

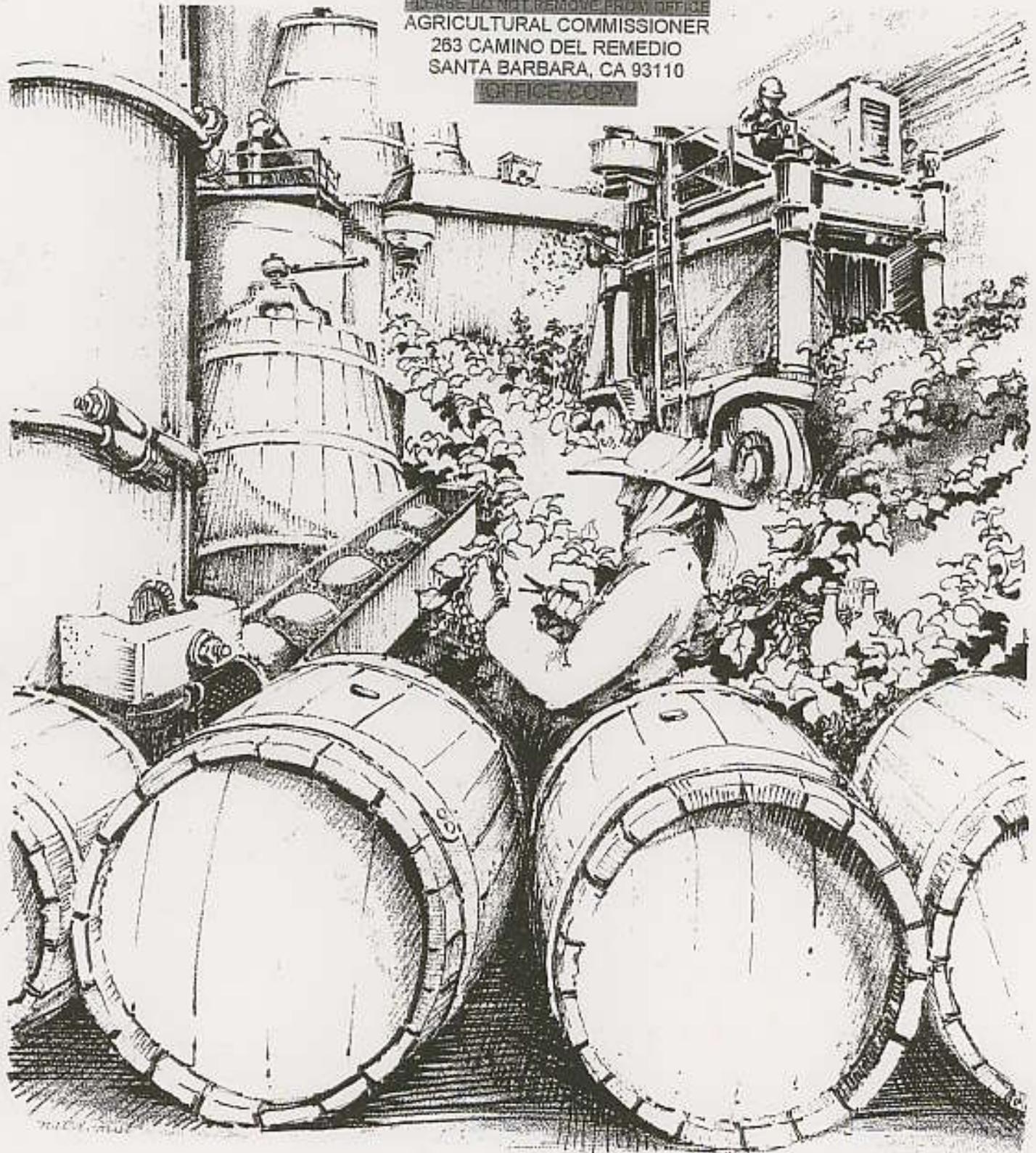
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SANTA BARBARA COUNTY

1988 AGRICULTURAL PRODUCTION REPORT

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AGRICULTURAL COMMISSIONER
263 CAMINO DEL REMEDIO
SANTA BARBARA, CA 93110

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Ronald M. Gilman
Agricultural Commissioner

The cover . . .

. . . depicts the wine grape industry in Santa Barbara County. Grapes were first planted here 200 years ago to provide wine for the missions. It wasn't until the 1960's that it was determined this county had the growing conditions to commercially produce the quality grapes necessary for outstanding table wines. The first premium commercial wine grapes were planted in 1964 on the Tepusquet Mesa east of Santa Maria.

Today, the varietal grapes from our vineyards are valued at over 21 million dollars and are processed into fine table wines that compare to any grown throughout the world.

The drawing for this 1988 Agricultural Production Report was done by Nat D. Fast.

The Honorable Board of Supervisors of Santa Barbara County

Toru Miyoshi, Chairman, 5th District
Gloria Ochoa, 1st District
Tom Rogers, 2nd District
William Wallace, 3rd District
Dianne Owens, 4th District

and

Jack Parnell, Director
California Department of Food and Agriculture

I am pleased to submit the 1988 Santa Barbara County Agricultural Production Report. This annual report presents statistical information on the acreage, yield and value of Santa Barbara County Agricultural Production.

Agriculture continues to be the county's major producing industry with a gross production value for 1988 of \$436,515,534. This production value for 1988 is a 14% increase over returns for 1987 and the agricultural industry continues to provide a strong base for our local economy. Santa Barbara County's agriculture with its diversification and the multiplier effect of the agricultural support services has an impact on our local economy of over one billion dollars.

It must be emphasized that the values in this report are gross values and in no way reflect net income. The costs of production, which in some cases exceeded gross returns, must be subtracted to determine the net income.

I wish to express my appreciation for the cooperation of all the growers, organizations and individuals who provided the information necessary for this report and a special thanks to the members of my staff who worked at compiling it.

Respectfully submitted,



RONALD M. GILMAN
Agricultural Commissioner
Director of Weights and Measures

FOOD SAFETY

This year will undoubtedly be remembered as the year in which food safety became a major concern of the public. Reports concerning Alar on apples and adulterated Chilean fruit served to heighten public awareness and concern over the safety of their fresh food supply. Ironically, at the very same time, the National Academy of Sciences released a 1400 page report strongly encouraging the public to double their consumption of fresh fruits and vegetables.

California has long had the well deserved reputation of having the toughest regulations concerning food safety and pesticide usage in the world. California's strong pesticide regulatory program is administered jointly throughout the state by the California Department of Food and Agriculture and the county Agricultural Commissioners. This program utilizes over 650,000 staff hours annually to make certain that pesticides are being used legally and safely. Food grown under California's tight regulatory program is safe.

This program is not only the toughest state program in existence but has restrictions on pesticides and their usage which exceed the United States Environmental Protection Agency's standards. While these restrictions substantially increase the cost of agricultural production for California producers over products grown in other states and countries, they provide top protection to farm workers, the environment and consumers of California products. California has long been on the leading edge in developing programs to regulate pesticides and quite often the E.P.A. adopts its pesticide programs based on California's leadership.

California's pesticide residue sampling for agricultural products is by far the most extensive program anywhere. The number of residue samples analyzed in this program not only exceeds the total number of samples of all other state programs combined but also exceeds the total number of samples analyzed by the U.S. Food and Drug Administration for the entire nation. Because this program is cooperatively administered by a system of county and state regulatory agencies, it affords a timely response in sampling, analyzing and quarantining any product not meeting the high standards established to insure its safety.

While agricultural producers must bear the increased burden of trying to produce top quality products under increasingly tighter restrictions, California's leadership has determined that affording this level of protection is the cost of doing business in California.

Other states and countries would be well advised to afford their citizens and environments California's level of protection.

TABLE OF CONTENTS

VEGETABLE CROPS	Page 1
FIELD CROPS	Page 2
FRUIT AND NUT CROPS	Page 3
NURSERY PRODUCTS	Page 4-5
SEED CROPS	Page 5
LIVESTOCK AND POULTRY	Page 6
LIVESTOCK, POULTRY AND APIARY PRODUCTS	Page 6
MISCELLANEOUS CROPS	Page 7
MILLION DOLLAR CROPS	Page 8
SUMMARY	Page 9
COMPARATIVE AGRICULTURAL VALUES	Page 10-12
DEPARTMENT STAFF	Page 13



VEGETABLE CROPS

	Year	Harvested Acreage	Production		Unit	Unit Wt.	Value		
			Per Acre	Total			Per Unit	Total	
Artichokes	1988	1,275	362.81	462,583	CTN.	25#	\$ 6.92	\$ 3,201,074	
	1987	1,009	486.58	490,959	CTN.	25#	\$ 7.53	\$ 3,696,921	
Broccoli	Fresh	1988	11,802	595.2	7,024,550	CTN.	22#	4.87	34,209,559
		1987	10,256	608.41	6,237,084	CTN.	25#	4.66	29,064,811
	Frozen	1988	7,100	4.36	30,956	TON	TON	360.00	11,144,160
		1987	7,129	4.31	30,726	TON	TON	359.78	11,054,600
Cabbage	1988	1,550	734.57	1,138,584	CTN.	50#	3.95	4,497,407	
	1987	1,592	708.90	1,128,569	CTN.	50#	3.91	4,412,705	
Carrots+	1988	2,613	40.51	105,853	TON	TON	54.02	5,718,179	
Cauliflower	Fresh	1988	6,541	581.82	3,805,685	CTN.	25#	5.46	20,779,040
		1987	7,149	561.01	4,010,661	CTN.	25#	5.51	22,098,742
	Frozen	1988	959	4.14	3,970	TON	TON	486.41	1,931,048
		1987	317	6.01	1,905	TON	TON	472.93	900,932
Celery	1988	2,378	1,100.06	2,615,943	CTN.	60#	5.88	15,381,745	
	1987	2,792	1,103.31	3,080,442	CTN.	60#	4.91	15,124,970	
Lettuce, Head	1988	8,328	705.04	5,871,573	CTN.	50#	5.36	31,471,631	
	1987	7,573	709.73	5,374,785	CTN.	50#	5.82	31,281,249	
Lettuce, Leaf	1988	1,208	607.48	733,836	CTN.	30#	4.30	3,155,495	
	1987	965	623.34	601,523	CTN.	30#	6.24	3,753,504	
Peas, Edible Pod	1988	650	372.69	242,249	CTN.	10#	9.02	2,185,086	
	1987	371	409.55	151,943	CTN.	10#	12.00	1,823,316	
Spinach	1988	612	753.48	461,130	CTN.	20#	3.64	1,678,513	
	1987	633	759.46	480,738	CTN.	20#	4.60	2,211,395	
Squash, Summer	1988	797	600.73	478,782	CTN.	26#	5.52	2,642,877	
	1987	642	640.92	411,471	CTN.	26#	5.05	2,077,929	
Tomatoes+	1988	240	29.92	7,181	TON	TON	53.41	383,537	
Miscellaneous	1988	3,783						10,846,008	
	1987	5,699						13,044,024	
Total	1988	49,836						\$149,225,359	
	1987	46,127						\$140,545,098	

+ New entries that were in Miscellaneous in 1987



FIELD CROPS

	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Barley including seed	1988	3,100	17.43	54,033	CWT.	\$ 6.31	\$ 340,948
	1987	1,955	18.26	35,698	CWT.	\$ 5.42	\$ 193,483
Beans, Limas	1988	5,678	18.85	107,030	CWT.	49.80	5,330,094
	1987	5,143	18.31	94,168	CWT.	41.69	3,925,864
Miscellaneous	1988	62					36,048
	1987	1,700					446,553
Hay, Alfalfa	1988	4,748	6.60	31,337	TON	102.61	3,215,490
	1987	5,055	6.39	32,302	TON	95.85	3,096,147
Hay, Grain	1988	6,834	2.11	14,420	TON	83.85	1,209,117
	1987	7,174	2.32	16,644	TON	75.46	1,255,956
Oats including seed	1988	421	16.25	6,841	CWT.	20.36	139,283
	1987	361	15.96	5,762	CWT.	9.40	54,163
Pasture, Irrigated	1988	6,765				85.00	575,025
	1987	9,522				75.00	714,150
Pasture, Non-irrigated	1988	768,525				6.11	4,695,688
	1987	774,545				6.12	4,740,215
Silage Corn, Green Chop	1988	1,184	19.20	22,733	TON	18.39	418,060
	1987	1,036	21.42	22,191	TON	18.28	405,652
Wheat including seed	1988	1,829	14.00	25,606	CWT.	6.67	170,792
	1987	2,750	16.59	45,623	CWT.	4.59	209,321
Miscellaneous	1988	484					78,645
	1987+	1,196					573,697
Total	1988	799,630					\$ 16,209,190
	1987+	810,437					\$ 15,615,201

+ Revised



FRUIT AND NUT CROPS

	Year	Planted	Bearing	Production			Value	
				Per Acre	Total	Unit	Per Unit	Total
Avocados	1988	10,301	9,427	2.90	27,338	TON	\$ 1,570.96	\$ 42,946,904
	1987	10,422	9,131	6.00	54,786	TON	\$ 398.00	\$ 21,804,828
Grapes	1988	9,045	7,826	3.82	29,895	TON	710.99	21,255,046
	1987	9,000	8,646	3.08	26,630	TON	526.54	14,021,760
Lemons	1988	1,569	1,522	12.76	19,421	TON	297.17	5,771,339
	1987	1,652	1,631	13.50	22,019	TON	255.43	5,624,313
Strawberries Fresh	1988	3,428	3,428	2,917.30	10,000,504	12# TRAYS	5.93	59,302,989
	1987	2,611	2,611	3,923.00	10,242,953	12# TRAYS	5.61	57,462,966
Processing	1988				19,769	TON	499.90	9,882,523
	1987				5,887	TON	560.35	3,298,780
Walnuts	1988	971	759	.96	729	TON	980.00	714,420
	1987	971	759	.90	683	TON	812.00	554,596
Miscellaneous	1988	254	190					1,139,485
	1987	205	160					1,070,123
Total	1988	25,568	23,152					\$141,012,706
	1987	24,861	22,938					\$103,837,366



NURSERY PRODUCTS

	Year	Production Area		Value
		House Sq. Ft.	Field Acres	Total
Cut Flowers & Cut Greens				
Carnations	1988	453,316	6	\$ 1,034,460
	1987			\$ 940,560
Chrysanthemums	1988	14,723,105		14,071,300
	1987			13,605,972
Gypsophila	1988		340.50	3,265,536
	1987			3,376,058
Orchids	1988	2,010,685		6,056,983
	1987			5,094,778
Protea++	1988		109.00	424,259
Roses++	1988	922,000		3,755,000
Statice++	1988		27.33	288,700
Miscellaneous Flowers	1988	1,969,830	192.25	4,699,201
	1987			7,729,122
Miscellaneous Greens, Trees and Wood Products	1988	32	274.50	380,995
	1987			1,133,478
Potted Plants				
Chrysanthemums+	1988	3,635,000		6,076,156
Miscellaneous Flowering Plants°	1988	2,306,247	.75	2,013,423
	1987			7,883,756
Foliage Plants	1988	1,826,888		4,064,499
	1987			4,684,779
Orchid Plants	1988	1,976,258		4,975,003
	1987			5,559,990
Poinsettias+	1988	365,435		870,524
Fruit Trees & Vines	1988	83,500	101.00	357,798
	1987			188,505
Herbaceous Perennials & Ground Covers, Turf, Bulbs & Bedding Plants	1988	121,499	167.50	10,001,776
	1987			5,333,326
Vegetable Transplants	1988	80,000	100.00	1,117,626
	1987			883,509

	Year	Production Area		Value
		House Sq. Ft.	Field Acres	Total
Woody Ornamental & Ground Covers	1988	193,851	226.86	\$ 7,825,733
	1987			\$ 6,383,070
Total	1988	30,667,646	1,545.69	\$ 71,278,972
	1987			\$ 62,796,903

New Entries that were

++ In Miscellaneous Flowers 1987

+ In Potted Plants 1987

° Includes: Begonia, Exacum, Fuchsia, Geranium & Others.



SEED CROPS

	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Bean Seed	1988	3,186	17.67	56,297	CWT.	\$ 43.98	\$ 2,475,942
	1987	3,405	17.39	59,213	CWT.	\$ 43.80	\$ 2,593,529
Flower Seed	1988	974					4,381,596
	1987	1,053					5,620,800
Vegetable Seed	1988	889					2,489,807
	1987	668					1,300,771
Miscellaneous	1988	0					0
	1987	684					50,156
Total	1988	5,049					\$ 9,347,345
	1987	5,810					\$ 9,565,256



LIVESTOCK AND POULTRY

Year	Production		Unit	Value		
	No. of Head	Total Liveweight		Per Unit	Total	
Cattle and Calves	1988	60,181	436,312	CWT.	\$ 70.21	\$ 30,633,466
	1987	65,883	494,123	CWT.	\$ 60.25	\$ 29,770,911
Hogs and Pigs	1988	900	1,701	CWT.	59.37	100,988
	1987	879	1,983	CWT.	55.43	109,918
Sheep and Lambs	1988	4,800	5,664	CWT.	79.03	447,626
	1987	5,453	6,282	CWT.	74.21	466,187
Miscellaneous	1988					7,635,225
	1987					8,285,238
Total	1988					\$ 38,817,305
	1987					\$ 38,632,254



LIVESTOCK, POULTRY AND APIARY PRODUCTS

Year	Production	Unit	Value		
			Per Unit	Total	
Apiary	1988			\$ 148,066	
	1987			\$ 165,242	
Milk and Milk Products	1988*	504,306	CWT.	11.11	5,602,840
	1987	510,763	CWT.	11.53	5,889,097
Wool	1988	64,200	LBS.	1.42	91,164
	1987	62,446	LBS.	.70	43,712
Miscellaneous	1988				4,782,071
	1987				4,580,040
Total	1988*				\$ 10,624,141
	1987				\$ 10,678,091

* Preliminary

MISCELLANEOUS CROPS

VEGETABLES

Includes: Anise, asparagus, bell peppers, Chinese vegetables, cherry tomatoes, chili peppers, cilantro, collards, cucumbers, fava beans, gourmet specialty vegetables, green onions, kale, leeks, melons, paprika, parsley, potatoes, pumpkins, snap beans, sweet corn, table beets, tomatillos, and winter squash.

FIELD CROPS

Miscellaneous beans -

Includes: garbanzos, pinto beans.

Miscellaneous field crops -

Includes: pea straw, straw, sudan hay, and sugar beets.

FRUIT AND NUT CROPS

Includes: apples, apricots, cherimoya, guavas, kiwis, limes, macadamia nuts, mandarins, oranges, peaches, persimmons, plums and table grapes.

SEED CROPS

Includes: alfalfa, peas and sudan.

LIVESTOCK AND POULTRY

Includes: breeding stock, chickens, game birds, goats, and horses.

LIVESTOCK, POULTRY AND APIARY PRODUCTS

Includes: eggs and fertilizer.

MILLION DOLLAR PRODUCTS

1988 RANKING

1987 RANKING

1	Strawberries	\$ 69,185,512	1
2	Broccoli	45,353,719	2
3	Avocados	42,946,904	6
4	Lettuce, Head	31,471,631	3
5	Cattle	30,633,466	4
6	Cauliflower	22,710,088	5
7	Grapes	21,255,046	8
8	Celery	15,381,745	7
9	Cut Chrysanthemums	14,071,300	9
10	Herbacious Perennials & Ground Cover	10,001,776	17
11	Woody Ornamentals	7,825,733	12
12	Potted Chrysanthemums	6,076,156	0
13	Cut Orchids	6,056,983	18
14	Lemons	5,771,339	14
15	Carrots	5,718,179	0
16	Milk	5,602,840	13
17	Beans, Lima	5,330,094	22
18	Orchid Plants	4,975,003	16
19	Miscellaneous Cut Flowers	4,699,201	11
20	Pasture, Non-irrigated	4,695,688	19
21	Cabbage	4,497,407	21
22	Flower seed	4,381,596	15
23	Foliage Plants	4,064,499	20
24	Cut Roses	3,755,000	0
25	Gypsophilia	3,265,536	25
26	Alfalfa	3,215,490	26
27	Artichokes	3,201,074	24
28	Lettuce, Leaf	3,155,495	23
29	Squash, Summer	2,642,877	29
30	Vegetable Seed	2,489,807	31
31	Bean Seed	2,475,942	27
32	Peas, Edible Pods	2,185,086	30
33	Potted Flowering Plants	2,013,423	10
34	Spinach	1,678,513	28
35	Hay, Grain	1,209,117	32
36	Vegetable Transplants	1,117,626	0
37	Carnations	1,034,460	0

SUMMARY

	<u>YEAR</u>	<u>ACREAGE</u>	<u>FOB VALUE</u>
Vegetables	1988	49,836	\$149,225,359
	1987	46,127	\$140,545,098
Field Crops	1988	799,630	16,209,190
	1987+	810,437	15,615,201
Fruit and Nut Crops	1988	25,568	141,012,706
	1987	24,861	103,837,366
Seed Crops	1988	5,049	9,347,345
	1987	5,810	9,565,256
Nursery Products	1988	2,250	71,278,972
	1987	1,808	62,796,903
Livestock and Poultry	1988		38,817,305
	1987		38,632,254
Livestock, Poultry and Apiary Products	1988*		10,624,141
	1987		10,678,091
<hr/>			
Total	1988*	882,333	\$436,515,534
	1987+	889,043	\$381,670,169

* Preliminary

+ Revised

COMPARATIVE AGRICULTURAL VALUES

1988*	\$ 436,515,534
1987+	381,670,169
1986	348,169,389
1985	339,835,993
1984	323,110,206
1983	318,903,463
1982	317,152,978
1981	308,773,222
1980	299,862,444
1979	248,525,596
1978	208,020,620
1977	190,907,996

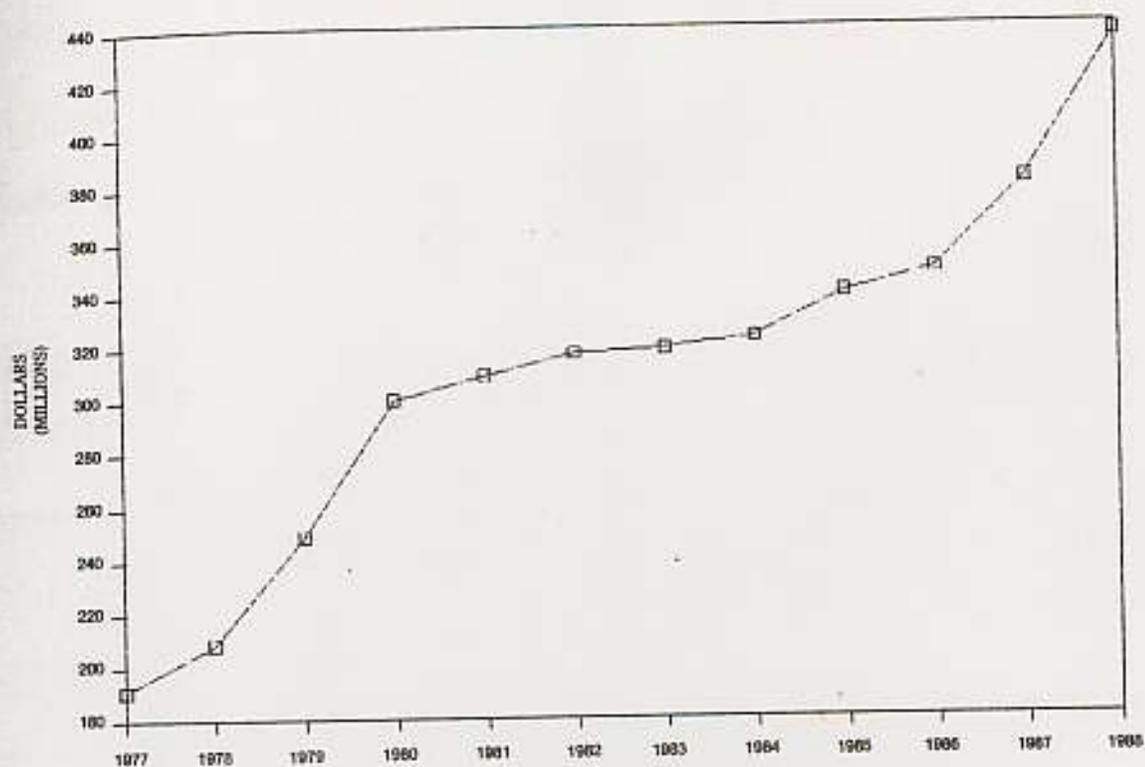
* Preliminary
+ Revised

COMPARATIVE AGRICULTURAL VALUES

1977 - 1988

Millions of Dollars

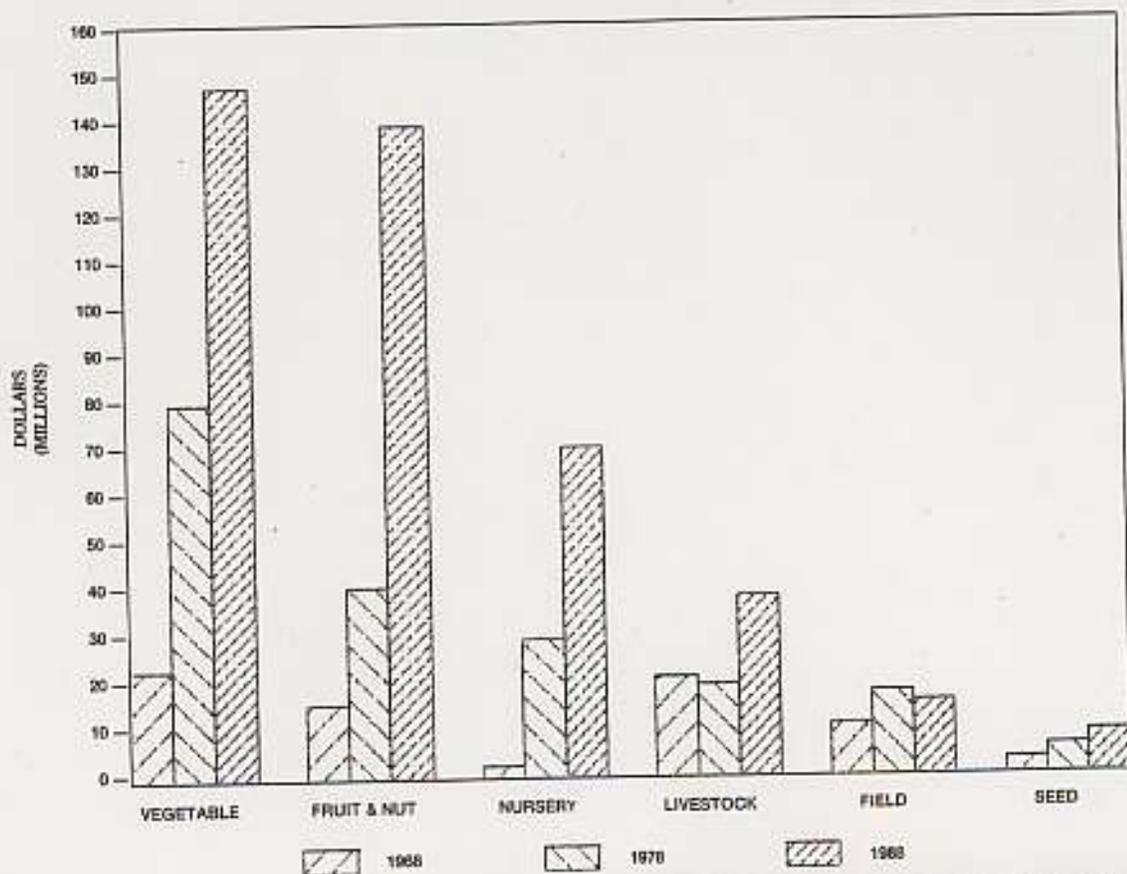
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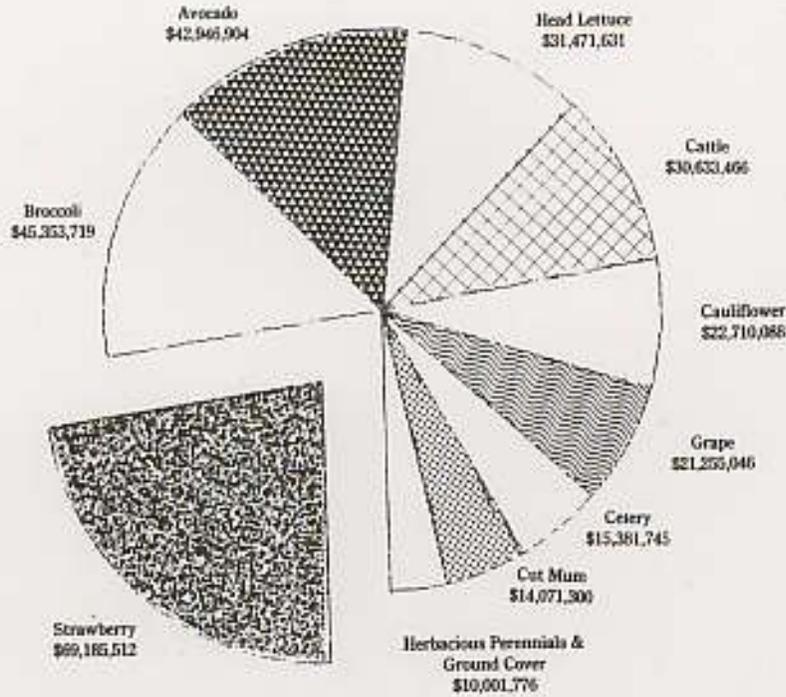
Crop Values 1968, 1978, 1988

Millions of Dollars

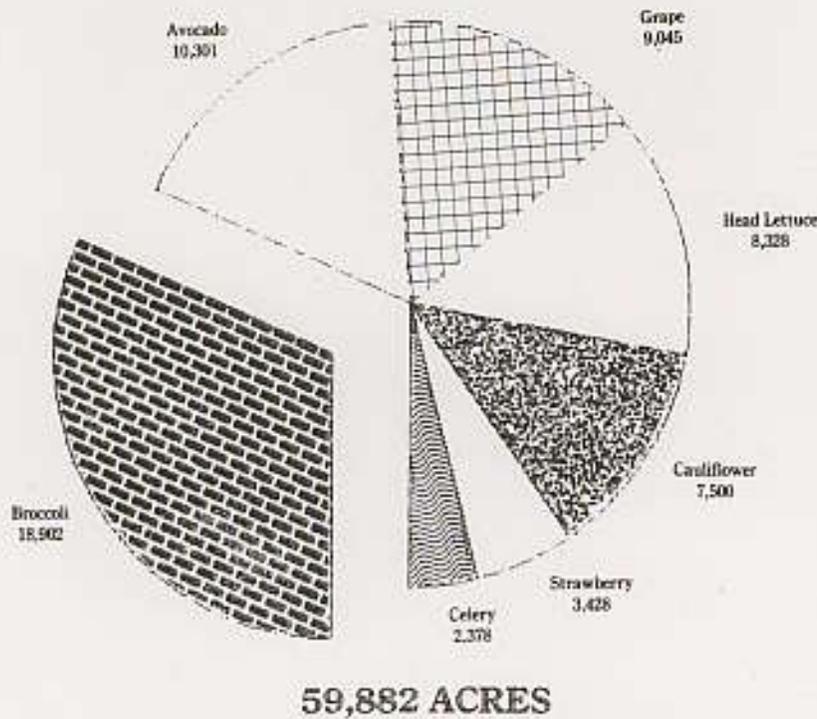
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SANTA BARBARA COUNTY THE TOP TEN PRODUCTS



LEADING CROP ACREAGES 1988 TOTAL ACREAGE



Agricultural Commissioner/Director of Weights and Measures

Ronald M. Gilman

Assistant Commissioner/Director

William Gillette

Deputy Director of Weights and Measures

Vacant

Deputy Agricultural Commissioners

Joe Karl
Ross Pintaudi
Sally Piper

Entomologist

Jerry Davidson

Plant Pathologist

Steven Koike

Supervising Agricultural Biologists

Curt Sayer
Tom Wurster

Administrative Services Clerk

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Judi Douglass
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Gary Burns	Ken Masuda
Mike Champion	Sally Pierce
David Chang	Mary Ann Rajala
Kevin Cheesman	Bill Robb
Fred Crowder	Mike Roberts
Harriet Heath	Jeff Saleen
Glenn Janssen	Christine Taylor
David Leung	Guy Tingos