weed Control and other miscellaneous activities.

The Agricultural Commissioner in Calaveras County is also the Director of Weights and Measures. He serves on various committees pertaining to the agricultural industry and is affiliated with the agricultural organizations in the county.

Brief summaries of the work activities of the Agricultural Department follow.

APIARY INSPECTION

In compliance with the state Agricultural Code, beekeepers must register with the Agricultural Commissioner in the county where their apiaries are located each year. Apiaries are inspected regularly for the detection of contagious bee diseases and for conformation to local and state bee laws.

In 1971, there were 15 apiaries registered in Calaveras County.

CROP STATISTICS

The Agricultural Commissioner is required by state law to compile an annual report on value, production and acreage of agricultural products in his county. Weekly crop and livestock reports are made to the State Department of Agriculture.

STANDARDIZATION

For the protection of both consumers and producers, fruit, nut and vegetable products; honey; poultry meat and eggs are inspected for conformation to standards set by state laws and regulations. Sub-standard products are rejected and removed from sale.

Summary of inspections - 1971

Fruit, vegetable and nut products:			
	Packages inspected:	14,251	Rejected: 2
Honey:	Containers inspected:	1,655	Rejected: 0
Poultry meat:	Packages inspected:	1,532	Rejected: 0
Eggs:	Dozens inspected:	4,082	Rejected: 75 dz.
Total hours spent in inspection:		152.5	

Standardization will be known as Fruit and Vegetable Quality Control and Egg and Poultry Quality Control in the future.

NURSERY INSPECTION

Nurseries in the county must be inspected regularly for standards of cleanliness from insect pests, plant disease and weeds. Nursery stock is also inspected for grades and labeling of stock. The Agricultural Commissioner is responsible for the inspections and the enforcement of regulations.

PEST DETECTION - PEST ERADICATION

Pest detection work includes surveys for agricultural pests not known to occur in the state or of limited distribution in the state. Trapping programs for insects are annual and are carried out in cooperation with the California Department of Agriculture. These programs are designed to prevent the entry and establishment of such pests as the gypsy moth, Japanese beetle, certain fruit flies and the khapra beetle, which could seriously affect agricultural production if they were allowed to become established in the state.

Pest detection is not limited to the search for new insect pests. It also includes weed survey, which is continual during the year, and special surveys for plant diseases. If new pests are found in the county, control and eradication programs are put into effect immediately. Such was the case when three new weed pests were found in Calaveras County in 1970. All known infestations are now under control.

PEST CONTROL

Homeowners, crop producers, school districts, park departments and others may receive advice and other assistance from the Agricultural Commissioner and his staff on pest control. Identification of pests is one of the services available. Grasshopper bait is sold at cost to county residents.

In 1971, there were 699 calls on pest control. A total of 318 man hours was spent on pest control work.

VERTEBRATE PEST CONTROL

Poison bait for the control of rodents is prepared and sold at cost by the Agricultural Department to county residents. A gopher machine is available for use under agreement with the Commissioner. Ranchers with large acreages may receive assistance in the control of ground squirrels and gophers by qualified personnel from the Agricultural Department. Gross acreage treated in the county with the help of department personnel in 1971 was 13,050 acres. A total of 2,333 pounds of bait was sold during the year.

PEST EXCLUSION (PLANT QUARANTINE)

Incoming shipments of plant material are inspected at post offices, and other terminals as required by the Federal and State Plant Quarantine Regulations. Quarantine inspection serves to prevent the movement of plants, soil and plant pest organisms without proper certification, thereby preventing the introduction of plant pests and plant diseases within the county and the state.

In 1971, there were 929 shipments inspected. There were four plants rejected and not allowed to enter the county. A total of 381 man hours was needed to accomplish this work.

SEED INSPECTION

Agricultural and vegetable seed is inspected by the Agricultural Department to insure compliance with labeling and germination standards as required by the California Seed Law.

WEED CONTROL

The Agricultural Department conducts a continual survey for the detection of primary and secondary noxious weeds along roadsides and on public land. Noxious weeds under control in Calaveras County include: Scotch broom, Oblong spurge, Puncture vine, Distaff thistle, Artichoke thistle, Johnson grass, Scotch thistle and White horsenettle.

County roadsides are sprayed for the control of grasses and certain broadleaf weeds. Blackberries and brush on public lands are also controlled by chemical means as the use of chemicals has proved to be the most effective as well as the most economical method of control. The Agricultural Department also contracts with the special districts in the county for soil sterilization and brush control.

The use of beetles and weevils for biological control of Klamath weed and Puncture vine is proving effective in some areas of the county.

In 1971, a total of 3,290.94 miles of county roads was treated for weed and brush control. In special districts, there were 400.80 acres treated. A total of 3,110 hours was spent on weed control.

Note: Miles and acres above are gross figures.

PESTICIDE USE ENFORCEMENT

Injurious herbicides, injurious materials and restricted materials may be purchased and used only under permit from the Agricultural Commissioner. It is his responsibility to determine that chemicals are used in a manner that will not injure humans, animals or plant life. All usage of these chemicals in the county must be reported to the Commissioner.

Agricultural Pest Control Operators (Applicators) are licensed by the state and must register with the commissioner in each county where they operate. Regular inspections of their equipment and methods of application are made by the Commissioner. Agents for pesticide sales are required to register in each county where they work.

Data for 1971

No. permits issued for the use of injurious herbicides and injurious materials:	106
No. Pest Control Operators registered:	14
No. Pest Control Agents registered:	106

WEIGHTS AND MEASURES

The Agricultural Commissioner of Calaveras County also serves as the Director of Weights and Measures. Duties of the Director of Weights and Measures are found in the Business and Professions Code and the Administrative Code of the State of California. The purpose of this department is to protect both the buyer and the seller through the inspection of all weighing and measuring devices used commercially, by sampling of all pre-packaged goods for sale in the county, by the testing of petroleum products and the enforcement of Weighmaster regulations.

The following is a resume of the work in Weights and Measures.

Device Inspection: Each weighing and measuring device used commercially must be tested for accuracy at least once a year according to state law. Devices used heavily are tested more often. After a device has been tested and is found to be accurate, a seal is affixed in a conspicuous place. If a device is not in compliance, it can not be used until the necessary repairs or adjustments are made. In 1971, a total of 596 weighing and measuring devices were tested for accuracy in the county.

Quantity Control: Pre-packaged commodities are weighed for accuracy by statistical sampling. In 1971, 8,426 packages were acted upon. There were 228 packages rejected because of inaccurate weight. The rejected packages were either re-packaged or returned to the packer.

Petroleum: Anti-freeze, brake fluid, transmission fluid and motor oil are tested for proper labeling and conformation to standards set by state and federal law. These products must be registered with the state before they are put on the market. Advertising signs in service stations are checked for standards set by the state.

Weighmaster Enforcement: Persons engaged in the business of weighing for hire must be licensed and bonded. Inspection of all firms engaged in the weighmaster business must be made at regular intervals for conformation to the Public Weighmaster Law.

In 1971, a total of 1,253.5 hours was spent in Weights and Measures work.

COMMENTS ON AGRICULTURAL PRODUCTION - 1971

- Walnuts - A late spring frost did considerable damage to the catkins, but some of the growers saved a portion of the crop by hand pollinization. In October, just before harvest, a killing frost damaged the crop. This resulted in a lower price for the nuts as the quality was not up to par.
- Apples - The late spring frost ruined the apple crop and very few apples were harvested.
- Olives - The late killing frost also affected the olives grown in the lower elevations of the county and resulted in a poor harvest.
- Cattle - The number of cattle in the county is almost the same as in previous years. There has been an increase in the dollar value because of the increase in market price.
- Sheep & Goats - The number of sheep and goats continue to decline in the county as elsewhere in the nation. The reasons for the decline are: the price of wool, the cost of labor and the predators that attack these animals.
- Other - With Calaveras County in close proximity to the Central Valley, we believe that the urbanization of the valley will increase agriculture in this county. With the formation of a proposed water district in the lower part of the county, our agricultural production would be enhanced.

STATISTICS

INCOME FROM INDUSTRIES:

Agriculture - \$6,148,666 Lumbering - \$6,138,780 Mining - \$16,500,000

Land Area	657,280	Farms in County	260
Range Land	435,000	Irrigated Pasture	2,700
Federal Land	123,890	All Farm Land	72,418
State Land	7,214	Water	15,772

TEN LEADING FARM COMMODITIES

1. Cattle & Calves	\$3,315,850	6. Sheep & Lambs	\$42,400
2. Eggs	345,000	7. Field Crops	25,000
3. Chickens	312,650	8. Hogs & Pigs	17,360
4. Turkeys	252,000	9. Olives	12,000
5. Walnuts	68,000	10. Goats	9,500

AGRICULTURAL LOSS DUE TO PREDATORS:

<u>GOATS</u>			<u>SHEEP</u>			<u>CALVES</u>			<u>POULTRY</u>		
Coyote Kill	Dog Kill	Oth-er*	Coyote Kill	Dog Kill	Oth-er*	Coyote Kill	Dog Kill	Oth-er*	Coyote Kill	Dog Kill	Oth-er*
150	50	0	54	11	3	26	19	15	0	2	38

*Other predators include bobcats, cougars, etc.

Total estimated loss due to predators - 1971: \$8,650
 1970: 9,857

Statistics are continued on the following pages.

FIELD CROPS - ACREAGE, PRODUCTION AND VALUE

1970 - 1971

ITEM	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE		
			PER ACRE	TOTAL		PER UNIT	TOTAL	
MISC. FIELD CROPS	1971	100	---	---	---	----	\$ 25,000	
	1970	80	---	---	---	----	25,000	
GRAIN HAY	1971	290	2.0	580	Ton	\$25.00	14,500	
	1970	375	2.0	750	Ton	25.00	18,750	
LEGUME HAY	1971	90	4.00	360	Ton	30.00	10,800	
	1970	135	4.00	540	Ton	30.00	16,200	
NATIVE HAY	1971	320	1.00	320	Ton	20.00	6,400	
	1970	175	1.00	175	Ton	20.00	3,500	
IRRIGATED PASTURE	1971	2,700	---	---	Acre	50.00	135,000	
	1970	2,700	---	---	Acre	50.00	135,000	
LEASED PASTURE	1971	148,000	---	---	Acre	3.50	518,000	
	1970	148,000	---	---	Acre	3.50	518,000	
RANGE LAND	1971	277,000	---	---	Acre	3.50	969,500	
	1970	277,000	---	---	Acre	3.25	900,000	
							\$1,679,200	
CHRISTMAS TREES	1971			7,000	Ea.	4.50	31,500	
	1970			10,000	Ea.	4.50	45,000	
						TOTAL	1971	\$1,710,700
						TOTAL	1970	1,661,450

APIARY PRODUCTS - PRODUCTION AND VALUE

1970 - 1971

ITEM	YEAR	PRODUCTION	UNIT	VALUE		
				PER UNIT	TOTAL	
BEESWAX	1971	300	Lb.	\$.52	\$156	
	1970	200	Lb.	.52	104	
HONEY	1971	1,500	Lb.	.16	240	
	1970	1,500	Lb.	.15	225	
				TOTAL	1971	\$396
				TOTAL	1970	329

LIVESTOCK AND POULTRY PRODUCTS - PRODUCTION AND VALUE
1970 - 1971

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
MFGD. MILK	1971	490	Cwt.	\$ 4.31	\$2,120
	1970	500	Cwt.	4.30	2,150
EGGS	1971	1,500,000	Doz.	.23	345,000
	1970	1,100,000	Doz.	.35	385,000
WOOL	1971	25,000	Lb.	.21	5,250
	1970	32,000	Lb.	.35	11,200
MOHAIR	1971	15,000	Lb.	.28	4,200
	1970	10,000	Lb.	.35	3,500
			TOTAL	1971	\$356,570
			TOTAL	1970	401,850

FRUIT AND NUT CROPS - ACREAGE, PRODUCTION AND VALUE
1970 - 1971

ITEM	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
ALMONDS**	1971	65	.069	4.5	Ton	\$630.00	\$2,840
	1970	65	.138	9.0	Ton	680.00	6,120
APPLES*	1971	80	.125	10	Ton	150.00	1,500
	1970	100	.10	10	Ton	150.00	1,500
CHESTNUTS	1971	2	.500	1.00	Ton	500.00	500
	1970	2	.500	1.00	Ton	500.00	500
GRAPES**	1971	100	.50	50	Ton	150.00	7,500
	1970	100	.20	5	Ton	100.00	500
OLIVES*	1971	234	.21	50	Ton	240.00	12,000
	1970	234	.98	230	Ton	250.00	57,500
WALNUTS**	1971	500	.40	200	Ton	340.00	68,000
	1970	500	.304	152	Ton	480.00	72,960
			TOTAL FRUIT & NUT CROPS			1971	\$92,340
						1970	139,080

*Crop frozen

**Crop partially frozen

TOTAL MISCELLANEOUS VEGETABLE &
FRUIT CROPS: 1971 \$16,000
 1970 16,000

TOTAL NURSERY STOCK
 1971 \$3,500
 1970 3,500

LIVESTOCK AND POULTRY - PRODUCTION AND VALUE

1970 - 1971

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. HEAD	TOTAL LIVE WEIGHT		PER UNIT	TOTAL
<u>CATTLE AND CALVES</u>						
COWS	1971	1,750	18,375	Cwt.	\$22.00	\$404,250
	1970	1,800	21,600	Cwt.	22.00	475,200
REGISTERED COWS						
& HEIFERS	1971	30	---	Ea.	300.00	9,000
	1970	20	---	Ea.	250.00	5,000
CULL BULLS	1971	200	2,800	Cwt.	26.00	72,800
	1970	200	2,600	Cwt.	25.00	65,000
HEIFERS	1971	2,000	13,600	Cwt.	28.00	380,800
	1970	1,500	10,500	Cwt.	28.00	294,000
STEERS	1971	5,500	41,250	Cwt.	32.00	1,320,000
	1970	6,000	48,000	Cwt.	29.00	1,392,000
BEEF CALVES	1971	6,350	31,750	Cwt.	34.00	1,079,500
	1970	5,700	28,500	Cwt.	32.00	912,000
REGISTERED BULLS						
	1971	110	---	Ea.	450.00	49,500
	1970	85	---	Ea.	375.00	31,875
TOTAL - CATTLE					1971	\$3,315,850
					1970	3,175,075
GOATS	1971	400	---	Ea.	14.00	5,600
	1970	900	---	Ea.	13.00	11,700
KID GOATS	1971	325	---	Ea.	12.00	3,900
	1970	320	---	Ea.	11.00	3,520
TOTAL - GOATS					1971	\$9,500
					1970	15,220

LIVESTOCK AND POULTRY - PRODUCTION AND VALUE

1970 - 1971

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. HEAD	TOTAL LIVE WEIGHT		PER UNIT	TOTAL
<u>SHEEP & LAMBS</u>						
LAMBS	1971	1,500	1,350	Cwt.	\$28.00	\$37,800
	1970	2,400	2,160	Cwt.	26.00	56,160
EWES	1971	200	---	Ea.	8.00	1,600
	1970	150	---	Ea.	10.00	1,500
EWES - BREEDING STK.	1971	100	---	Ea.	18.00	1,800
	1970	100	---	Ea.	18.00	1,800
REGISTERED RAMS	1971	20	---	Ea.	60.00	1,200
	1970	20	---	Ea.	60.00	1,200
TOTAL - SHEEP					1971	\$42,400
					1970	60,660
<u>HOGS AND PIGS</u>						
FEEDER PIGS	1971	160	144	Cwt.	26.00	3,750
	1970	90	85	Cwt.	25.00	1,910
HOGS	1971	270	567	Cwt.	24.00	13,610
	1970	415	830	Cwt.	22.00	18,260
TOTAL - HOGS					1971	\$17,360
					1970	20,170
HORSES	1971	90	---	Ea.	165.00	14,400
	1970	70	---	Ea.	200.00	14,000
CHICKENS*	1971	---	---	--	---	312,650
	1970	---	---	--	---	200,000
TURKEYS	1971	60,000	1,200,000	Lb.	.21	252,000
	1970	60,000	1,200,000	Lb.	.21	252,000
MISC. POULTRY**	1971	---	---	--	---	5,000
	1970	---	---	--	---	5,000
TOTAL - LIVESTOCK & POULTRY					1971	\$3,969,160
					1970	3,742,125

*Includes hens & replacement pullets

**Includes rabbits

SUMMARY


1969 - 1970 - 1971

<u>ITEM</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>
LIVESTOCK & POULTRY	\$3,494,980	\$3,742,125	\$3,969,160
LIVESTOCK & POULTRY PRODUCTS	409,970	401,850	356,570
FRUIT & NUT CROPS	191,360	139,080	92,540
MISC. VEGETABLE & FRUIT CROPS	16,000	16,000	16,000
NURSERY STOCK	3,000	3,500	3,500
FIELD CROPS	1,596,800	1,661,450	1,710,700
APIARY PRODUCTS	<u>329</u>	<u>329</u>	<u>396</u>
TOTALS	\$5,712,439	\$5,964,334	\$6,148,666

COMPARATIVE PRODUCTION VALUES

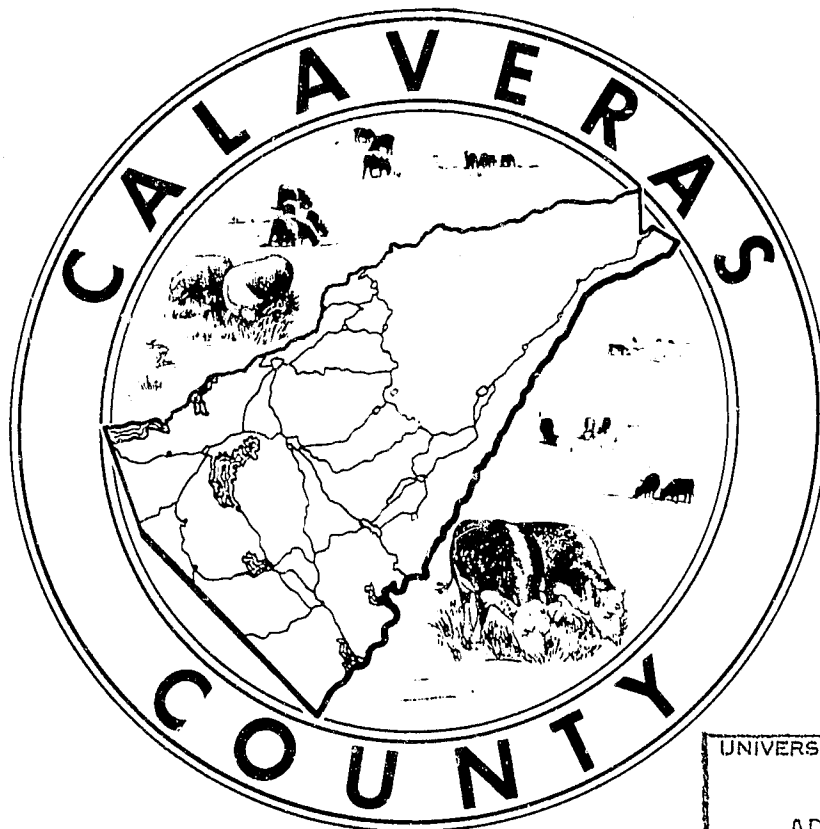
1971	\$6,148,666
1970	5,964,334
1969	5,712,439
1968	5,001,035
1967	5,281,009
1966	5,518,075
1965	5,050,811
1964	4,826,653
1963	5,146,553
1962	6,275,796

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A vertical bar composed of five equal-width segments. From left to right, the segments are black, white, black, white, and black. The bar is bounded by thin horizontal lines at the top and bottom.

1972

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1972

AGRICULTURAL CROP REPORT

DEPARTMENT OF AGRICULTURE

GOVERNMENT CENTER, SAN ANDREAS, CALIFORNIA 95249

WESLEY B. ANDAHL
Agricultural Commissioner
and
Director of Weights & Measures

D E P A R T M E N T O F A G R I C U L T U R E

A N N U A L R E P O R T

C. B. CHRISTENSEN, DIRECTOR

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE CALAVERAS COUNTY BOARD OF SUPERVISORS

MILTON B. SMITH - CHAIRMAN - District 3, Murphys
MARION L. WIMBERLY District 1, San Andreas
DONALD L. CAFFEY District 2, West Point
HENRY H. MIDDLETON District 4, Altaville
JOHN R. FISCHER District 5, Valley Springs

PRESENTED BY

WESLEY B. ANDAHL

AGRICULTURAL COMMISSIONER

AND

DIRECTOR OF WEIGHTS AND MEASURES

STAFF

DOUGLAS H. JOSES Agricultural Inspector III
Deputy Sealer - Weights & Measures
JEARL D. HOWARD Agricultural Inspector II
Deputy Sealer - Weights & Measures
NELL HARRIS Steno-Clerk II

CALAVERAS COUNTY

W. B. ANDAHL
AGRICULTURAL COMMISSIONER
COUNTY DIRECTOR OF WEIGHTS AND MEASURES
GOVERNMENT CENTER

TELEPHONE 209-754-4142

AN ANDREAS, CALIFORNIA 95249

C. B. Christensen, Director
California Department of Food and Agriculture

and

The Honorable Board of Supervisors
Calaveras County

Gentlemen:

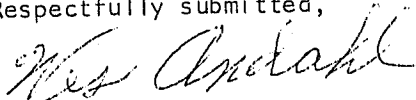
In compliance with the requirements of Section 2279 of the California Agricultural Code, I hereby submit the annual report of acreage, production and value of agricultural products in Calaveras County for 1972.

The gross value of agricultural products in 1972 was \$6,468,855, an increase of \$320,189 over 1971. Figures presented in this report do not reflect the net income to producers but only the gross value of agricultural production. Cost of production and other expenses to the growers have not been taken into consideration.

The number of cattle in the County remains almost the same as in previous years. The increase in market value accounts for the greater value of production. The number of sheep and goats in the County continues to decline because of losses to predatory animals and the low price for wool when marketed. The fruit and nut crops were severely damaged by a late spring frost. Very few apples were harvested because of the frost and the production of olives and grapes was affected also. Some walnut growers saved a portion of the crop by hand pollination after the catkins were damaged by frost, but the crop was far below average production.

My sincere thanks to all individuals who contributed information for this report and to my staff who compiled data for the report.

Respectfully submitted,



Wesley B. Andahl
Agricultural Commissioner and
Director of Weights and Measures

RESPONSIBILITIES OF THE AGRICULTURAL COMMISSIONER

The Agricultural Commissioner, under state law, is responsible for the enforcement of provisions of the Agricultural Code, the Administrative Code pertaining to agriculture, and other state and federal regulations for the benefit of the agricultural industry, related industries and the consumers. He is directly responsible to the Board of Supervisors who may assign additional duties. The agricultural commissioners in the state are under the general direction of the State Director of Agriculture.

Commissioners, deputies and inspectors (or biologists) are qualified through education and training. They are required to pass state examinations to obtain certificates in the various agricultural fields. County personnel are required to attend a number of training sessions each year. Training is by the State Department of Agriculture and is necessary to ensure that agricultural programs are carried out on a uniform basis in the state.

The functions of the Agricultural Department including a brief description of each follow:

Apiary Inspection

The California Agricultural Codes states that all apiary owners must register colonies in possession with the Agricultural Commissioner in the county where the bees are located each year. Apiaries are inspected regularly for the presence of contagious bee diseases and for conformation to state and local regulations.

Crop Statistics

The Agricultural Commissioner is required by state law to compile an annual report on the value, production and acreage of agricultural products in his county. Weekly crop and livestock reports are made to the State Department of Agriculture.

Egg Quality Control

Includes the enforcement of state and federal laws pertaining to eggs and egg products, and the regulations relating to the preparation, packing, shipping and sale of eggs.

Fruit, Vegetable, Nut and Honey Quality Control

Commodities are inspected at wholesale and retail level for conformation to state laws and regulations relating to the preparation, packing, shipping and sale of the products. Sub-standard products are rejected and removed from sale.

Nursery Inspection

The Agricultural Commissioner is responsible for regular inspection of the nurseries in the county. He enforces regulations pertaining to cleanliness from pests, labeling and grading of stock.

Pest Detection

Pest detection programs are designed to prevent new pests that are not known to exist in the state or of limited distribution in the state, to become established and affect agricultural production. When new pests are detected, eradication programs are begun immediately. Trapping for certain insect pests such as the gypsy moth, Japanese beetle and fruit flies is on an annual basis. Surveys for rodents, noxious weeds and plant diseases are made continually.

Pest Eradication

Eradication techniques are applied immediately when a new plant pest is found. In 1972, two infestations of Purple star thistle were found in Calaveras County. Infestations were treated with chemicals and the areas will be kept under surveillance for new growth. Other noxious weeds under eradication in Calaveras County are: Oblong spurge, Scotch thistle, White horse-nettle, Artichoke thistle and Distaff thistle. Scotch broom is under eradication on public land and on private land where permission has been granted for entry and treatment.

Pest Exclusion

Incoming shipments of plant materials are inspected at post offices and other terminals as required by federal and state laws. Plant quarantine inspection serves to prevent the movement of plants and other related material without proper certification thereby controlling the spread of plant pests.

Pest Management (Control)

Poison bait for the control of rodents and grasshoppers is mixed and sold at cost by the Agricultural Department. A gopher machine is available for use under agreement with the Agricultural Commissioner. Trained personnel will assist owners of large acreage with gopher and ground squirrel control. Homeowners, crop producers and others may receive advice on pest control and help with identification of pests through this department. Puncture vine is controlled along roadsides and on public land. Klamath weed is under control by biological means.

Pesticide Use Enforcement

Pest Control Operators and Pest Control Advisers must be licensed by the state and registered with the Agricultural Commissioner in each county prior to working in that county. Equipment used by Pest Control Operators is inspected and methods of application of chemicals is observed to ascertain that proper applications are being made and that safety precautions are being followed. Permits for the use of restricted materials are issued by the Agricultural Commissioner. Safe use of pesticides is stressed and reports on the use of pesticides are required.

Seed Inspection

Agricultural, lawn and vegetable seed must comply with labeling and germination standards set forth by the California Seed Law. Inspection is done at retail level in Calaveras County.

Weed Control (Non-Regulatory)

County roadsides are treated with a soil sterilant every year to prevent the growth of grasses and broadleaf weeds. This makes for better visibility, lessens fire hazard and helps to beautify the roadsides. Blackberries and other brush are controlled along county roads and on other public land by chemical means. The Agricultural Department contracts with special districts in the county for soil sterilization and brush control.

WEIGHTS AND MEASURES

The Agricultural Commissioner in Calaveras County is also the Director of Weights and Measures. He enforces provisions of the Business and Professions Code and the Administrative Code of the State of California that pertain to Weights and Measures.

Functions of the Department of Weights and Measures with a brief description of each function follow:

Device Inspection

Each weighing and measuring device that is used commercially in the county is tested for accuracy at least once a year and more often if the device is in constant use. Devices that are found to be accurate are sealed with an official seal placed in a conspicuous place. If a device is not in compliance, it may not be used until it is adjusted or repaired and another test is made.

Quantity Control

Pre-packaged commodities are weighed for accuracy through statistical sampling. All types of packaged merchandise are sampled including dairy products, bakery goods, meat, beverages, pharmacy products, paper products, hardware and building supplies, textile products and many others. Contents must conform to the labeling on the package. Packages that do not meet this specification are taken off sale and returned to the packer.

Petroleum

Advertising signs in service stations are inspected for conformation to standards set by the state. Gasoline, motor oil, anti-freeze, brake fluid and other petroleum products are tested for standards.

Weighmaster Enforcement

All persons engaged in the business of weighing for hire must be licensed and bonded. Regular inspections of all firms in the weighmaster business in the county are made for conformation to provisions of the weighmaster laws.

STATISTICS ON AGRICULTURAL DEPARTMENT FUNCTIONS - 1972

<u>Function</u>	<u>Man Hours</u>	<u>Comments</u>
<u>Apiary</u>	48.5	380 colonies inspected 1 found diseased
<u>Crop Statistics</u>	108.5	600 Annual Crop Reports distributed
<u>Egg Quality Control</u>	138.5	196 lots/9264 dozen inspected 525 dozen rejected
<u>Fruit, Vegetable, Nut & Honey Quality Control</u>	182.5	8930 lots/17663 packages inspected 1 lot rejected
<u>Nursery Inspection</u>	21.0	22 calls during year
<u>Pest Detection</u>	423.5	852 calls - includes trapping for insects, weed detection, etc.
<u>Pest Eradication</u>	89.0	6 noxious weeds under eradication
<u>Pest Exclusion</u>	402.0	1082 shipments inspected 1 shipment rejected
<u>Pest Management</u>	1713.5	2322 pounds of bait sold 2270 calls
<u>Pesticide Use Enforcement</u>	129.5	12 Pest Control Operators registered 77 Pesticide Advisers registered 108 permits for restricted materials
<u>Seed Inspection</u>	10.5	63 lots/670 packages inspected No rejections
<u>Weed Control (NR)</u>	1523.0	1134.42 miles net/3679.89 miles gross treated
<u>Device Inspection</u>	1178.5	559 weighing and measuring devices tested for accuracy
<u>Quantity Control</u>	203.0	94 lots/9413 packages inspected 284 packages rejected
<u>Petroleum</u>	84.5	8 samples tested
<u>Weighmaster Enforcement</u>	43.0	
<u>Meetings/Agricultural Advisory Committee/ Training</u>	161.5	

STATISTICS - AGRICULTURAL LOSS DUE TO PREDATOR ANIMALS

Coyote Kill	GOATS			Coyote Kill	SHEEP			Coyote Kill	CALVES			Coyote Kill	POULTRY		
	Dog Kill	Oth- er*			Dog Kill	Oth- er*			Dog Kill	Oth- er*			Dog Kill	Oth- er*	
41	31	0		90	77	0		48	5	31		10	90	0	

*Other predators include bobcats, cougars, etc.

Total estimated loss due to predators - 1972: \$19,134
1971: 8,650

FIELD CROPS - ACREAGE, PRODUCTION AND VALUE

1971 - 1972

ITEM	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
MISC. FIELD CROPS	1972	80	---	---	---	-----	\$ 20,000
	1971	100	---	---	---	-----	25,000
GRAIN HAY	1972	200	2.0	400	Ton	\$30.00	12,000
	1971	290	2.0	580	Ton	25.00	14,500
LEGUME HAY	1972	100	4.00	400	Ton	32.00	12,800
	1971	90	4.00	360	Ton	30.00	10,800
NATIVE HAY	1972	100	1.00	100	Ton	25.00	2,500
	1971	320	1.00	320	Ton	20.00	6,400
IRRIGATED PASTURE	1972	2,000	---	---	Acre	50.00	100,000
	1971	2,700	---	---	Acre	50.00	135,000
LEASED PASTURE	1972	148,000	---	---	Acre	3.50	518,000
	1971	148,000	---	---	Acre	3.50	518,000
RANGE LAND	1972	277,000	---	---	Acre	3.50	969,500
	1971	277,000	---	---	Acre	3.50	969,500
CHRISTMAS TREES	1972			49,000	Ea.	1.30	63,700
	1971			7,000	Ea.	4.50	31,500
						TOTAL - 1972	\$1,698,500
						TOTAL - 1971	1,710,700

APIARY PRODUCTS - PRODUCTION AND VALUE

1971 - 1972

ITEM	YEAR	PRODUCTION	UNIT	VALUE		
				PER UNIT	TOTAL	
BEESWAX	1972	100	Lb.	\$.50	\$100	
	1971	300	Lb.	.52	156	
HONEY	1972	500	Lb.	20	100	
	1971	1,500	Lb.	16	240	
					TOTAL - 1972	\$200
					TOTAL - 1971	396

FRUIT AND NUT CROPS - ACREAGE, PRODUCTION AND VALUE

1971 - 1972

ITEM	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE		
			PER ACRE	TOTAL		PER UNIT	TOTAL	
ALMONDS**	1972	65	.10	6.5	Ton	\$700.00	\$ 4,550	
	1971	65	.069	4.5	Ton	630.00	2,840	
APPLES*	1972	10	.21	2.1	Ton	200.00	420	
	1971	80	.125	10	Ton	150.00	1,500	
CHESTNUTS	1972	2	.500	1.00	Ton	500.00	500	
	1971	2	.500	1.00	Ton	500.00	500	
GRAPES**	1972	50	.50	10	Ton	250.00	2,500	
	1971	100	.50	50	Ton	150.00	7,500	
OLIVES*	1972	234	.21	50	Ton	250.00	12,500	
	1971	234	.21	50	Ton	240.00	12,000	
WALNUTS*	1972	500	.124	70	Ton	550.00	38,500	
	1971	500	.40	200	Ton	340.00	68,000	
*Crop Frozen						TOTAL FRUIT & NUT CROPS	1972	\$58,970
**Crop partially frozen							1971	92,340
TOTAL MISCELLANEOUS VEGETABLE & FRUIT CROPS:							1972	\$16,000
							1971	16,000
TOTAL NURSERY STOCK:							1972	3,300
							1971	3,500

LIVESTOCK AND POULTRY PRODUCTS - PRODUCTION AND VALUE

1971 - 1972

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
MFGD. MILK ***	1972	0	Cwt.	\$ ----	\$ ----
	1971	490	Cwt	4.31	2,120
EGGS	1972	1,348,000	Doz.	265	357,220
	1971	1,500,000	Doz	.23	345,000
WOOL	1972	24,000	Lb.	35	8,400
	1971	25,000	Lb.	.21	5,250
MOHAIR	1972	6,500	Lb.	.53	3,445
	1971	15,000	Lb.	.28	4,200
TOTAL - 1972					\$369,065
TOTAL - 1971					356,570

***No production in 1972

LIVESTOCK AND POULTRY - PRODUCTION AND VALUE

1971 - 1972

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. HEAD	TOTAL LIVE WEIGHT		PER UNIT	TOTAL
<u>CATTLE AND CALVES</u>						
COWS	1972	1,950	20,085	Cwt.	\$24.00	\$482,040
	1971	1,750	18,375	Cwt.	22.00	404,250
REGISTERED COWS & HEIFERS	1972	20	---	Ea.	325.00	6,500
	1971	30	---	Ea.	300.00	9,000
CULL BULLS	1972	165	2,145	Cwt.	30.00	64,350
	1971	200	2,800	Cwt.	26.00	72,800
HEIFERS	1972	1,800	11,700	Cwt.	33.00	386,100
	1971	2,000	13,600	Cwt.	28.00	380,800
STEERS	1972	5,500	39,875	Cwt.	38.00	1,515,250
	1971	5,500	41,250	Cwt.	32.00	1,320,000
BEEF CALVES	1972	5,500	27,500	Cwt.	42.00	1,155,000
	1971	6,350	31,750	Cwt.	34.00	1,079,500
REGISTERED BULLS	1972	100	---	Ea.	475.00	47,500
	1971	110	---	Ea.	450.00	49,500
TOTAL - CATTLE					1972	\$3,656,740
					1971	3,315,850
GOATS	1972	250	---	Ea.	15.00	3,750
	1971	400	---	Ea.	14.00	5,600
KID GOATS	1972	250	---	Ea.	14.00	3,500
	1971	325	---	Ea.	12.00	3,900
TOTAL - GOATS					1972	\$7,250
					1971	9,500

LIVESTOCK AND POULTRY - PRODUCTION AND VALUE

1971 - 1972

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. HEAD	TOTAL LIVE WEIGHT		PER UNIT	TOTAL
<u>SHEEP & LAMBS</u>						
LAMBS	1972	1,200	1,140	Cwt.	\$28.00	\$31,920
	1971	1,500	1,350	Cwt.	28.00	37,800
EWES	1972	250	----	Ea.	12.00	3,000
	1971	200	----	Ea.	8.00	1,600
EWES - BREEDING STK.	1972	20	----	Ea.	18.00	360
	1971	100	----	Ea.	18.00	1,800
REGISTERED RAMS	1972	10	----	Ea.	50.00	500
	1971	20	----	Ea.	60.00	1,200
TOTAL - SHEEP					1972	\$35,780
					1971	42,400
<u>HOGS & PIGS</u>						
FEEDER PIGS	1972	100	90	Cwt.	32.00	2,880
	1971	160	144	Cwt.	26.00	3,750
HOGS	1972	130	273	Cwt.	30.00	8,190
	1971	270	567	Cwt.	24.00	13,610
TOTAL - HOGS					1972	\$11,070
					1971	17,360
HORSES	1972	80	----	Ea.	165.00	13,200
	1971	90	----	Ea.	165.00	14,400
CHICKENS*	1972	---	----	--	----	275,000
	1971	---	----	--	----	312,650
TURKEYS	1972	63,000	1,386,000	Lb.	.23	318,780
	1971	60,000	1,200,000	Lb.	.21	252,000
MISC. POULTRY**	1972	---	----	--	----	5,000
	1971	---	----	--	----	5,000
TOTAL						\$611,980
TOTAL - LIVESTOCK & POULTRY					1972	\$4,322,820
					1971	3,969,160

*Includes hens and replacement pullets

**Includes rabbits

SUMMARY

1970 - 1971 - 1972

<u>ITEM</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
LIVESTOCK & POULTRY	\$3,742,125	\$3,969,160	\$4,322,820
LIVESTOCK & POULTRY PRODUCTS	401,850	356,570	369,065
FRUIT & NUT CROPS	139,080	92,340	58,970
MISC. VEGETABLE & FRUIT CROPS	16,000	16,000	16,000
NURSERY STOCK	3,500	3,500	3,300
FIELD CROPS	1,661,450	1,710,700	1,698,500
APIARY PRODUCTS	<u>329</u>	<u>396</u>	<u>200</u>
<u>TOTALS</u>	\$5,964,334	\$6,148,666	\$6,468,855

COMPARATIVE PRODUCTION VALUES

1972	\$6,468,855	1967	\$5,281,009
1971	6,148,666	1966	5,518,075
1970	5,964,334	1965	5,050,811
1969	5,712,439	1964	4,826,653
1968	5,001,035	1963	5,146,553

TEN LEADING FARM COMMODITIES

1. Cattle & Calves	\$3,656,740	6. Sheep & Lambs	\$35,780
2. Eggs	357,220	7. Field Crops	20,000
3. Turkeys	318,780	8. Olives	12,500
4. Chickens	275,000	9. Hogs & Pigs	11,070
5. Walnuts	38,500	10. Wool	8,400

INCOME FROM INDUSTRIES

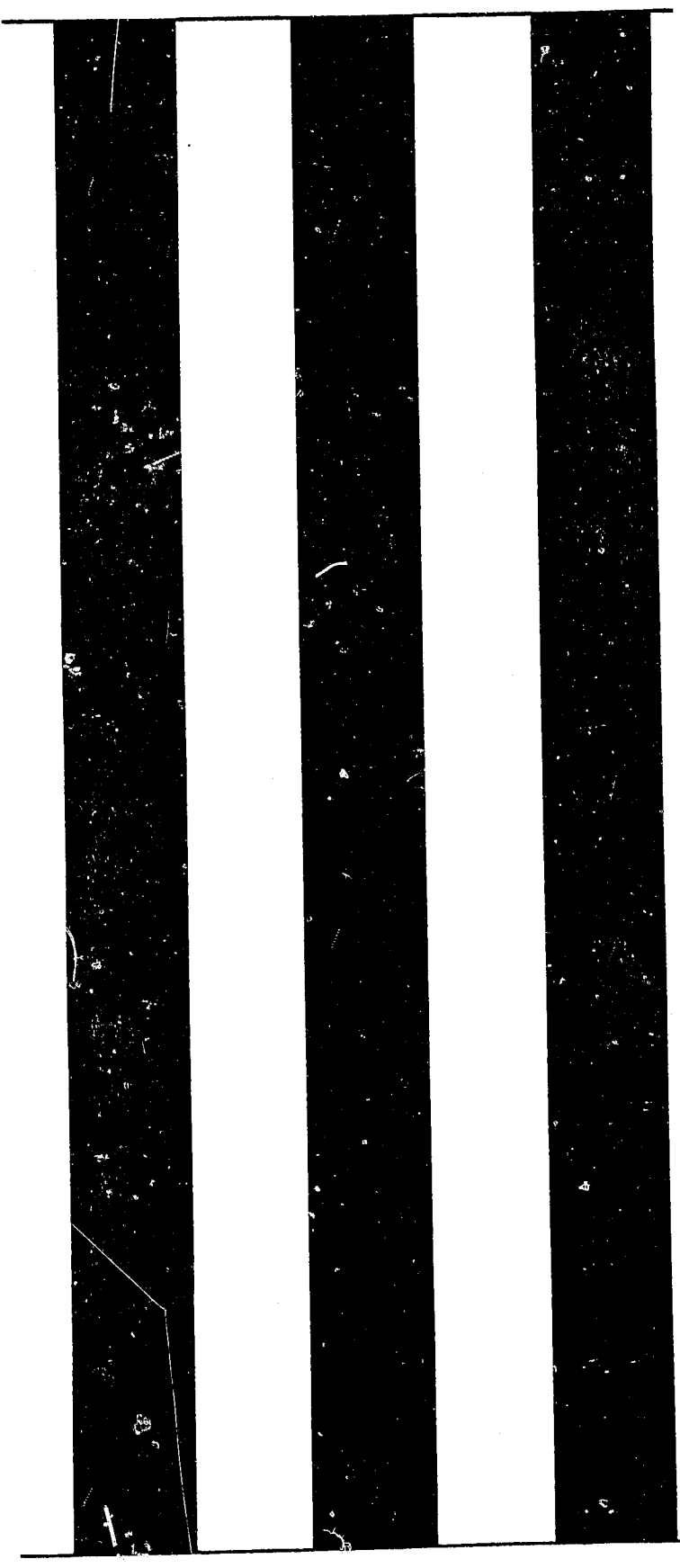
Agriculture - \$6,468,855 Lumbering - \$7,138,500 Mining - \$18,000,000

STATISTICS - CALAVERAS COUNTY

Land Area	657,280	Farms in County	260
Range Land	412,874	Irrigated Pasture	2,000
All Government Land	154,216	All Farm Land	72,418
		Water	15,772

Karney

Reference Department
University of California
University Library
Davis, Calif.

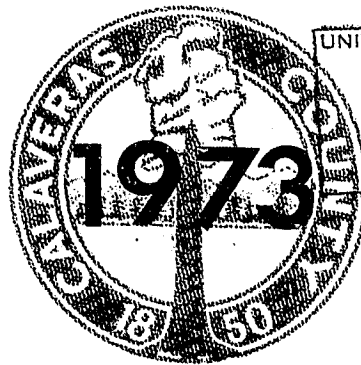


1973

DOCUMENTS
STACKS

Calif. CALAVERAS
COUNTY

REPORT
OF
AGRICULTURE



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WESLEY B. ANDAHL
Agricultural Commissioner
and
Director of Weights & Measures

D E P A R T M E N T O F A G R I C U L T U R E

CALAVERAS COUNTY

A N N U A L R E P O R T

C. B. CHRISTENSEN, DIRECTOR

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE CALAVERAS COUNTY BOARD OF SUPERVISORS

MARION L. WIMBERLY - CHAIRMAN - DISTRICT 1, SAN ANDREAS
DONALD L. CAFFEY DISTRICT 2, WEST POINT
MILTON B. SMITH DISTRICT 3, MURPHYS
HENRY H. MIDDLETON DISTRICT 4, ALTAVILLE
JOHN R. FISCHER DISTRICT 5, VALLEY SPRINGS

PRESENTED BY

WESLEY B. ANDAHL

AGRICULTURAL COMMISSIONER

AND

DIRECTOR OF WEIGHTS AND MEASURES

STAFF

JEARL D. HOWARD AGRICULTURAL INSPECTOR 111
DEPUTY SEALER, WEIGHTS AND MEASURES
JOHN W. GOUVAIA AGRICULTURAL INSPECTOR 11
WEIGHTS AND MEASURES INSPECTOR
NELL HARRIS STENO-CLERK 11

CALAVERAS COUNTY

W. B. ANDAHL
AGRICULTURAL COMMISSIONER
COUNTY DIRECTOR OF WEIGHTS AND MEASURES
GOVERNMENT CENTER

TELEPHONE 209-754-4142

AN ANDREAS, CALIFORNIA 95249

C. B. Christensen, Director
California Department of Food and Agriculture

and

The Honorable Board of Supervisors
Calaveras County

Gentlemen:

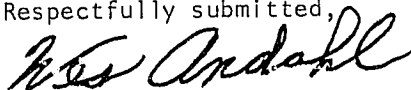
In compliance with the requirements of Section 2279 of the California Agricultural Code, I am pleased to submit the annual report of acreage, production and value of agricultural products in Calaveras County for 1973.

The gross value of agricultural products in 1973 was \$9,079,035, an increase of \$2,610,230 over 1972. Figures presented in the report do not reflect the net income to the producers but only the gross value of agricultural production. Costs of production and other expenses to the growers have not been taken into consideration.

Production of beef cattle led all other agricultural production in the County. More cattle, particularly cows and calves, were produced in 1973 than in previous years. The increase in market value, however, accounts for a large share of the increase in production value. The production of sheep and goats was about the same as in 1972. Market values were up over 1972. Producers of calves, sheep and goats continued to sustain losses due to predatory animals with losses estimated at \$45,838 in 1973. Production of turkeys and chickens increased in 1973 and market values were up over 1972. Fruit and nut crop production was excellent in 1973. Almonds and grapes suffered some damage from frost but the walnut, olive and apple crops were not affected.

My sincere thanks to all individuals who contributed information for this report and to my staff who compiled the data for the report.

Respectfully submitted,



Wesley B. Andahl
Agricultural Commissioner and
Director of Weights and Measures

RESPONSIBILITIES OF THE AGRICULTURAL COMMISSIONER

The Agricultural Commissioner, under State law, is responsible for the enforcement of provisions of the Agricultural Code, the Administrative Code as it pertains to agriculture and other federal, state and local regulations, for the benefit of the agricultural industry, related industries and the consumers. He is directly responsible to the Board of Supervisors who may assign additional duties. Agricultural commissioners are under the general direction of the State Director of Food and Agriculture.

Agricultural commissioners, their deputies and inspectors (or biologists) are qualified for positions through education and training. To be eligible for positions in agricultural departments in the counties, applicants must have college training in agricultural sciences and must be certified by the state in the various agricultural fields through state examinations.

To ascertain that agricultural programs are carried out on a uniform basis throughout the State, the California Department of Food and Agriculture schedules training sessions covering the various aspects of the work in agriculture, that must be attended by county personnel. Through this method, county personnel is aware of changes in laws and regulations and methods of procedure as changes occur.

A brief description of the work activities of the Agricultural Department follows:

APIARY INSPECTION

Beekeepers must register all colonies of bees in possession with the Agricultural Commissioner of the county where the bees are located, each year. All apiaries are inspected regularly for bee diseases and for compliance with state and local regulations.

CROP STATISTICS

An annual Crop Report including value, acreage and production of agricultural products in the county is compiled every year as required by state law. Weekly reports on crops and livestock production are made to the California Department of Food and Agriculture.

EGG QUALITY CONTROL

The Agricultural Commissioner is responsible for the enforcement of state and federal laws pertaining to eggs and egg products. This includes the regulations governing the packing, shipping and sale of eggs.

FRUIT, VEGETABLE, NUT AND HONEY QUALITY CONTROL

Products are inspected at wholesale and retail level for compliance with state laws relating to the preparation, packing, shipping and sale of produce. Products not in compliance are taken off sale.

NURSERY INSPECTION

The Agricultural Commissioner enforces regulations pertaining to cleanliness from pests, labeling and grading of stock in nurseries in the county through regular inspections.

PEST DETECTION

Pest detection includes time spent in all detection activities for agricultural pests (plant disease, insects, weeds, vertebrate pests and nematodes), not known to occur or of limited distribution in the state. The majority of surveys for pest detection are visual. During the summer months, insect traps for the detection of insect pests such as the gypsy moth, Japanese beetle and fruit flies are deployed throughout the county in a cooperative effort with the state. These insects are not known to exist in California. Traps are serviced at regular intervals and if a specimen should be found, eradication measures would be taken.

PEST ERADICATION

Pest eradication includes time spent in the eradication of pests that are new or are of limited distribution in the county in accord with federal, state or county programs. There are six noxious weeds under eradication in Calaveras County: oblong spurge, white horsenettle, Scotch thistle, distaff thistle, purple star thistle and artichoke thistle.

PEST EXCLUSION

Incoming shipments of plants and other related material are now inspected at a regional center rather than at the post offices in the county. Incoming shipments at other terminals are inspected by personnel from Calaveras County. Inspection serves to prevent movement of plants and related material without proper certification thereby controlling the spread of plant pests.

PEST MANAGEMENT (CONTROL)

Poison bait for the control of vertebrate pests and grasshoppers is available at cost in the Agricultural Department. A gopher machine owned by the county may be used by residents under agreement with the Agricultural Commissioner. Owners of large acreages may obtain assistance from qualified personnel in the department for control of ground squirrels. Identification of pests and recommendations for the control of pests is a service of the Agricultural Department. Puncture vine and Scotch broom are controlled along county roads by chemical means. Klamath weed is under biological control in the county.

PESTICIDE USE ENFORCEMENT

All Pest Control Operators and Pest Control Advisers must be licensed by the state and registered in the county prior to working in the county. Pesticide Dealers must also be licensed by the state. Regular inspections are made by personnel from the Agricultural Department of equipment and methods of application of chemicals by Pest Control Operators. Permits for the purchase and use of restricted materials are issued by the Agricultural Commissioner. Persons applying restricted materials are required to report on usage. Safety precautions and the proper disposal of used containers are stressed when permits are issued.

SEED INSPECTION

All agricultural, lawn and garden seed is inspected at retail level in Calaveras County for compliance with labeling and germination standards set forth by the California Seed Law.

WEED CONTROL (NON REGULATORY)

County roads are treated with soil sterilants regularly to prevent the growth of grasses and certain broadleaf weeds. Advantages of this program are: lessening of fire hazards, beautification, better visibility and the elimination of hiding places for insects, rodents and reptiles. Brush and blackberries are controlled along county roads and on other public lands. Special districts contract with the Agricultural Commissioner for soil sterilization and brush control.

WEIGHTS AND MEASURES

The Agricultural Commissioner of Calaveras County is also the Director of Weights and Measures. He enforces regulations of the Business and Professions Code and the portions of the Administrative Code that deal with weights and measures.

A brief description of the functions of the Department of Weights and Measures follow:

Device Inspection

All weighing and measuring devices used commercially within the county are tested for accuracy at least once a year and more often if the device is in constant use. If a device is found to be accurate, a seal is placed on it in a conspicuous place. If it is not in tolerance, it is declared to be out of order and may not be used until it is repaired or replaced. It must be re-tested before being put back into use.

Quantity Control

All types of prepackaged commodities found in retail markets are weighed for accuracy by statistical sampling. Contents of the package must comply with the label. If packages are not in compliance, entire lots may be taken off sale and returned to the distributor or packer or repacked at the market.

Weighmaster

Persons engaged in the business of weighing for hire must be licensed by the state. The weighmaster business is regulated by provisions of the Weighmaster Enforcement Law. Regular inspections of weighmasters are made for compliance.

Petroleum

Petroleum products are tested for compliance with standards set by the federal and state governments. Advertising signs on gasoline pumps and on other petroleum products must be in compliance with state regulations. Regular inspections of service stations and garages in the county are routine.

STATISTICS ON AGRICULTURAL DEPARTMENT FUNCTIONS - 1973

<u>Function</u>	<u>Man Hours</u>	<u>Comments</u>
<u>Apiary Inspection</u>	40.0	39 colonies inspected
<u>Crop Statistics</u>	148.0	600 Annual Crop Reports distributed
<u>Egg Quality Control</u>	133.0	111 lots/ 6,999 dozen inspected 277 dozen rejected
<u>Fruit, Vegetable, Nut and Honey Quality Control</u>	120.5	7,534 lots/14,318 packages inspected
<u>Nursery Inspection</u>	46.0	38 calls made during year
<u>Pest Detection</u>	353.0	1,202 calls - including insect trapping, weed detection, etc.
<u>Pest Eradication</u>	135.0	6 noxious weeds under eradication 90 calls during year
<u>Pest Exclusion</u>	202.5	830 shipments inspected 4 shipments rejected
<u>Pest Management</u>	1,672.5	2,368 calls 1,946 lbs. bait sold
<u>Pesticide Use Enforcement</u>	148.0	132 permits - Restricted materials 36 Pest Control Advisers registered 17 Pest Control Operators registered 1 Pesticide Dealer registered
<u>Seed Inspection</u>	9.0	102 lots/821 packages inspected
<u>Weed Control (NR)</u>	1,121.0	Acreage treated - 831.54 net/ 3,226.23 gross
<u>Device Inspection</u>	1,800.5	621 weighing & measuring devices tested - 680 establishments visited
<u>Quantity Control</u>	286.0	12,425 packages sampled 465 packages rejected
<u>Weighmaster Enforcement</u>	79.5	10 inspections - 2 investigations 1 court hearing
<u>Petroleum Meetings (Agricultural Advisory, Pollution, etc) and Training</u>	99.0 261.5	34 calls - inspection & enforcement

STATISTICS - AGRICULTURAL LOSS DUE TO PREDATOR ANIMALS - 1973

<u>GOATS</u>			<u>SHEEP</u>			<u>CALVES (& COWS)</u>			<u>POULTRY</u>		
<u>Coyote Kill</u>	<u>Dog Kill</u>	<u>Oth- er*</u>	<u>Coyote Kill</u>	<u>Dog Kill</u>	<u>Oth- er*</u>	<u>Coyote Kill</u>	<u>Dog Kill</u>	<u>Oth- er*</u>	<u>Coyote Kill</u>	<u>Dog Kill</u>	<u>Oth- er*</u>
107	29	5	76	16	1	80	23	35	56	162	51

*Other - includes bobcats, cougars, etc.

Total estimated loss due to predators - 1973: \$45,838
1972: 19,134

FIELD CROPS - ACREAGE, PRODUCTION AND VALUE

1972 - 1973

ITEM	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
MISC. FIELD CROPS	1973	80	---	---	---	-----	\$ 34,000
	1972	80	---	---	---	-----	20,000
GRAIN HAY	1973	135	2.0	265	Ton	\$35.00	9,275
	1972	200	2.0	400	Ton	30.00	12,000
LEGUME HAY	1973	120	4.00	480	Ton	45.00	21,600
	1972	100	4.00	400	Ton	32.00	12,800
NATIVE HAY	1973	190	1.00	190	Ton	30.00	5,700
	1972	100	1.00	100	Ton	25.00	2,500
IRRIGATED PASTURE	1973	2,000	---	---	Acre	60.00	120,000
	1972	2,000	---	---	Acre	50.00	100,000
LEASED PASTURE	1973	148,000	---	---	Acre	3.50	518,000
	1972	148,000	---	---	Acre	3.50	518,000
RANGE LAND	1973	277,000	---	---	Acre	3.50	969,500
	1972	277,000	---	---	Acre	3.50	969,500
CHRISTMAS TREES	1973			18,750	Each	2.80	52,500
	1972			49,000	Each	1.30	63,700
				TOTAL - 1973			\$1,730,575
				TOTAL - 1972			1,698,500

APIARY PRODUCTS - PRODUCTION AND VALUE

1972 - 1973

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
BEESWAX	1973	300	Lb.	\$.75	\$225
	1972	100	Lb.	.50	50
HONEY	1973	1,950	Lb.	.50	975
	1972	500	Lb.	.20	100
			TOTAL - 1973		\$1,200
			TOTAL - 1972		150*

*Corrected figure

FRUIT AND NUT CROPS - ACREAGE, PRODUCTION AND VALUE

1972 - 1973

ITEM	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
ALMONDS*	1973	65	.23	15.0	Ton	\$1250.00	\$18,750
	1972	65	.10	6.5	Ton	700.00	4,550
APPLES	1973	140	.70	98.0	Ton	290.00	28,420
	1972	10	.21	2.1	Ton	200.00	420
CHESTNUTS	1973	2	.500	1.00	Ton	500.00	500
	1972	2	.500	1.00	Ton	500.00	500
GRAPES*	1973	50	.44	22	Ton	300.00	6,600
	1972	50	.20	10	Ton	250.00	2,500
OLIVES	1973	234	1.71	400	Ton	350.00	140,000
	1972	234	.21	50	Ton	250.00	12,500
WALNUTS	1973	575	.59	340	Ton	580.00	197,200
	1972	500	.124	70	Ton	550.00	38,500
TOTAL FRUIT AND NUT CROPS						1973	\$391,470
*Crop partially frozen						1972	58,970
TOTAL MISCELLANEOUS VEGETABLE & FRUIT CROPS						1973	60,900
						1972	16,000
TOTAL NURSERY STOCK						1973	15,000
						1972	3,300

LIVESTOCK AND POULTRY PRODUCTS - PRODUCTION AND VALUE

1972 - 1973

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
EGGS	1973	1,263,000	Doz.	\$.510	\$644,130
	1972	1,348,000	Doz.	.265	357,220
WOOL	1973	25,400	Lb.	.57	14,480
	1972	24,000	Lb.	.35	8,400
MOHAIR	1973	6,000	Lb.	1.85	11,100
	1972	6,500	Lb.	.53	3,445
TOTAL				1973	\$669,710
				1972	369,065

NOTE: No manufactured milk production in 1972 or 1973

LIVESTOCK AND POULTRY - PRODUCTION AND VALUE

1972 - 1973

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. HEAD	TOTAL LIVE WEIGHT		PER UNIT	TOTAL
<u>CATTLE AND CALVES</u>						
COWS	1973	2,600	27,300	Cwt.	\$32.00	\$873,600
	1972	1,950	20,085	Cwt.	24.00	482,040
REGISTERED COWS & HEIFERS	1973	50	---	Each	350.00	17,500
	1972	20	---	Each	325.00	6,500
CULL BULLS	1973	185	2,500	Cwt.	36.00	90,000
	1972	165	2,145	Cwt.	30.00	64,350
HEIFERS	1973	1,900	12,700	Cwt.	45.00	571,500
	1972	1,800	11,700	Cwt.	33.00	386,100
STEERS	1973	4,550	33,215	Cwt.	49.00	1,627,535
	1972	5,500	39,875	Cwt.	38.00	1,515,250
BEEF CALVES	1973	6,300	31,500	Cwt.	57.00	1,795,560
	1972	5,500	27,500	Cwt.	42.00	1,155,000
REGISTERED BULLS	1973	180	---	Each	500.00	90,000
	1972	100	---	Each	475.00	47,500
TOTAL - CATTLE					1973	\$5,065,695
					1972	3,656,740
GOATS	1973	160	---	Each	15.00	2,400
	1972	250	---	Each	15.00	3,750
KID GOATS	1973	250	---	Each	16.00	4,000
	1972	250	---	Each	14.00	3,500
TOTAL - GOATS					1973	\$6,400
					1972	7,250

LIVESTOCK AND POULTRY - PRODUCTION AND VALUE

1972 - 1973

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. HEAD	TOTAL LIVE WEIGHT		PER UNIT	TOTAL
<u>SHEEP AND LAMBS</u>						
LAMBS	1973	1,100	1,045	Cwt.	\$34.50	\$ 36,050
	1972	1,200	1,140	Cwt.	28.00	31,920
EWES	1973	340	---	Each	12.00	4,080
	1972	250	---	Each	12.00	3,000
EWES - BREEDING STK.	1973	15	---	Each	20.00	300
	1972	20	---	Each	18.00	360
REGISTERED RAMS	1973	20	---	Each	70.00	1,400
	1972	10	---	Each	50.00	500
TOTAL - SHEEP					1973	\$41,830
					1972	35,780
<u>HOGS AND PIGS</u>						
FEEDER PIGS	1973	140	126	Cwt.	42.00	5,290
	1972	100	90	Cwt.	32.00	2,880
HOGS	1973	185	388	Cwt.	40.00	15,520
	1972	130	273	Cwt.	30.00	8,190
TOTAL - HOGS					1973	\$20,810
					1972	11,070
HORSES	1973	45	---	Each	165.00	7,425
	1972	80	---	Each	165.00	13,200
CHICKENS*	1973	---	---	---	---	475,000
	1972	---	---	---	---	275,000
TURKEYS	1973	88,000	1,836,000	Lb.	.32	587,520
	1972	63,000	1,386,000	Lb.	.23	318,780
MISC. POULTRY**	1973	---	---	---	---	5,500
	1972	---	---	---	---	5,000
TOTAL					1973	\$1,075,445
					1972	611,980
TOTAL - LIVESTOCK AND POULTRY					1973	\$6,210,180
					1972	4,322,820

*Includes hens and replacement puflets

**Includes rabbits

SUMMARY

1971 - 1972 - 1973

<u>ITEM</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>
LIVESTOCK & POULTRY	\$3,969,160	\$4,322,820	\$6,210,180
LIVESTOCK & POULTRY PRODUCTS	356,570	369,065	669,710
FRUIT & NUT CROPS	92,340	58,970	391,470
MISC. VEGETABLE & FRUIT CROPS	16,000	16,000	60,900
NURSERY STOCK	3,500	3,300	15,000
FIELD CROPS	1,710,700	1,698,500	1,730,575
APIARY PRODUCTS	<u>396</u>	<u>150*</u>	<u>1,200</u>
<u>TOTALS</u>	\$6,148,666	\$6,468,805*	\$9,079,035

*Corrected

COMPARATIVE PRODUCTION VALUES

1973	\$9,079,035	1968	\$5,001,035
1972	6,468,805	1967	5,281,009
1971	6,148,666	1966	5,518,075
1970	5,964,334	1965	5,050,811
1969	5,712,439	1964	4,826,653

TEN LEADING FARM COMMODITIES

1. Cattle & Calves	\$5,065,695	6. Olives	\$140,000
2. Eggs	644,130	7. Sheep & Lambs	41,830
3. Turkeys	587,520	8. Field Crops	34,000
4. Chickens	475,000	9. Apples	28,420
5. Walnuts	197,200	10. Legume Hay	21,600

INCOME FROM INDUSTRIES

Agriculture - \$9,079,035 Lumbering - \$6,106,350 Mining - \$18,500,000

STATISTICS - CALAVERAS COUNTY

Land Area	657,280 Acres	Farms in County	260
Range Land	412,874 Acres	Irrigated Pasture	2,000 Acres
All Government Land	154,216 Acres	All Farm Land	72,418 Acres
		Water	15,772 Acres

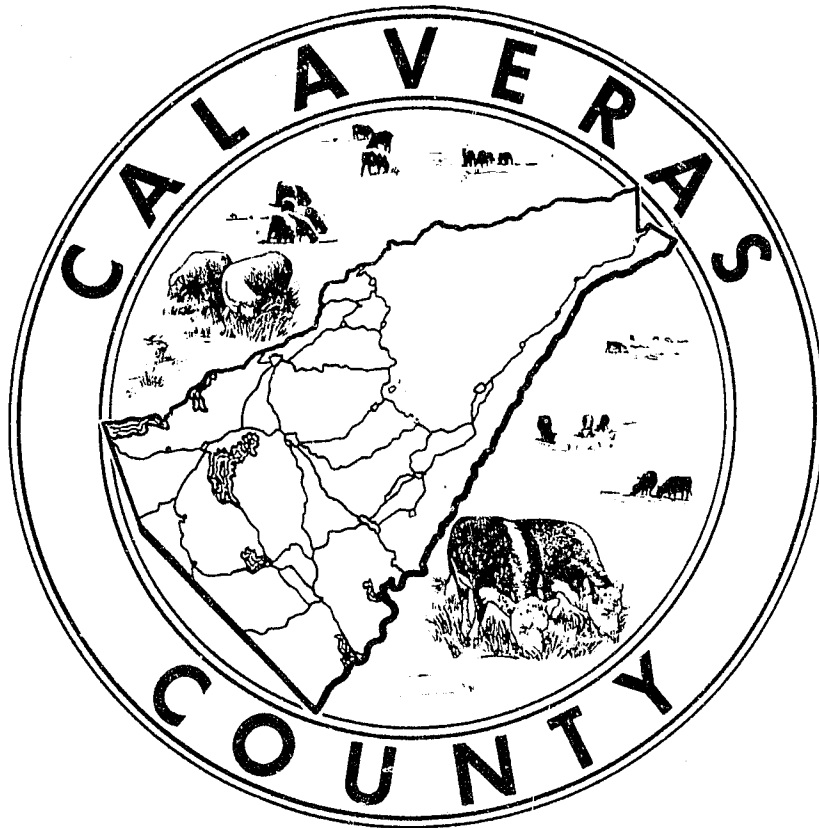
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1974



1974

AGRICULTURAL CROP REPORT

DEPARTMENT OF AGRICULTURE
GOVERNMENT CENTER, SAN ANDREAS, CALIFORNIA 95249

WESLEY B. ANDAHL
Agricultural Commissioner
and
Director of Weights & Measures

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DEPARTMENT OF AGRICULTURE

CALAVERAS COUNTY

ANNUAL REPORT

L. T. (TIM) WALLACE
DIRECTOR

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE CALAVERAS COUNTY BOARD OF SUPERVISORS

MARION L. WIMBERLY - CHAIRMAN - DISTRICT 1, SAN ANDREAS
DONALD L. CAFFEY DISTRICT 2, WEST POINT
DANIEL J. MILLER DISTRICT 3, ARNOLD
LEONARD E. ANDERSON DISTRICT 4, VALLECITO
JOHN R. FISCHER DISTRICT 5, VALLEY SPRINGS

PRESENTED BY

WESLEY B. ANDAHL

AGRICULTURAL COMMISSIONER

AND

DIRECTOR OF WEIGHTS AND MEASURES

STAFF

JEARL D. HOWARD AGRICULTURAL BIOLOGIST III
DEPUTY SEALER, WEIGHTS AND MEASURES
DOUGLAS V. NORFOLK AGRICULTURAL BIOLOGIST I
WEIGHTS AND MEASURES INSPECTOR
NELL HARRIS STENO-CLERK II

CALAVERAS COUNTY

W. B. ANDAHL
AGRICULTURAL COMMISSIONER
COUNTY DIRECTOR OF WEIGHTS AND MEASURES
GOVERNMENT CENTER

TELEPHONE 209-754-4142

AN ANDREAS, CALIFORNIA 95249

L. T. (Tim) Wallace, Director
California Department of Food and Agriculture

and

The Honorable Board of Supervisors
Calaveras County

Gentlemen:

In compliance with the provisions of Section 2279 of the California Agricultural Code, I am pleased to submit the Calaveras County Crop Report including acreage, production and value of agricultural products in the county for the calendar year of 1974.

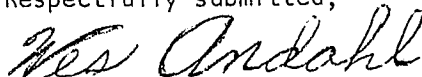
The gross value of agricultural products in 1974 was \$6,976,490. This is a decrease of \$2,102,545 from production in 1973.

It must be emphasized that this report reflects gross return value and in no way represents actual profits to the producers.

Production of beef cattle continues to lead agricultural production in the county. The decrease in market value in 1974 accounts for the drop in production value. Production of sheep and goats increased during 1974 and market values were up slightly over 1973. Production of wool and mohair also increased during 1974. The production of chickens, turkeys and eggs declined in 1974 and market values were not as high as in 1973. Fruit and nut crops in the county were partially frozen in the spring of 1974 and production was not as high as in 1973. Production of hay increased in 1974.

I wish to express my sincere appreciation to the many individuals and firms who cooperated to make this report possible. I also wish to thank my staff, under the direction of Agricultural Biologist Jerry Howard, who coordinated and compiled this report.

Respectfully submitted,



Wesley B. Andahl
Agricultural Commissioner and
Director of Weights and Measures

ADMINISTRATION - COUNTY DEPARTMENT OF AGRICULTURE

The County Agricultural Commissioner is the head of the County Department of Agriculture. He is directly responsible to the County Board of Supervisors who appoint him. He is responsible for the enforcement of state laws, state regulations and local ordinances relating to agriculture. The primary purpose of the Department of Agriculture is to protect and promote the agricultural industry in the county. County Agricultural Commissioners are under the general direction of the Director of the California Department of Food and Agriculture.

The Commissioner's professional staff members must have a background of education and experience in agriculture and are required to successfully complete examinations given by the State of California to qualify for certificates in eight basic subjects pertaining to agriculture.

Activities of the Agricultural Department are divided into the following categories:

Apiary Inspection - Apiaries are inspected for bee disease to protect the bee industry. The Agricultural Department enforces state and county bee laws.

Crop Statistics - Data on acreage, production and value of crops grown in the county is compiled and published in the annual Crop Report. The Crop Report is used by producers and by agencies and businesses closely related to agricultural production.

Egg Quality Control - The Agricultural Department is responsible for the enforcement of state laws and regulations governing the packing, shipping and sale of eggs in order to maintain standards on grades and sizes of eggs.

Fruit, Vegetable, Nut and Honey Quality Control - Products are inspected at retail and wholesale level for compliance with state laws relating to the preparation, packing, shipping and sale of produce and honey. Inspection is essential to keep products at a high level and to protect the consumer.

Nursery Inspection - Nurseries are inspected at regular intervals for compliance with all laws, rules and regulations pertaining to nursery stock. They are inspected for grades and standards of stock and cleanliness from pests injurious to plants and also for proper labeling of stock. The Commissioner issues shipping permits, nursery stock certificates and other required certificates to facilitate the movement of nursery stock.

Pest Detection - Pest detection is the systematic search for specific pests and new pests outside a known area. The County Department of Agriculture pest detection program is carried out in conformity with the state wide program. During the summer, insect trapping for the gypsy moth, Japanese beetle and fruit flies is a regular program. Surveys for noxious weeds new to the county are made during the year and special surveys are made for the detection of new vertebrate pests and plant disease. Our biologists must be highly trained to be effective in detection whether the pests be insects, plant pathogens, nematodes, weeds or even animals such as snails, rodents or birds.

Pest Eradication - This is the eradication of agricultural pests that are new or are of limited distribution in accord with federal, state and county programs. The eradication program in Calaveras County is confined to the eradication of Scotch thistle, distaff thistle, purple starthistle, artichoke thistle and oblong spurge at the present time. A small infestation of white horsenettle found several years ago has been eradicated. If other types of agricultural pests new to the county should be found through the pest detection program, eradication practices would immediately be put into effect. The practices would include eradication of insect pests, vertebrate pests and plant disease if it became necessary.

Pest Exclusion - The Agricultural Commissioner is the enforcing officer of all laws and regulations relating to the prevention of introduction into or spread within the state, of plant pests. All incoming shipments of plant material and related products are inspected at a regional center or at terminals within Calaveras County. Inspection is necessary to prevent the introduction and spread of insects, noxious weeds and plant disease.

Pest Management - The program includes keeping informed about common agricultural pest conditions that exist within the county including insects, mites, plant disease, weeds and vertebrate pests. This program serves to prevent excessive agricultural crop losses and assists homeowners in controlling common pests. The Agricultural Department recommends and disperses pest control information via office calls, home and farm visits, telephone calls and letters. Another phase of the pest management program is the suppression of common pests in accordance with county policies. Noxious weeds such as puncture vine, Scotch broom, Johnson grass and Bermuda grass are controlled along county roads and on other public lands. Management of vertebrate pests including ground squirrels, gophers, voles, rats and mice is also included in the program. Poison baits are prepared and sold at cost to county residents by the Agricultural Department and qualified personnel is available to assist owners of large acreages with rodent control.

Pesticide Use Enforcement - The County Agricultural Commissioner is responsible for the enforcement of federal, state and local laws and regulations dealing with the use of chemical pesticides in the county. The use of pesticides to protect crops and livestock is essential in order to provide a good quality of plentiful foods at reasonable prices. Many pesticides may be harmful to humans, animals or the environment if not used according to prescribed safety practices. The pesticide enforcement program includes the registration of Pest Control Operators, Pest Control Advisers, Pesticide Dealers; the issuance of permits for the use of restricted herbicides and materials; the review of usage reports on restricted pesticides; the inspection of equipment and methods of application of pesticides; and the investigation of complaints.

Seed Inspection - To assure the public that all seed sold in the county is in compliance with the California Seed Law, the Agricultural Department inspects seed for compliance with labeling and germination standards.

Weed Control (Non-regulatory) - County roads are treated with soil sterilants to prevent the growth of grasses and broadleaf weeds thereby lessening fire hazards, eliminating hiding places for insects, rodents and reptiles, and eliminating driving hazards through better visibility. Brush and blackberries are controlled along county roads. The Department of Agriculture contracts with special districts in the county for soil sterilization and brush control in the districts.

WEIGHTS AND MEASURES

The Agricultural Commissioner in Calaveras County is also the Director of Weights and Measures. The Department of Weights and Measures is maintained to protect the interests of buyers and sellers in the county. Protection is accomplished by the continuous systematic inspection of all weighing and measuring devices used commercially in the county and through supervision of all packaged commodities offered for sale in the county. Laws governing the sale of petroleum products and the Weighmaster Enforcement Law are also enforced by the department under the supervision of the Director of Weights and Measures.

The following is a brief description of the functions of the department:

Device Inspection - All commercial weighing or measuring devices are tested for accuracy at least once a year or more often if in heavy use. All such devices must be tested and sealed before they may be used.

Quantity Control - Prepackaged commodities such as packaged meat must be sampled periodically to determine if the packages contain the amount or quantity represented on the label.

Petroleum - Advertising of petroleum products must be in conformance to state established standards. Petroleum products are sampled for compliance with quality specifications as prescribed by state law.

Weighmaster Enforcement - Any person who is in the business of weighing for hire must be licensed and bonded. Establishments in the business of weighing for hire are inspected regularly for compliance with the Weighmaster Enforcement law.

STATISTICS ON AGRICULTURAL DEPARTMENT FUNCTIONS - 1974

<u>Function</u>	<u>Man Hours</u>	<u>Comments</u>
<u>Apiary Inspection</u>	39.0	9 apiaries/218 colonies inspected
<u>Crop Statistics</u>	123.5	600 Annual Crop Reports distributed
<u>Egg Quality Control</u>	67.5	61 lots/4,597 dozen inspected 348 dozen rejected
<u>Fruit, Vegetable, Nut & Honey Quality Control</u>	83.0	6,836 lots/12,566 cont. inspected
<u>Nursery Inspection</u>	43.5	47 calls made during year
<u>Pest Detection</u>	462.5	1,342 calls - includes insect trapping, weed detection, etc.
<u>Pest Eradication</u>	122.5	5 noxious weeds under eradication
<u>Pest Exclusion</u>	88.5	55 shipments inspected
<u>Pest Management</u>	1,736.5	2,660 calls during year 5,550 pounds of bait sold 310.38 Net/2,064.97 Gross acres treated with herbicides
<u>Pesticide Use Enforcement</u>	170.0	132 permits for restricted materials & herbicides 18 Pest Control Operators registered 25 Pest Control Advisers registered
<u>Seed Inspection</u>	6.5	71 lots/755 packages inspected
<u>Weed Control (NR)</u>	1,000.5	14 special districts treated for weed control. County roads treated. Total acreage - 1,018.10 net/1,364.24 gross
<u>Device Inspection</u>	1,421.0	832 weighing and measuring devices tested for accuracy 1,136 establishments visited
<u>Quantity Control</u>	301.5	7,025 packages acted upon. 263 rejected
<u>Weighmaster Enforcement</u>	29.0	28 inspections, 1 investigation 1 court case - Fine paid
<u>Petroleum</u>	103.5	132 calls - inspection and enforcement
<u>Meetings and Training</u>	3,030.5	Includes time spent on Agricultural Preserves, Committee meetings, Conferences and training schools

STATISTICS - AGRICULTURAL LOSS DUE TO PREDATORY ANIMALS - 1974

<u>Goats</u>			<u>Sheep</u>			<u>Calves (& Cows)</u>			<u>Poultry</u>		
<u>Coyote Kill</u>	<u>Dog Kill</u>	<u>Oth-er*</u>	<u>Coyote Kill</u>	<u>Dog Kill</u>	<u>Oth-er*</u>	<u>Coyote Kill</u>	<u>Dog Kill</u>	<u>Oth-er*</u>	<u>Coyote Kill</u>	<u>Dog Kill</u>	<u>Oth-er*</u>
80	28	28	80	18	3	79	20	34	115	210	116

*Other - includes bobcats, cougars, etc.

Total Estimated Loss Due to Predators - 1974: \$38,590
1973: 45,838

FIELD CROPS - ACREAGE, PRODUCTION AND VALUE

1973 - 1974

ITEM	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
MISC. FIELD CROPS*	1974	100	---	---	---	---	\$45,000
	1973	80	---	---	---	---	34,000
GRAIN HAY	1974	470	2.0	940	Ton	\$50.00	47,000
	1973	135	2.0	265	Ton	35.00	9,275
LEGUME HAY	1974	120	4.0	480	Ton	65.00	31,200
	1973	120	4.0	480	Ton	45.00	21,600
NATIVE HAY	1974	145	1.0	145	Ton	40.00	5,800
	1973	190	1.0	190	Ton	30.00	5,700
IRRIGATED PASTURE	1974	2,000	---	---	Acre	80.00	160,000
	1973	2,000	---	---	Acre	60.00	120,000
LEASED PASTURE	1974	148,000	---	---	Acre	4.00	592,000
	1973	148,000	---	---	Acre	3.50	518,000
RANGE LAND	1974	277,000	---	---	Acre	4.00	1,108,000
	1973	277,000	---	---	Acre	3.50	969,500
CHRISTMAS TREES	1974	---	---	12,500	Each	3.30	41,250
	1973	---	---	18,750	Each	2.80	52,500
					TOTAL - 1974		\$2,030,250
					TOTAL - 1973		1,730,575

*Includes barley, wheat,
dry beans and onions

APIARY PRODUCTS - PRODUCTION AND VALUE

1973 - 1974

ITEM	YEAR	PRODUCTION	UNIT	VALUE		
				PER UNIT	TOTAL	
BEESWAX	1974	450	Lb.	\$1.20	\$ 540	
	1973	300	Lb.	.75	225	
HONEY	1974	4,080	Lb.	.50	2,040	
	1973	1,950	Lb.	.50	975	
					TOTAL - 1974	\$2,580
					TOTAL - 1973	1,200

FRUIT AND NUT CROPS - ACREAGE, PRODUCTION AND VALUE
1973 - 1974

ITEM	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
ALMONDS*	1974	65	.14	9	Ton	\$ 900.00	\$ 8,100
	1973	65	.23	15	Ton	1,250.00	18,750
APPLES*	1974	140	.68	95	Ton	250.00	23,750
	1973	140	.70	98	Ton	290.00	28,420
GRAPES* (Wine)	1974	50	.62	31	Ton	180.00	5,580
	1973	50	.44	22	Ton	300.00	6,600
OLIVES*	1974	234	1.52	355	Ton	420.00	149,100
	1973	234	1.71	400	Ton	350.00	140,000
WALNUTS*	1974	575	.38	220	Ton	410.00	90,200
	1973	575	.59	340	Ton	580.00	197,200
MISC. FRUITS & NUTS**	1974	65	---	---	---	----	94,150
	1973	65	---	---	---	----	51,000
<u>TOTAL FRUIT & NUT CROPS</u>						1974	\$370,880
*Crop partially frozen						***1973	441,970
**Includes berries, cherries, chestnuts, peaches, pears						1974	11,520
***Revised figure						***1973	10,400
****Includes corn, potatoes, tomatoes & wax peppers						1974	16,500
<u>TOTAL NURSERY STOCK</u>						1973	15,000

LIVESTOCK AND POULTRY PRODUCTS - PRODUCTION AND VALUE
1973 - 1974

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
EGGS	1974	1,355,000	Doz.	\$.41	\$555,550
	1973	1,263,000	Doz.	.51	644,130
MOHAIR	1974	11,500	Lb.	.98	11,270
	1973	6,000	Lb.	1.85	11,100
WOOL	1974	27,100	Lb.	.52	14,090
	1973	25,400	Lb.	.57	14,480
OTHER LVSTK. & POULTRY PRODUCTS*	1974	-----	---	---	22,600
	1973	-----	---	---	-----
<u>TOTAL LIVESTOCK & POULTRY PRODUCTS</u>				1974	\$603,510
				1973	669,710

*Includes turkey hatching eggs and manufactured goat's milk

LIVESTOCK AND POULTRY - PRODUCTION AND VALUE

1973 - 1974

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. HEAD	TOTAL LIVE WEIGHT		PER UNIT	TOTAL
<u>CATTLE & CALVES</u>						
COWS	1974	1,960	20,090	Cwt.	\$27.00	\$542,430
	1973	2,600	27,300	Cwt.	32.00	873,600
REG. COWS & HEIFERS	1974	160	---	Ea.	375.00	60,000
	1973	50	---	Ea.	350.00	17,500
CULL BULLS	1974	155	2,090	Cwt.	32.50	67,925
	1973	185	2,500	Cwt.	36.00	90,000
HEIFERS	1974	1,800	11,700	Cwt.	33.00	386,100
	1973	1,900	12,700	Cwt.	45.00	571,500
STEERS	1974	3,950	27,650	Cwt.	37.00	1,023,050
	1973	4,550	33,215	Cwt.	49.00	1,627,535
BEEF CALVES	1974	4,800	25,200	Cwt.	33.00	831,600
	1973	6,300	31,500	Cwt.	57.00	1,795,560
REGISTERED BULLS	1974	150	---	Ea.	425.00	63,750
	1973	180	---	Ea.	500.00	90,000
TOTAL - CATTLE					1974	\$2,974,855
					1973	5,065,695
<u>GOATS</u>						
GOATS	1974	410	---	Ea.	16.00	6,560
	1973	160	---	Ea.	15.00	2,400
KID GOATS	1974	250	---	Ea.	17.00	4,250
	1973	250	---	Ea.	16.00	4,000
TOTAL - GOATS					1974	\$10,810
					1973	6,400

LIVESTOCK AND POULTRY - PRODUCTION AND VALUE

1973 - 1974

ITEM	YEAR	PRODUCTION		UNIT	VALUE		
		NO. HEAD	TOTAL LIVE WEIGHT		PER UNIT	TOTAL	
<u>SHEEP & LAMBS</u>							
LAMBS	1974	1,200	1,200	Cwt.	\$40.00	\$48,000	
	1973	1,100	1,045	Cwt.	34.50	36,050	
EWES	1974	110	---	Ea.	15.00	1,650	
	1973	340	---	Ea.	12.00	4,080	
EWES	1974	30	---	Ea.	25.00	750	
BREEDING STK.	1973	15	---	Ea.	20.00	300	
REG. RAMS	1974	10	---	Ea.	125.00	1,250	
	1973	20	---	Ea.	70.00	1,400	
TOTAL - SHEEP					1974	\$51,650	
					1973	41,830	
<u>SWINE</u>							
FEEDER PIGS	1974	50	45	Cwt.	41.00	1,845	
	1973	140	126	Cwt.	42.00	5,290	
HOGS	1974	150	413	Cwt.	38.00	15,695	
	1973	185	388	Cwt.	40.00	15,520	
TOTAL - SWINE					1974	\$17,540	
					1973	20,810	
<u>HORSES</u>							
HORSES	1974	65	---	Ea.	165.00	10,725	
	1973	45	---	Ea.	165.00	7,425	
TOTAL - HORSES					1974	\$10,725	
					1973	7,425	
<u>POULTRY</u>							
CHICKENS*	1974	---	---	---	----	457,500	
	1973	---	---	---	----	475,000	
TURKEYS	1974	60,000	1,320,000	Lb.	.31	409,200	
	1973	88,000	1,836,000	Lb.	.32	587,520	
MISC.	1974	---	---	---	----	8,970	
POULTRY**	1973	---	---	---	----	5,500	
TOTAL - POULTRY					1974	\$875,670	
					1973	1,068,020	
*Includes hens & replacement pullets					TOTAL-LIVESTOCK & POULTRY	1974	\$3,941,250
**Includes rabbits						1973	6,210,180

SUMMARY

1972 - 1973 - 1974

<u>ITEM</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>
LIVESTOCK & POULTRY	\$4,322,820	\$6,210,180	\$3,941,250
LIVESTOCK & POULTRY PRODUCTS	369,065	669,710	603,510
FRUIT & NUT CROPS	58,970	441,970*	370,880
MISC. VEGETABLE CROPS	16,000	10,400	11,520
NURSERY STOCK	3,300	15,000	16,500
FIELD CROPS	1,698,500	1,730,575	2,030,250
APIARY PRODUCTS	<u>150*</u>	<u>1,200</u>	<u>2,580</u>
<u>TOTALS</u>	\$6,468,805*	\$9,079,035	\$6,976,490

*Corrected

COMPARATIVE PRODUCTION VALUES

1974	\$6,976,490	1969	\$5,712,439
1973	9,079,035	1968	5,001,035
1972	6,468,805	1967	5,281,009
1971	6,148,666	1966	5,518,075
1970	5,964,334	1965	5,050,811

TEN LEADING FARM COMMODITIES

1. Cattle & Calves	\$2,974,855	6. Walnuts	90,200
2. Eggs	555,550	7. Sheep & Lambs	51,650
3. Chickens	457,500	8. Grain Hay	47,000
4. Turkeys	409,200	9. Legume Hay	31,200
5. Olives	149,100	10. Apples	23,750

INCOME FROM INDUSTRIES

Agriculture - \$6,976,490 Lumbering - \$4,767,000 Mining - \$21,565,000

STATISTICS - CALAVERAS COUNTY

Land Area	657,280 Acres	Farms in County	260
Range Land	412,874 Acres	Irrigated Pasture	2,000 Acres
All Government		All Farm Land	72,418 Acres
Land	154,216 Acres	Water	15,772 Acres

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THIRD CLASS