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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

San Diego County

1965-1971

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.

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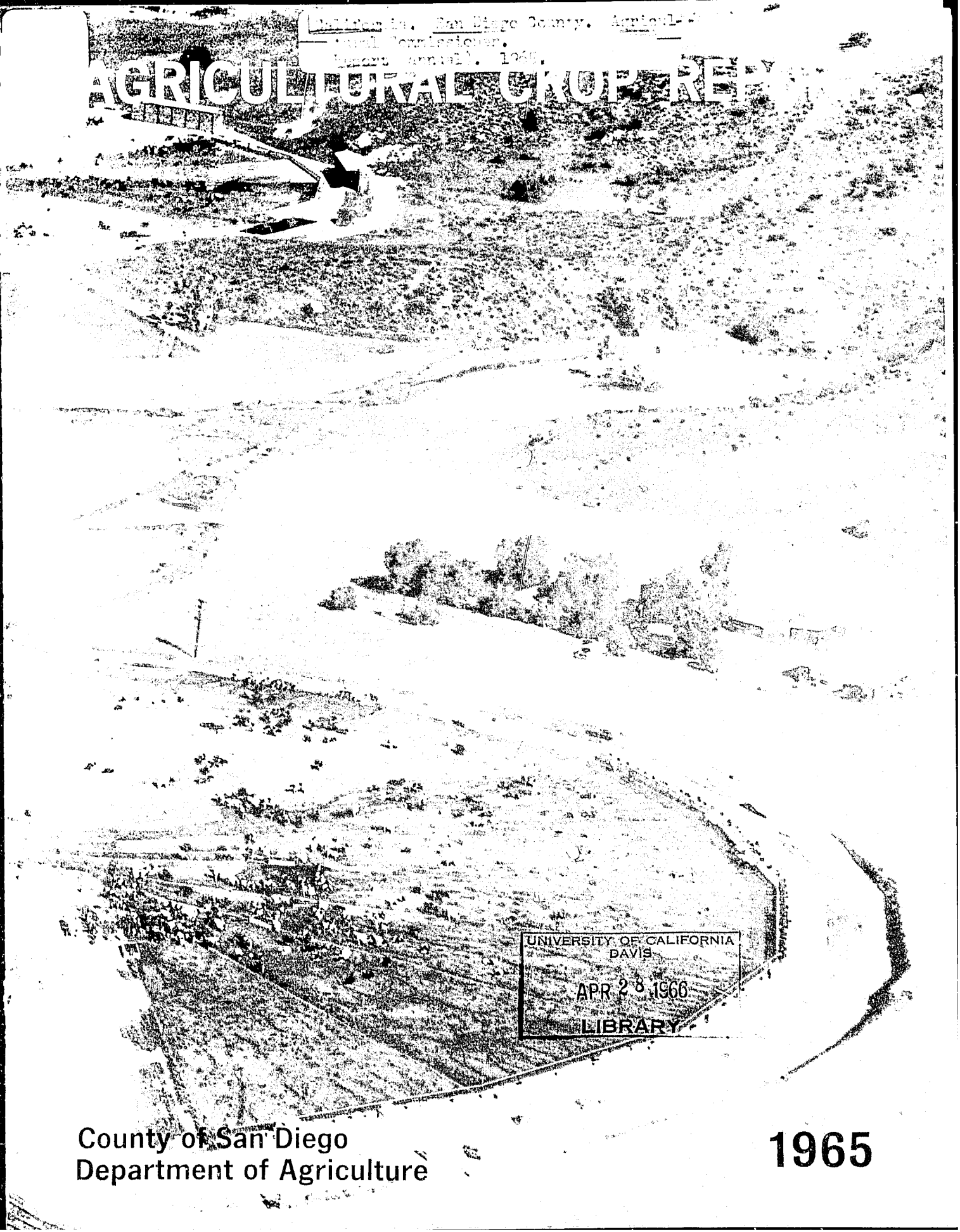
1965

California. San Diego County. Agricul-
tural Commissioner.
Report annual. 1965.

AGRICULTURAL CROP REPORT



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County of San Diego
Department of Agriculture

1965

COUNTY OF SAN DIEGO

* *

AGRICULTURAL COMMISSIONER
James M. Moon

5555 Overland Avenue, Building 3
San Diego, California 92123
Telephone 278-9200

* *

BOARD OF SUPERVISORS:

De Graff Austin, District 4, Chairman

Frank A. Gibson, District 1

Henry A. Boney, District 2

Robert C. Dent, District 3

Robert C. Cozens, District 5

* *

CHIEF ADMINISTRATIVE OFFICER:

T. M. Heggland

* *

COVER: One of the first agricultural commodities produced in San Diego County, and third in importance for many years, is milk, coming from ninety dairy farms scattered throughout the County. These dairy farms also contribute to our total beef values through sale of calves and cull dairy cows. The area illustrated is in San Pasqual Valley, long a major milk producing section of the County.

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SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE

To: Charles Paul, Director
California Department of Agriculture
and
The Honorable Board of Supervisors
County of San Diego

Submitted herewith is the report of agricultural production in San Diego County for 1965, as required by Section 65.5 of the California Agricultural Code. The acreage, yield, and value of the County's agricultural production are covered by this report.

The values shown in the report represent gross values of agricultural production, whether the products were sold or used on the farm where grown. Fruit, vegetable, and cut flower values were computed on the basis of the packed price, f.o.b. shipping point. On other commodities, the price was based on the most common method of sale. IT IS IMPORTANT TO REMEMBER THAT THESE VALUES HAVE NO DIRECT RELATION TO PRODUCTION COSTS, WHICH HAVE BEEN STEADILY INCREASING, AND GIVE NO INDICATION OF THE INDIVIDUAL GROWER'S PROFIT OR LOSS ON HIS CROP.

The total value of this production in 1965 was $123,775,840, an amount second only to the 1964 total of $129,951,050. A comparison of production values for several years past will be found on page 9 of this report.

Crops and products exceeding one million dollars in value were:

Plant Crops		Livestock Products	
Tomatoes	$20,382,000	Eggs	$25,650,000
Oranges	9,648,000	Milk	13,590,000
Avocados	8,694,000	Cattle for Beef	6,609,000
Nursery Stock	7,374,000	Miscellaneous Poultry	1,998,000
Carnations	3,893,000		
Celery	2,044,000		
Lemons	1,775,000		
Cucumbers	1,707,000		
Gladiolus	1,682,000		
Snap Beans	1,567,000		

Eggs took first place in importance for the fourth time in the last ten years, with tomatoes second. Although egg production increased by more than five million dozen, the average price dropped another cent below that of 1964.

Spring tomato plantings in 1965 were considerably lower in the northern part of the County than in 1964. Somewhat larger plantings in the southern portion of the County partly offset this decrease, but not enough to equal the normal County tomato acreage. Fear of labor shortages appeared to be the main reason for decreased plantings. Fall tomato plantings were also lower than in past years, and heavy rains early in the season cut the yield per acre. Since the acreage and the value of the spring and fall tomato crops differ greatly, we have shown the two crops separately on the following tabulation, and will continue to make this distinction in future reports.

Although more avocado acreage came into bearing in 1965, weather conditions in 1963 and 1964 were still affecting the trees to the point where the yield was still very low. A short crop, coupled with a very good price, resulted in a production value totaling a million and a half dollars more than in 1964. Present prospects indicate that 1966 will produce a bumper crop.

Bearing acreage of both navel and valencia oranges increased, as well as the yield of navels. The yield of valencias and the price of both was lower than in 1964, making the total orange crop value substantially lower for 1965. All other citrus fruits dropped in total value, except for grapefruit which showed a minor increase.

Production of deciduous fruits was lower in 1965. Unfavorable weather conditions resulted in a poor set of fruit, and delayed ripening. Rain at the time when table grapes were just ready for picking ruined most of the crop; the small amount which could be harvested went to wineries instead of fresh markets. Desert grape acreage decreased substantially, and will be still smaller in 1966 as more vines are removed.

The County's nursery stock industry continued to grow, with substantial increases in the production of citrus and subtropical fruit trees, ornamental trees and shrubs, bedding plants, and indoor decorative plants. This upward trend is expected to continue. Carnation production was lower, mainly as a result of poor weather conditions. Although generally grown in hothouses, cool, cloudy weather can affect the blooming rate. A higher price resulted in a total value exceeding that of 1964, even though production was lower.

Although our beef cattle production appears higher than in 1964, this is due mostly to a larger number of dairy animals sold for slaughter; the number of cattle raised for beef was lower than in 1964. Sale of lambs for meat, however, was up considerably in 1965.

Hogs and pigs, turkeys, and rabbits decreased in numbers, although values were up for all but turkeys. As the number of laying hens increased, which is reflected in our growing egg production, the number of "Other Meat Chickens" also increased, as this classification consists mainly of hens culled from laying flocks. Milk production was essentially the same as in 1964. The production of replacement pullets, which makes up the largest part of our miscellaneous poultry value, was up in 1965, but is expected to drop to a minor amount in 1966 as the largest producer in this field plans to transfer his operations to another county. Nearly all of these replacements were sold outside of San Diego County.

These annual crop reports are prepared as quickly as possible after the end of the year. It is, therefore, sometimes necessary to use incomplete or estimated figures. The information presented is as accurate as possible, but where significant changes in 1964 figures were noted, adjustments have been made so that a better comparison between the 1964 and 1965 production is possible.

Many organizations and individuals have contributed information for this report. I wish to express my appreciation to them, as well as to the members of our Department of Agriculture who assisted in gathering the data needed. The report was compiled by Roy M. Kepner, Jr., Specialist for Natural Resources and Statistics, and Barbara E. Biewener, Senior Stenographer.

Respectfully submitted,

James M. Moon

AGRICULTURAL COMMISSIONER

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Barley	1965	9,500	0.9	8,550	Ton	$ 50	$ 428,000
	1964	7,540	0.6	4,500	Ton	53	238,000
Beans, Dry Edible	1965	400	0.4	160	Ton	200	32,000
Garbanzo, Blackeye	1964	395	0.5	198	Ton	266	52,600
Cotton, Lint	1965	270	1,274	361,000	Lbs.	0.30	108,000
	1964 (a)	276	1,666	459,840	Lbs.	0.30	144,000
Cotton, Seed	1965	xx	xx	300	Ton	50	15,000
	1964	xx	xx	398	Ton	50	19,900
Hay							
Alfalfa	1965	630	6.8	4,280	Ton	33	141,000
	1964	1,580	6.5	10,300	Ton	31	319,000
Grain	1965	2,200	1.2	2,640	Ton	28	73,920
	1964	3,450	0.8	2,760	Ton	34	93,800
Pasture & Range							
Irrigated	1965	2,800	xx	xx	Acre	100	280,000
	1964	3,600	xx	xx	Acre	100	360,000
Other	1965	402,000	xx	xx	Acre	0.50	201,000
	1964	402,000	xx	xx	Acre	0.50	201,000
Silage Corn	1965	440	15.0	6,600	Ton	12	80,100
	1964	225	15.0	3,375	Ton	11	37,000
Misc. Field Crops	1965	190	xx	xx	xx	xx	17,280
Wheat, Wheat Grass	1964	1,300	xx	xx	xx	xx	38,100
TOTAL	1965	418,430	xx	xx	xx	xx	$ 1,376,300
	1964	420,366	xx	xx	xx	xx	1,503,400

(a) Revised

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Apples, Fresh	1965	360	3.4 (a)	740	Ton	$155	$ 115,000
	1964	360	3.2 (a)	900	Ton	160	144,000
Cider	1965	xx	xx	480	Ton	67	32,160
	1964	xx	xx	240	Ton	138	33,100
Avocados	1965	13,800	1.0	13,800	Ton	630	8,694,000
	1964	13,050	1.5	19,575	Ton	365	7,145,000

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Grapes							
Desert grown,	1965	755	2.6 (a)	1,814	Ton	$387	$ 702,000
Fresh market	1964	1,300	1.75(a)	2,275	Ton	340	774,000
Cardinal, Red Malaga, Ribier, Perlette, Thompson Seedless							
Desert grown,	1965	xx	xx	149	Ton	20	2,980
By-product	1964	xx	xx	879	Ton	22	19,500
Table Varieties	1965	75	(b)	xx	xx	xx	xx
	1964	75	0.29	22	Ton	150	3,300
Wine Varieties	1965	225	1.7	382	Ton	62	23,700
	1964	925	0.39	361	Ton	93	33,600
Grapefruit	1965	100	8.8	880	Ton	129	114,000
	1964	107	10.0	1,070	Ton	96	103,000
Lemons,	1965	2,675	7.6 (a)	14,510	Ton	116	1,683,000
Fresh Market	1964	2,621	8.5 (a)	22,278	Ton	125	2,785,000
By-product	1965	xx	xx	5,765	Ton	16	92,200
	1964	xx	xx	6,702	Ton	17	114,000
Limes	1965	375	7.7	2,888	Ton	227	656,000
	1964	345	7.0	2,415	Ton	304	734,000
Oranges,							
Navel, Fresh Market	1965	1,365	10.9 (a)	10,800	Ton	165	1,782,000
	1964	1,215	9.2 (a)	11,180	Ton	233	2,605,000
By-product	1965	xx	xx	4,078	Ton	37	151,000
	1964	xx	xx	4,270	Ton	36	154,000
Valencias,	1965	5,200	11.7 (a)	45,500	Ton	150	6,825,000
Fresh Market	1964	4,872	13.0 (a)	50,135	Ton	219	10,980,000
By-product	1965	xx	xx	15,340	Ton	58	890,000
	1964	xx	xx	13,265	Ton	58	783,000
Strawberries	1965	210	9.1	1,911	Ton	352	673,000
	1964	118	12.6	1,490	Ton	358	533,000
Tangerines	1965	250	4.1	1,025	Ton	106	109,000
	1964	215	3.9	838	Ton	224	188,000
Misc. Fruits & Nuts	1965	1,220	xx	xx	xx	xx	268,000
Bushberries, Cactus,	1964	1,458	xx	xx	xx	xx	279,000
Carob, Cherimoya, Figs, Loquats, Macadamia Nuts, Peaches, Pears, Persimmons, Plums, Pomegranates, Sapotes, Walnuts							
TOTAL	1965	26,610	xx	xx	xx	xx	$22,813,040
	1964	26,661	xx	xx	xx	xx	27,410,500

(a) Yield per acre includes both fresh & by-product use
(b) Minor production; used for wine

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Beans, Snap	1965	940	5.5	5,170	Ton	$303	$ 1,567,000
	1964	965	6.8	6,560	Ton	382	2,506,000
Bunch Vegetables	1965	330	xx	xx	xx	xx	295,000
Coriander, Endive, Onions, Parsley, Radishes, Spinach	1964	235	xx	xx	xx	xx	205,000
Cabbage	1965	775	14.2	11,000	Ton	84	924,000
	1964	1,120	16.1	18,000	Ton	70	1,260,000
Cauliflower	1965	140	10.3	1,440	Ton	127	183,000
	1964	340	10.5	3,570	Ton	128	457,000
Celery	1965	870	27.0	23,490	Ton	87	2,044,000
	1964	840	29.4	24,700	Ton	136	3,359,000
Corn, Sweet	1965	260	4.1	1,065	Ton	103	110,000
	1964	260	4.5	1,170	Ton	102	120,000
Cucumbers	1965	550	19.4	10,670	Ton	160	1,707,000
	1964	440	8.0	3,520	Ton	164	578,000
Lettuce, Head	1965	310	12.4	3,845	Ton	97	373,000
	1964	665	10.5	6,980	Ton	79	551,000
Melons, Watermelon	1965	60	10.5	630	Ton	25	15,800
	1964	30	5.5	165	Ton	20	3,300
Peppers							
Bell	1965	395	4.1	1,620	Ton	276	447,000
	1964	275	6.8	1,870	Ton	292	546,000
Chili, Fresh	1965	105	3.0	315	Ton	351	111,000
	1964	230	3.0	690	Ton	350	241,000
Chili, Dry	1965	15	1.2	18	Ton	525	9,500
	1964	280	1.2	335	Ton	525	176,000
Romaine	1965	235	17.5	4,110	Ton	60	247,000
	1964	255	11.9	3,035	Ton	69	209,000
Squash	1965	435	7.0	3,045	Ton	201	612,000
	1964	525	8.9	4,670	Ton	152	710,000
Sweet Potatoes	1965	535	8.2	4,385	Ton	140	614,000
	1964	360	7.0	2,520	Ton	138	348,000
Tomatoes, Fresh Market							
Spring	1965	(1,745)	(12.6)	(21,980)	Ton	(275)	(6,044,000)
Fall	1965	(3,245)	(12.7)	(41,200)	Ton	(348)	(14,338,000)
Total Tomatoes	1965	4,990	xx	63,180	Ton	xx	20,382,000
	1964	5,530	16.0	88,500	Ton	295	26,108,000

VEGETABLE CROPS, CONTINUED

Crop	Year	PRODUCTION Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Misc. Vegetables	1965	930	xx	xx	xx	xx	$ 2,300,000
Asparagus, Cantaloup, Eggplant, Garlic, Peas, Potatoes	1964	680	xx	xx	xx	xx	942,000
TOTAL	1965	11,875	xx	xx	xx	xx	$31,941,300
	1964	13,030	xx	xx	xx	xx	38,319,300

NURSERY PRODUCTS AND COMMERCIAL FLOWERS: PRODUCTION AREA, SALES, AND VALUE

Item	Year	PRODUCTION Field Acres	PRODUCTION Quantity Sold By Producers	Unit	VALUE Per Unit	VALUE Total
Citrus & Subtropical Fruit Trees	1965	105	740,000	Plant	$2.58	$ 1,909,000
	1964	66	510,000	Plant	1.96	1,000,000
Ornamental Trees & Shrubs	1965		2,113,000	Plant	0.82	1,733,000
	1964		1,391,000	Plant	0.98	1,363,000
Bedding Plants	1965		352,000	Flat	1.68	591,000
	1964		280,000	Flat	1.80	504,000
Herbaceous Perennials	1965	130	11,051,000	Plant	0.05	553,000
	1964	130	11,050,000	Plant	0.05	552,000
Indoor Decoratives	1965		1,600,000	Plant	0.55	880,000
	1964		1,445,000	Plant	0.55	795,000
Cactus &Succulents	1965		1,802,000	Plant	0.08	144,000
	1964		1,644,000	Plant	0.08	132,000
Bulbs, Rhizomes, Roots, Corms, Tubers	1965		14,214,000	xx	xx	1,564,000
	1964		14,211,000	xx	xx	1,563,000
Carnations	1965	50	59,895,000	Bloom	0.065	3,893,000
	1964	48	61,286,000	Bloom	0.055	3,371,000
Gladiolus	1965	660	2,077,000	(Dozen	0.81	1,682,000
	1964	662	2,076,000	(Spikes	0.86	1,785,000
Misc. Cut Flowers & Potted Plants	1965		xx	xx	xx	4,211,000
	1964		xx	xx	xx	2,038,000
Bells-of-Ireland, Bird-of-Paradise, Camellia (foliage), Chrysanthemum, Fern (foliage), Gerbera, Iris, Lilac, Lilies, Marguerites, Orchids, Peonies, Poinsettias, Roses, Shasta Daisies, Statice, Stephanotis, Stock, Tulips						
TOTAL	1965	xx	xx	xx	xx	$17,160,000
	1964	xx	xx	xx	xx	13,103,000

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	PRODUCTION No. of Head	PRODUCTION Total Liveweight	Unit	VALUE Per Unit	VALUE Total
Cattle & Calves (a)	1965	44,500	311,000	Cwt.	$21.25	$ 6,6[illegible],000
	1964	45,100	309,000	Cwt.	19.30	5,9[illegible],000
Lambs	1965	5,900	4,900	Cwt.	23.25	114,000
	1964	3,500	3,500	Cwt.	21.50	75,250
Hogs & Pigs	1965	9,150	20,600	Cwt.	23.00	474,000
	1964	12,000	30,000	Cwt.	16.00	480,000
Chickens, Other Meat	1965	3,150,000	12,600,000	Lb.	0.045	565,000
	1964	2,898,000	11,592,000	Lb.	0.053	614,000
Turkeys	1965	150,000	3,000,000	Lb.	0.20	600,000
	1964	200,000	4,000,000	Lb.	0.21	840,000
Misc. Poultry	1965	xx	xx	xx	xx	1,998,000
Broilers & Fryers, Chicks, Poults, Replacement Pullets, Turkey Eggs	1964	xx	xx	xx	xx	1,963,000
Rabbits	1965	595,000	2,678,000	Lb.	0.23	616,000
	1964	700,000	2,975,000	Lb.	0.22	654,000
TOTAL	1965	xx	xx	xx	xx	$10,976,000
	1964	xx	xx	xx	xx	10,590,250

(a) Including dairy animals sold for slaughter

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Milk, Market	1965	2,691,000	Cwt.	$5.05	$13,590,000
	1964 (a)	2,707,000	Cwt.	5.08	13,752,000
Milk, Manufacturing	1965	1,170	Cwt.	3.93	4,600
	1964 (a)	1,410	Cwt.	3.62	5,100
Wool	1965	42,000	Lb.	0.40	16,800
	1964	41,200	Lb.	0.457	18,800
Eggs, Chicken Market	1965	95,000,000	Doz.	0.27	25,650,000
	1964	89,700,000	Doz.	0.28	25,116,000
TOTAL	1965	xx	xx	xx	$39,261,400
	1964 (a)	xx	xx	xx	38,891,900

(a) Revised

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Honey	1965	1,800,000	Lb.	$ 0.13	$ 234,000
	1964	904,000	Lb.	0.14	126,000
Beeswax	1965	30,000	Lb.	0.46	13,800
	1964	15,000	Lb.	0.45	6,700
TOTAL	1965	xx	xx	xx	$ 247,800
	1964	xx	xx	xx	132,700

SUMMARY

	1964	1965
Field Crops	$ 1,503,400	$ 1,376,300
Fruit and Nut Crops	27,410,500	22,813,040
Vegetable Crops	38,319,300	31,941,300
Nursery Products, Commercial Flowers	13,103,000	17,160,000
Livestock and Poultry	10,590,250	10,976,000
Livestock & Poultry Products	38,891,900 (a)	39,261,400
Apiary Products	132,700	247,800
TOTAL	$129,951,050 (a)	$123,775,840

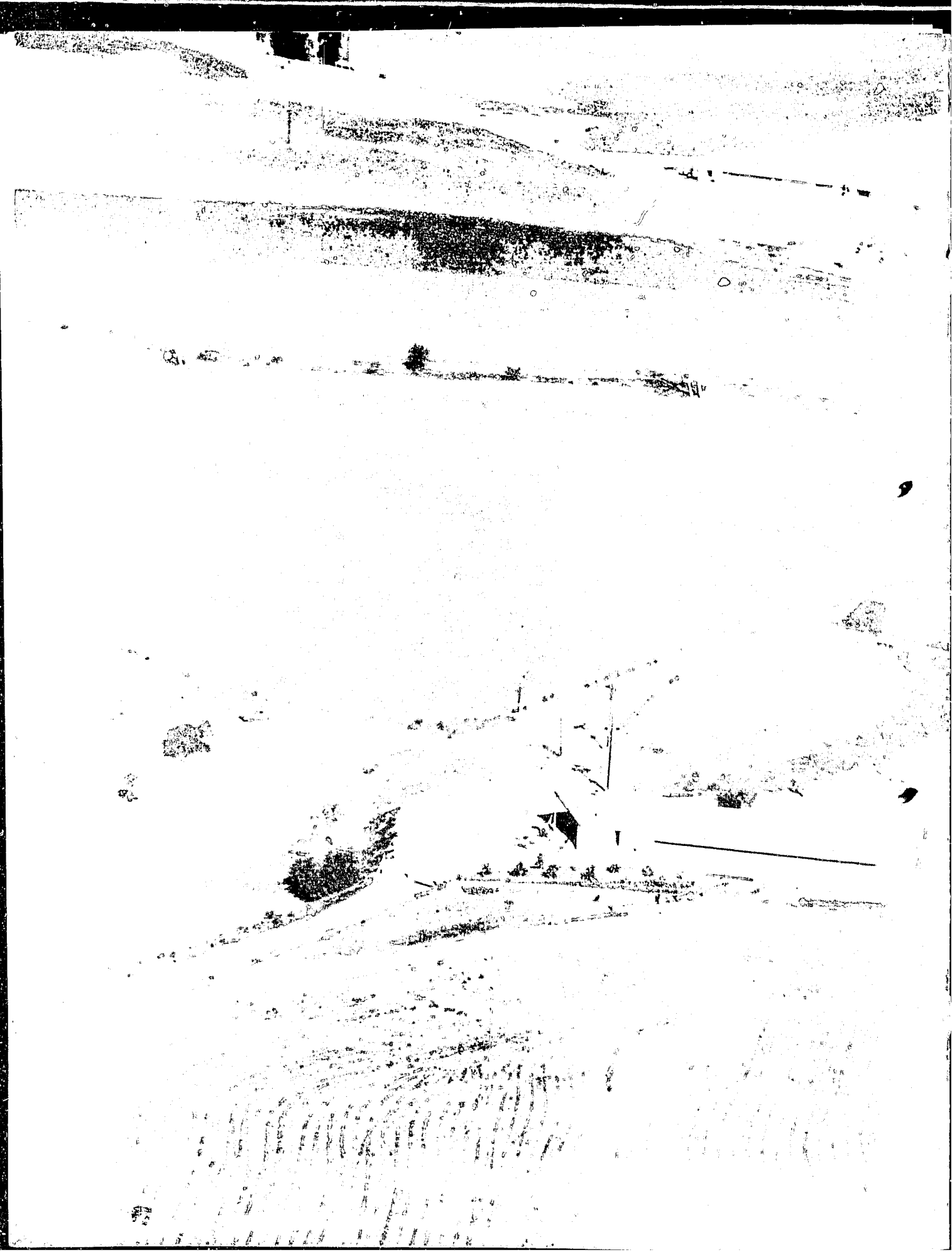
(a) Revised

REVIEW OF SAN DIEGO COUNTY'S AGRICULTURAL INDUSTRY

	Field Crops	Fruit & Nut Crops	Vegetables	Nursery Products	Livestock & Poultry	Livestock & Poultry Products	Apiary	TOTAL (a)
1965	$1,376,300	$22,813,040	$31,941,300	$17,160,000	$10,976,000	$39,261,400	$247,800	$123,775,840
1964	1,503,500	27,410,500	38,319,300	13,103,000	10,590,250	38,891,900	132,700	129,951,050
1963	1,375,800	22,222,600	27,794,900	11,404,000	7,692,000	36,980,300	14,900	107,484,500
1962	2,578,500	20,514,700	33,648,500	8,275,500	10,796,500	35,590,000	265,000	111,668,700
1961	1,402,500	20,035,500	27,455,000	6,692,500	10,063,500	35,799,500	4,500	101,453,000
1960	2,443,000	15,115,000	31,367,000	7,356,000	11,727,000	36,161,000	16,800	104,357,000
1955	3,284,000	17,572,000	26,169,000	5,628,000	13,776,000	26,506,000	(b)	92,935,000
1950	3,149,000	13,590,000	15,813,000	4,743,500	14,187,500	15,375,500	(b)	66,858,500
1945	2,379,000	16,455,500	10,873,000	1,427,500	9,230,000	10,438,000	70,000	50,873,000
1940	1,263,000	6,207,500	2,842,000	1,280,000	3,496,000	3,610,000	74,500	18,773,000

(a) Totals prior to 1960 will not agree with previously published figures for those years. Earlier reports included such items as animal fertilizer, Agricultural Conservation payments, riding horses, and other classifications no longer considered strictly agricultural production. These items have been eliminated from the totals published earlier, and figures for the years 1940 through 1955 shown here include only those crops and products which are comparable to those now reported annually.

(b) Not reported



1966

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Report (annual). 1966.

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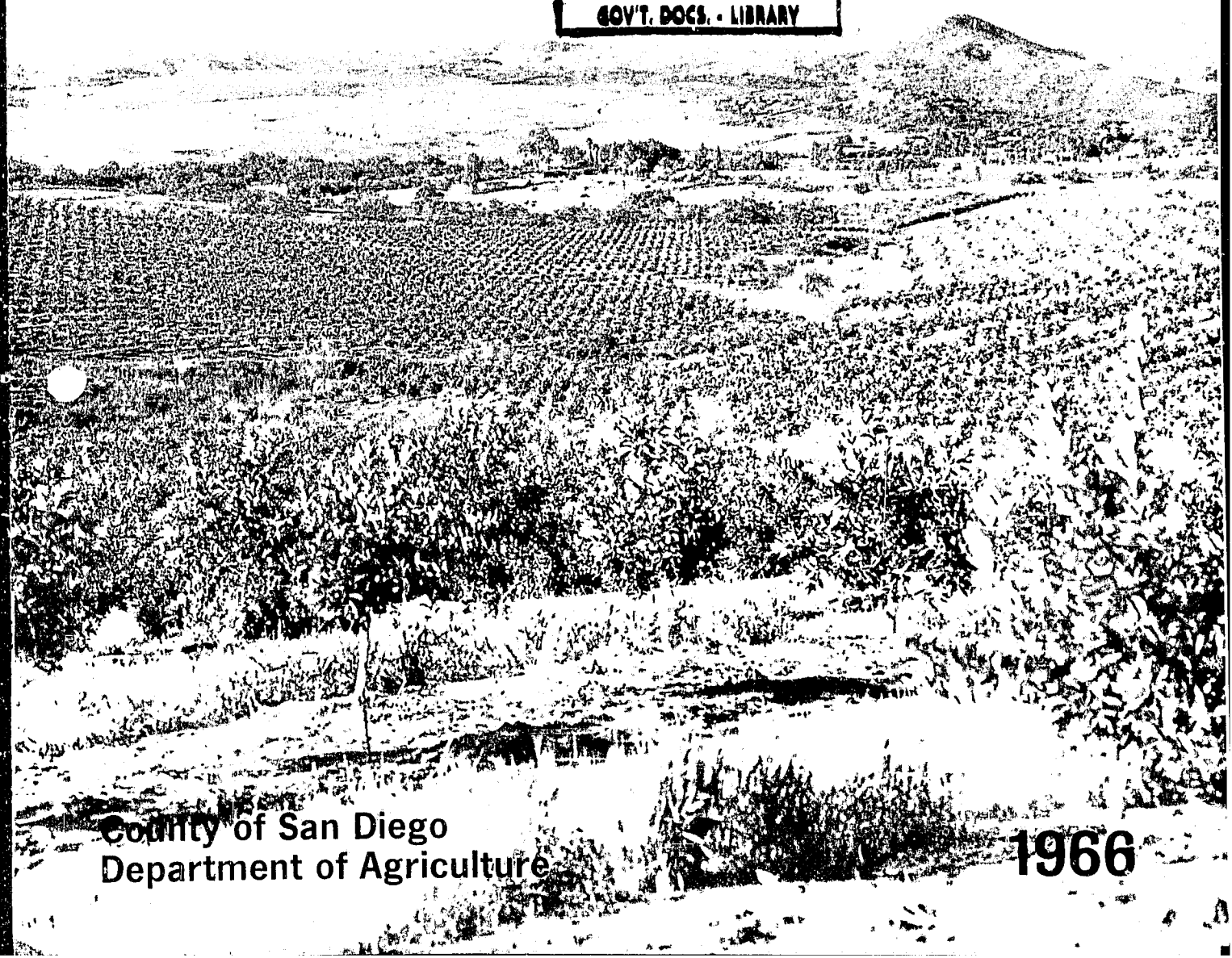

County of San Diego
Department of Agriculture

1966

COUNTY OF SAN DIEGO

* *

AGRICULTURAL COMMISSIONER
James M. Moon

5555 Overland Avenue, Building 3
San Diego, California 92123
Telephone 278-9200

* *

BOARD OF SUPERVISORS:

Robert C. Cozens, District 5, Chairman

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De Graff Austin, District 4

* *

CHIEF ADMINISTRATIVE OFFICER:

T. M. Heggland

* *

COVER: A portion of the Valley Center area, one of the County's fastest growing citrus developments. Young trees cover the hills in the foreground, and newer plantings have been made in the barren appearing acreage extending to the hills in the background. In the County as a whole, almost 6,000 acres of new trees, mostly citrus and avocados, have been planted in the last five years, the majority in 1965 and 1966.

* *

SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE

To: Mr. Earl Coke, Director
California Department of Agriculture
and
The Honorable Board of Supervisors
County of San Diego

Submitted herewith is the report of agricultural production in San Diego County for 1966, as required by Section 65.5 of the California Agricultural Code. The acreage, yield, and value of the County's agricultural production are covered by this report.

The values shown in the report represent gross values of agricultural production, whether the products were sold or used on the farm where grown. Fruit, vegetable, and cut flower values were computed on the basis of the packed price, f.o.b. shipping point. On other commodities, the price was based on the most common method of sale. *IT IS IMPORTANT TO REMEMBER THAT THESE VALUES HAVE NO DIRECT RELATION TO PRODUCTION COSTS, WHICH HAVE BEEN STEADILY INCREASING, AND GIVE NO INDICATION OF THE INDIVIDUAL GROWER'S PROFIT OR LOSS ON HIS CROP.*

The total value of this production in 1966 was $133,712,170, the greatest amount produced in a single year in San Diego County's agricultural history. The previous record was 1964's total of $129,951,050.

Eggs were by far the most important single product in 1966, accounting alone for an increase of $8.2 million. Actual production was 5.8 million dozen higher than in 1965, and the price per dozen was 6.6¢ higher. Nursery product and commercial flower production was up by $4 million, and minor increases were noted in field crop and vegetable production.

A comparison of 1965 and 1966 fruit and nut tree production is difficult. In 1966 the California Crop and Livestock Reporting Service made a complete survey of fruit and nut tree acreages in San Diego County, the first such study since 1959. The survey revealed that many trees had been removed; that groves had been subdivided into residential plots so the remaining trees could be considered to produce fruit mainly for domestic rather than commercial use; or, in many cases, that young trees not yet of producing age had been included in bearing acreage totals. The survey resulted in extensive downward revisions in the County's reported bearing acreages of tree crops. In most cases, too, prices were much lower in 1966 than in 1965. No revisions were made in the acreage or values reported in 1965, but the acreage figures shown for 1966 are based on the 1966 Fruit and Nut Tree Survey.

The ten most important commodities produced in 1966 were:

Eggs	$33,869,000	Avocados	$ 7,098,000
Tomatoes	21,000,000	Oranges	6,751,000
Market Milk	13,847,000	Carnations	6,339,000
Nursery Stock	7,896,000	Celery	3,222,000
Cattle & Calves	7,414,000	Lemons	2,534,000

Other crops which exceeded a million dollars in value were strawberries, snap beans, cabbage, cucumbers, potatoes, and potted chrysanthemums.

Compilation of these annual statistical reports is an important service performed by the Department of Agriculture for the general public, not only for farmers and those who work with farmers. The reports are used by financial institutions, research

organizations, and businesses of all kinds. Every effort is made, therefore, to make them as complete and accurate as possible. As the reports are prepared as quickly as possible after the end of the year, it is sometimes necessary to use incomplete or estimated figures. If significant changes in 1965 figures were noted, adjustments have been made so a better comparison between 1965 and 1966 is possible. The exception, as noted previously, is in fruit and nut tree acreage and production, where the 1966 Fruit and Nut Tree Survey resulted in significant downward changes in acreage; no revisions were made in the 1965 figures.

The Department of Agriculture has two major fields of responsibility -- PROTECTION OF THE AGRICULTURAL INDUSTRY, through such functions as quarantine inspections, plant pathology studies, and weed and rodent control; and PROTECTION OF THE CONSUMER, through inspection of fruits and vegetables, eggs, and other commodities, enforcement of regulations on use of pesticides, and similar duties.

Agriculture is San Diego County's fourth major industry, an important keystone of the County's economy. A recent report of the Economic Research Bureau of San Diego predicts that agriculture may reach a value of $200 million by 1980. As the agricultural industry continues to grow, so does the County's population, and together they increase our Department's overall workload.

Many organizations and individuals have contributed information for this report. I wish to express my appreciation to them, as well as to the members of our Department of Agriculture who assisted in gathering the data needed. The report was compiled by Roy M. Kepner, Jr., Specialist for Natural Resources and Statistics, and Barbara E. Biewener, Senior Stenographer.

Respectfully submitted,

James M. Moon

AGRICULTURAL COMMISSIONER

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Barley	1966	9,560	1.0	9,560	Ton	$ 55	$ 526,000
	1965	9,500	0.9	8,550	Ton	50	428,000
Beans, Dry Edible Lima, Garbanzo, Blackeye	1966	1,400	0.7	980	Ton	250	245,000
	1965	400	0.4	160	Ton	200	32,000
Cotton, Lint	1966	110	1,411(a)	324	Bales(b)	0.22(c)	35,600
	1965 (d)	240	1,497(a)	750	Bales(b)	0.30(c)	112,000
Cotton, Seed	1966	xx	xx	129	Ton	50	6,450
	1965	xx	xx	300	Ton	50	15,000
Hay, Alfalfa	1966	2,700	3.8	10,300	Ton	29	299,000
	1965	630	6.8	4,280	Ton	33	141,000
Hay, Grain	1966	4,380	0.7	3,070	Ton	33	101,000
	1965	2,200	1.2	2,640	Ton	28	73,920
Pasture & Range Irrigated	1966	1,840	xx	xx	Acre	98	180,000
	1965	2,800	xx	xx	Acre	100	280,000
Other	1966	397,000	xx	xx	Acre	0.55	218,000
	1965	402,000	xx	xx	Acre	0.50	201,000
Silage Corn	1966	120	15.0	1,800	Ton	15	27,000
	1965 (d)	440	15.0	6,600	Ton	12	79,200
Misc. Field Crops Wheat Grass, Oats, Barley & Oats for Pasture	1966	2,500	xx	xx	xx	xx	57,600
	1965	190	xx	xx	xx	xx	17,280
TOTAL	1966	414,610	xx	xx	xx	xx	$ 1,695,650
	1965(d)	418,430	xx	xx	xx	xx	1,379,400

(a) Lbs. net lint
(b) 500# gross weight bales
(c) Per pound
(d) Revised

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Apples, Fresh	1966	348(a)	4.3(b)	1,260	Ton	$125	$ 158,000
	1965	360	3.4(b)	740	Ton	155	115,000
Cider	1966	xx	xx	235	Ton	120	28,200
	1965	xx	xx	480	Ton	67	32,160
Non-bearing Acres	1966	(15)(a)					

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Avocados	1966	10,910 (a)	2.5	27,300	Ton	$260	$ 7,098,000
	1965	13,800	1.0	13,800	Ton	630	8,694,000
Non-bearing Acres	1966	(1,070)(a)					
Grapes							
Desert grown,	1966	660	1.7	1,120	Ton	545	610,000
Fresh market	1965	755	2.6(b)	1,814	Ton	387	702,000
Cardinal, Red Malaga, Ribier, Perlette, Thompson Seedless							
Desert grown,	1966	xx	xx	xx	xx	xx	xx
By-product	1965	xx	xx	149	Ton	20	2,980
Table Varieties	1966	50	1.6	80	Ton	125	10,000
	1965	75	(c)	xx	xx	xx	xx
Wine Varieties	1966	230	1.89	435	Ton	66	28,700
	1965	225	1.7	382	Ton	62	23,700
Grapefruit	1966	140 (a)	16.2(b)	1,650	Ton	83	137,000
	1965	107	8.8	880	Ton	129	114,000
By-product	1966	xx	xx	615	Ton	15	9,220
Non-bearing Acres	1966	(21)(a)					
Lemons,	1966	1,946(a)	11.6(b)	12,900	Ton	164	2,116,000
Fresh Market	1965	2,675	7.6(b)	14,510	Ton	116	1,683,000
By-product	1966	xx	xx	9,710	Ton	43	418,000
	1965	xx	xx	5,765	Ton	16	92,200
Non-bearing Acres	1966	(137)(a)					
Limes	1966	213(a)	8.5	1,810	Ton	120	217,000
	1965	375	7.7	2,888	Ton	227	656,000
Non-bearing Acres	1966	(98)(a)					
Oranges							
Navel & Misc.	1966	463 (a)	12.0(b)	3,660	Ton	124	454,000
Fresh market	1965	1,365	10.9(b)	10,800	Ton	165	1,782,000
By-product	1966	xx	xx	1,890	Ton	30	56,700
	1965	xx	xx	4,078	Ton	37	151,000
Non-bearing Acres	1966	(757)(a)					
Valencia,	1966	3,740 (a)	14.8(b)	37,100	Ton	146	5,417,000
Fresh market	1965	5,200	11.8(b)	45,500	Ton	150	6,825,000
By-product	1966	xx	xx	18,300	Ton	45	824,000
	1965	xx	xx	15,340	Ton	58	890,000
Non-bearing Acres	1966	(3,541)(a)					

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Strawberries	1966	330	14.3	4,720	Ton	$463	$ 2,185,000
	1965	210	9.1	1,911	Ton	352	673,000
Tangerines	1966	154 (a)	4.3	660	Ton	190	125,000
	1965	250	4.1	1,025	Ton	106	109,000
Non-bearing Acres	1966	(169)(a)					
Misc. Fruits & Nuts	1966	735 (a)	xx	xx	xx	xx	184,000
Bushberries, Cactus,	1965	1,220	xx	xx	xx	xx	268,000
Carob, Cherimoya, Figs, Loquats, Macadamia Nuts, Peaches, Pears, Persimmons, Plums, Pomegranates, Sapotes, Walnuts							
Non-bearing Acres	1966	(160)(a)					
TOTAL	1966	19,920	xx	xx	xx	xx	$20,075,820
	1965	26,610	xx	xx	xx	xx	22,813,040
Total Non-Bearing Acres	1966	(5,968)					

(a) Acreage from 1966 Fruit & Nut Tree Survey by California Crop & Livestock Reporting Service
(b) Yield per acre includes both fresh and by-product use
(c) Minor production; used for wine

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Beans, Snap	1966	725	6.0	4,350	Ton	$294	$ 1,279,000
	1965	940	5.5	5,170	Ton	303	1,567,000
Bunch Vegetables	1966	280	xx	xx	xx	xx	243,000
Coriander, Endive,	1965	330	xx	xx	xx	xx	295,000
Onions, Parsley, Radishes, Spinach							
Cabbage	1966	1,100	13.7	15,000	Ton	84	1,260,000
	1965	775	14.2	11,000	Ton	84	924,000
Cauliflower	1966	70	9.5	665	Ton	140	93,100
	1965	140	10.3	1,440	Ton	127	183,000
Celery	1966	1,280	28.0	35,800	Ton	90	3,222,000
	1965	870	27.0	23,490	Ton	87	2,044,000
Corn, Sweet	1966	230	4.8	1,100	Ton	151	166,000
	1965	260	4.1	1,065	Ton	103	110,000

VEGETABLE CROPS, CONTINUED

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Cucumbers	1966	480	16.6	7,970	Ton	$186	$ 1,482,000
	1965	550	19.4	10,670	Ton	160	1,707,000
Lettuce, Head	1966	285	15.4	4,390	Ton	90	395,000
	1965	310	12.4	3,845	Ton	97	373,000
Melons, Watermelon	1966	35	10.3	360	Ton	60	21,600
	1965	60	10.5	630	Ton	25	15,800
Peppers							
Bell	1966	510	6.0	3,060	Ton	250	765,000
	1965	395	4.1	1,620	Ton	276	447,000
Chili, Fresh	1966	90	5.28	475	Ton	360	171,000
	1965	105	3.0	315	Ton	351	111,000
Chili, Dry	1966	xx	xx	xx	xx	xx	xx
	1965	15	1.2	18	Ton	525	9,500
Potatoes	1966 (a)	1,150	16.4	18,900	Ton	56	1,058,000
Romaine	1966	385	15.0	5,780	Ton	64	370,000
	1965	235	17.5	4,110	Ton	60	247,000
Squash	1966	300	10.3	3,090	Ton	214	661,000
	1965	435	7.0	3,045	Ton	201	612,000
Sweet Potatoes	1966	365	16.0	5,840	Ton	71	415,000
	1965	535	8.2	4,385	Ton	140	614,000
Tomatoes, Fresh Market							
Spring	1966	(1,640)	(17.6)	(28,900)	Ton	(301)	(8,699,000)
	1965	(1,745)	(12.6)	(21,980)	Ton	(275)	(6,044,000)
Fall	1966	(3,100)	(16.0)	(49,600)	Ton	(248)	(12,301,000)
	1965	(3,245)	(12.7)	(41,200)	Ton	(348)	(14,338,000)
Total Tomatoes	1966	4,740	xx	78,500	Ton	xx	21,000,000
	1965	4,990	xx	63,180	Ton	xx	20,382,000
Misc. Vegetables	1966 (a)	65	xx	xx	xx	xx	72,000
Asparagus, Cantaloup, Eggplant, Garlic, Green Peas, Mushrooms	1965 (a)	930	xx	xx	xx	xx	2,300,000
TOTAL	1966	12,090	xx	xx	xx	xx	$32,673,700
	1965	11,875	xx	xx	xx	xx	31,941,300

(a) Potatoes included in Misc. Vegetables in 1965, reported separately in 1966

Item	Year	PRODUCTION Acres (a)	PRODUCTION Quantity Sold By Producers	Unit	VALUE Per Unit	VALUE Total
Citrus & Subtropical Fruit Trees	1966	89	662,000	Plant	$2.50	$ 1,655,000
	1965	105	740,000	Plant	2.58	1,909,000
Ornamental Trees & Shrubs	1966	8	2,135,000	Plant	0.72	1,537,000
	1965	(b)	2,113,000	Plant	0.82	1,733,000
Bedding Plants	1966	5	309,000	Flat	2.07	640,000
	1965	(b)	352,000	Flat	1.68	591,000
Herbaceous Perennials	1966	200	20,440,000	Plant	0.05	1,022,000
	1965	130	11,051,000	Plant	0.05	553,000
Indoor Decoratives	1966	9	1,624,000	Plant	0.60	974,000
	1965	(b)	1,600,000	Plant	0.55	880,000
Cactus & Succulents	1966	3	2,005,000	Plant	0.10	200,000
	1965	(b)	1,802,000	Plant	0.08	144,000
Bulbs, Corms, Rhizomes, Roots, Tubers	1966	xx	14,365,000	xx	xx	1,867,000
	1965	xx	14,214,000	xx	xx	1,564,000
Carnations	1966	90	97,517,000	Bloom	0.065	6,339,000
	1965	50	59,895,000	Bloom	0.065	3,893,000
Chrysanthemums, Potted	1966(c)	9	1,800,000	Plant	1.00	1,800,000
Gladiolus	1966	740	2,462,000	Dozen)	0.80	1,970,000
	1965	660	2,077,000	Spikes)	0.81	1,682,000
Misc. Cut Flowers & Potted Plants	1966	340	xx	xx	xx	3,169,000
	1965(c)	(b)	xx	xx	xx	4,211,000
Bells-of-Ireland, Bird-of-Paradise, Camellia (Foliage), Chrysanthemum (Cut Flowers), Fern (Foliage), Gerbera, Iris, Lilac, Lily, Marguerite, Orchid, Peony, Poinsettia, Rose, Shasta Daisy, Statice, Stephanotis, Stock, Tulip						
TOTAL	1966	1,430	xx	xx	xx	$21,173,000
	1965	xx	xx	xx	xx	17,160,000

(a) "Acres" includes both field acres and 9,297,000 sq. ft. of plantings in hothouses, lath houses, etc., converted to acreage. Figures are incomplete.
(b) Not reported
(c) Potted Chrysanthemums included in Misc. Cut Flowers & Potted Plants in 1965, reported separately in 1966.

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	PRODUCTION No. of Head	PRODUCTION Total Liveweight	Unit	VALUE Per Unit	VALUE Total
Cattle & Calves (a)	1966	45,000	337,000	Cwt.	$22.00	$ 7,414,000
	1965	44,500	311,000	Cwt.	21.25	6,609,000
Lambs	1966	4,080	4,090	Cwt.	23.40	95,700
	1965	5,900	4,900	Cwt.	23.25	114,000
Hogs & Pigs	1966	5,680	13,600	Cwt.	24.00	326,000
	1965	9,150	20,600	Cwt.	23.00	474,000
Chickens, Other	1966	3,308,000	13,232,000	Lb.	0.065	860,000
	1965(b)	3,150,000	12,600,000	Lb.	0.045	567,000
Turkeys	1966	107,000	2,354,000	Lb.	0.246	579,000
	1965	150,000	3,000,000	Lb.	0.20	600,000
Misc. Poultry	1966	xx	xx	xx	xx	697,000
Broilers & Fryers, Chicks, Poults, Replacement Pullets, Turkey Eggs	1965	xx	xx	xx	xx	1,998,000
Rabbits	1966	152,000	686,000	Lb.	0.28	192,000
	1965	595,000	2,678,000	Lb.	0.23	616,000
TOTAL	1966	xx	xx	xx	xx	$10,163,700
	1965(b)	xx	xx	xx	xx	10,978,000

(a) Including dairy animals sold for slaughter
(b) Revised

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Milk, Market	1966	2,668,000	Cwt.	$5.19	$13,847,000
	1965 (a)	2,665,000	Cwt.	5.02	13,378,000
Milk, Manufacturing	1966	380	Cwt.	4.21	1,600
	1965 (a)	1,220	Cwt.	3.77	4,600
Wool	1966	44,500	Lb.	0.46	20,500
	1965	42,000	Lb.	0.40	16,800
Eggs, Chicken Market	1966	100,800,000	Doz.	0.336	33,869,000
	1965	95,000,000	Doz.	0.27	25,650,000
TOTAL	1966	xx	xx	xx	$47,738,100
	1965 (a)	xx	xx	xx	39,049,400

(a) Revised

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Honey	1966	1,362,000	Lbs.	$0.13	$ 177,000
	1965	1,800,000	Lbs.	0.13	234,000
Beeswax	1966	27,200	Lbs.	0.56	15,200
	1965	30,000	Lbs.	0.46	13,800
TOTAL	1966	xx	xx	xx	$ 192,200
	1965	xx	xx	xx	247,800

SUMMARY

	1965	1966
Field Crops	$ 1,379,400 (a)	$ 1,695,650
Fruit and Nut Crops	22,813,040	20,075,820
Vegetable Crops	31,941,300	32,673,700
Nursery Products, Commercial Flowers	17,160,000	21,173,000
Livestock and Poultry	10,978,000	10,163,700
Livestock and Poultry Products	39,049,400 (a)	47,738,100
Apiary Products	247,800	192,200
TOTAL	$123,568,940 (a)	$133,712,170

1967

AGRICULTURAL CROP REPORT

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County of San Diego
Department of Agriculture

1967

COUNTY OF SAN DIEGO

* *

AGRICULTURAL COMMISSIONER
James M. Moon

5555 Overland Avenue, Building 3
San Diego, California 92123
Telephone: 278-9200

* *

BOARD OF SUPERVISORS:

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* *

CHIEF ADMINISTRATIVE OFFICER:

T. M. Heggland

* *

COVER: Cattle raising is one of the oldest agricultural industries in San Diego County, but it is one that will decline in the future as rangelands are developed for residential or recreational use, are devoted to other agricultural products yielding a higher return per acre, and as production costs continue to rise. The first cattle, in Mission days, provided milk; in the days of the Spanish Ranchos, they were raised for hides, now, they are raised for beef of high quality.

* *

SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE

To: Mr. Earl Coke, Director
California Department of Agriculture
and
The Honorable Board of Supervisors
County of San Diego

Submitted herewith is the report of acreage, yield, and value of agricultural production in San Diego County for 1967, as required by Section 2279 of the California Agricultural Code.

The total value of this production in 1967 was $133,733,760, less than a hundred thousand dollars under the record 1966 total.

The values shown in this report represent gross values of agricultural production, whether the products were sold or used on the farm where grown. Fruit, vegetable, and cut flower values were computed on the basis of the packed price, f.o.b. shipping point. On other commodities, the price was based on the most common method of sale.

IT IS IMPORTANT TO REMEMBER THAT THE PRICES QUOTED IN THIS PUBLICATION HAVE NO DIRECT RELATION TO PRODUCTION COSTS, WHICH HAVE BEEN INCREASING STEADILY, AND GIVE NO INDICATION OF THE INDIVIDUAL GROWER'S PROFIT OR LOSS ON HIS CROP.

Increases in costs of labor, equipment, operating and shipping expenses, higher land values resulting in higher taxes, inflation, etc., have become so severe in some types of agricultural enterprises that they may disappear from the State's agricultural picture in only a few years. The farmer's net return on his investment is getting smaller and smaller, to the point where agriculture can cease to be the State's major industry unless this trend can be halted. Without California's great contribution to the food and fiber market, the consumer is going to be faced with shorter supplies of many of these products, and much higher prices.

Eggs and tomatoes were again the two most important commodities, although total egg values were $8.5 million under the 1966 figure, and tomatoes declined by $3.5 million. Egg production increased substantially; the decline in total value was due entirely to a very depressed price. These declines, and a few others, were offset by substantial increases in avocados, lemons, flowers, beef cattle, chickens (mostly replacement pullets, and fresh market milk.

Compilation of these annual statistical reports is an important service performed by the Department of Agriculture for the general public, not only for farmers and those who work with farmers. The reports are used by financial institutions, research organizations, and businesses of all kinds. Every effort is made to see that they are as complete and accurate as possible. It is sometimes necessary to use incomplete or estimated figures, as the reports are prepared as soon as possible after the end of the year. If significant changes in 1966 final figures were noted, adjustments have been made to provide a better comparison between 1966 and 1967 production.

Many organizations and individuals have contributed information for this report. I wish to express my appreciation to them, as well as to the members of our Department of Agriculture who assisted in gathering the data needed. The report was compiled by Roy M. Kepner, Jr., Specialist for Natural Resources and Statistics, and Barbara E. Biewener, Senior Stenographer.

Respectfully submitted,

James M. Moon
AGRICULTURAL COMMISSIONER

MOST IMPORTANT COMMODITIES, 1967

Eggs	$25,564,000	Oranges	$ 7,505,500
Tomatoes	17,569,000	Carnations	6,727,000
Market Milk	15,636,000	Nursery Stock	6,466,000
Avocados	11,809,000	Lemons	4,272,000
Cattle & Calves	8,148,000	Cut Chrysanthemums	2,988,000

Other crops which exceeded a million dollars in value were celery, gladiolus, potted chrysanthemums, strawberries, miscellaneous poultry, cucumbers, cabbage, and bell peppers.

SUMMARY

	1966	1967
Field Crops	$ 1,695,650	$ 2,672,260
Fruit and Nut Crops	20,075,820	26,750,400
Vegetable Crops	32,673,700	27,876,800
Nursery Products and Commercial Flowers	21,173,000	22,991,800
Livestock and Poultry	10,163,700	11,913,000
Livestock and Poultry Products	47,818,990(a)	41,242,200
Apiary Products	192,200	287,300
TOTAL	$133,793,060(a)	$133,733,760

(a) Revised

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	PRODUCTION Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Barley	1967	10,600	1.1	11,700	Ton	$ 51	$ 597,000
	1966	9,560	1.0	9,560	Ton	55	526,000
Beans, Dry Edible Lima, Garbanzo, Blackeye	1967	2,300	1.0	2,300	Ton	395	908,000
	1966	1,400	0.7	980	Ton	250	245,000
Cotton, Lint	1967	52	811(a)	88	Bale(b)	0.275(c)	12,100
	1966	110	1,411(a)	324	Bale(b)	0.22(c)	35,600
Cotton, Seed	1967	xx	xx	37	Ton	53	1,960
	1966	xx	xx	129	Ton	50	6,450
Green Chop	1967(d)	1,170	21.0	24,600	Ton	8	197,000
Hay, Alfalfa	1967(d)	155	2.3	355	Ton	32	11,400
	1966	2,700	3.8	10,300	Ton	29	299,000
Hay, Grain	1967	7,600	1.8	13,700	Ton	32	438,000
	1966	4,380	0.7	3,070	Ton	33	101,000
Pasture & Range Irrigated	1967	1,800	xx	xx	Acre	93	167,000
	1966	1,840	xx	xx	Acre	98	180,000
Other	1967	397,000	xx	xx	Acre	0.60	238,000
	1966	397,000	xx	xx	Acre	0.55	218,000
Silage Corn	1967	70	20.7	1,450	Ton	15	21,800
	1966	120	15.0	1,800	Ton	15	27,000
Misc. Field Crops	1967	1,490	xx	xx	xx	xx	80,000
Barley & Oats for pasture, Milo, Oats, Rye, Sorghum, Sudan, Wheat, Wheat Grass	1966	2,500	xx	xx	xx	xx	57,600
TOTAL	1967	422,237	xx	xx	xx	xx	$ 2,672,260
	1966	414,610	xx	xx	xx	xx	1,695,650

(a) Lbs. net lint (b) 500# gross weight bales (c) Per pound
(d) "Green Chop" included in Alfalfa Hay in 1966

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	PRODUCTION Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Apples, Fresh	1967	305	2.96(a)	662	Ton	$154	$ 102,000
	1966	348	4.3 (a)	1,260	Ton	125	158,000
Cider	1967	xx	xx	240	Ton	120	28,800
	1966	xx	xx	235	Ton	120	28,200
Non-bearing Acres	1967	(55)					
	1966	(15)					

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Avocados	1967	11,070	4.6	50,900	Ton	$232	$11,809,000
	1966	10,910	2.5	27,300	Ton	260	7,098,000
Non-bearing acres	1967	(1,270)					
	1966	(1,070)					
Grapes							
Desert grown,	1967	430	2.0(a)	865	Ton	340	294,000
Fresh market	1966	660	1.7	1,120	Ton	545	610,000
Cardinal, Red Malaga, Ribier, Perlette, Thompson Seedless							
Desert grown,	1967	xx	xx	42	Ton	305	12,800
By-product	1966	xx	xx	xx	xx	xx	xx
Table Varieties	1967	40	2.7	108	Ton	203	22,000
	1966	50	1.6	80	Ton	125	10,000
Wine Varieties	1967	245	1.6	392	Ton	75	29,400
	1966	230	1.89	435	Ton	66	28,700
Grapefruit,	1967	140	10.0(a)	1,050	Ton	134	141,000
Fresh market	1966	140	16.2(a)	1,650	Ton	83	137,000
By-product	1967	xx	xx	350	Ton	21	7,350
	1966	xx	xx	615	Ton	15	9,220
Non-bearing acres	1967	(25)					
	1966	(21)					
Lemons,	1967	2,030	17.4(a)	20,500	Ton	170	3,485,000
Fresh market	1966	1,946	11.6(a)	12,900	Ton	164	2,116,000
By-product	1967	xx	xx	14,850	Ton	53	787,000
	1966	xx	xx	9,710	Ton	43	418,000
Non-bearing acres	1967	(165)					
	1966	(137)					
Limes	1967	220	10.2	2,250	Ton	180	405,000
	1966	213	8.5	1,810	Ton	120	217,000
Non-bearing acres	1967	(96)					
	1966	(98)					
Oranges,							
Navel & Misc.	1967	519	15.0(a)	5,300	Ton	148	784,000
Fresh market	1966	463	12.0(a)	3,660	Ton	124	454,000
By-product	1967	xx	xx	2,500	Ton	27	67,500
	1966	xx	xx	1,890	Ton	30	56,700
Non-bearing acres	1967	(865)					
	1966	(757)					

Functions of the
SAN DIEGO COUNTY DEPARTMENT OF AGRICULTURE

THE TWO MAJOR RESPONSIBILITIES OF THE DEPARTMENT OF AGRICULTURE ARE PROTECTION OF THE AGRICULTURAL INDUSTRY AND PROTECTION OF THE CONSUMER THROUGH MANY TYPES OF SERVICES, A FEW OF WHICH ARE ILLUSTRATED HERE.

ORCHARD INSPECTION TO DISCOVER AND EVALUATE PEST PROBLEMS

PRODUCE INSPECTION IN WHOLESALE MARKETS (ABOVE) AND IN RETAIL STORES (LEFT)

SPRAYING TO CONTROL NOXIOUS WEEDS

PREPARATION OF POISON BAITS FOR RODENT AND BIRD CONTROL

AGRICULTURAL AREAS OF SAN DIEGO COUNTY

AGRICULTURE IS SAN DIEGO COUNTY'S FOURTH LARGEST INDUSTRY, WITH A TOTAL VALUE EACH YEAR WELL OVER A HUNDRED MILLION DOLLARS.

THE INDUSTRY IS CONCENTRATED IN CERTAIN PORTIONS OF THE COUNTY WHERE THE COMBINATION OF SOIL AND CLIMATE IS FAVORABLE. AT ONE TIME WATER WAS THE MAJOR LIMITING FACTOR IN DETERMINING THE KIND OF CROPS THAT COULD BE GROWN. WITH THE IMPORTATION OF WATER FROM SOURCES OUTSIDE OF THE COUNTY, THE FAVORABLE SOIL AND CLIMATIC CONDITIONS CAN BE UTILIZED MORE FULLY.

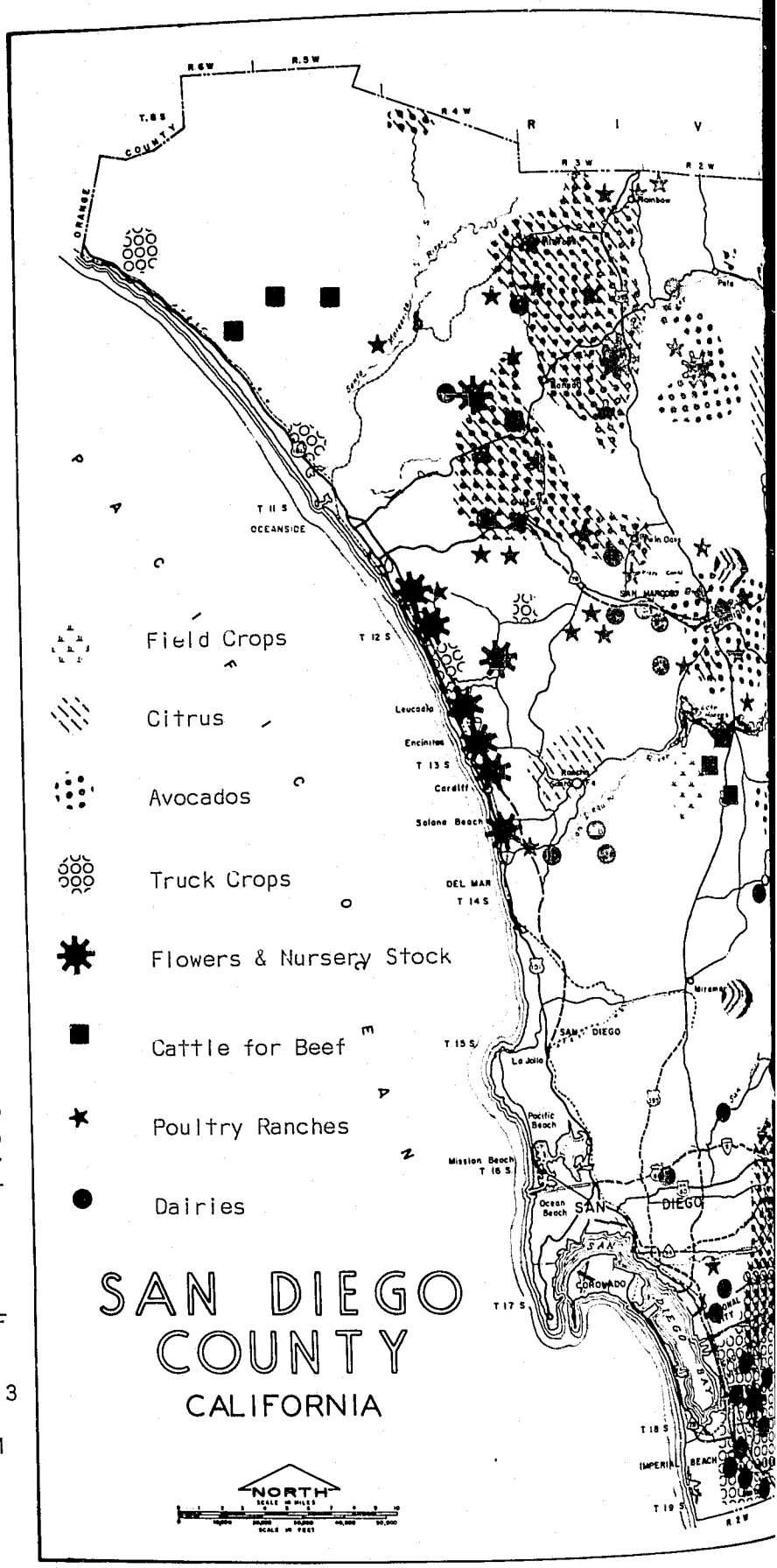
WITH THE AVAILABILITY OF WATER, SAN DIEGO COUNTY FARMERS HAVE TURNED TO CROP SPECIALIZATION, WITH EMPHASIS ON THOSE THAT OFFER THE GREATEST RETURN PER ACRE. DRY-FARMED CROPS SUCH AS GRAIN AND DRY BEANS ARE DECLINING IN IMPORTANCE. URBAN EXPANSION IS CAUSING A DECLINE IN SOME PRODUCTS BECAUSE THEY CANNOT BE RAISED IN PROXIMITY TO RESIDENTIAL AREAS. THE EXCEPTION TO THIS LATTER CASE IS EGG PRODUCTION, WHICH IN THE LAST FEW YEARS, HAS GROWN TO BE THE COUNTY'S MOST IMPORTANT SINGLE AGRICULTURAL ENTERPRISE.

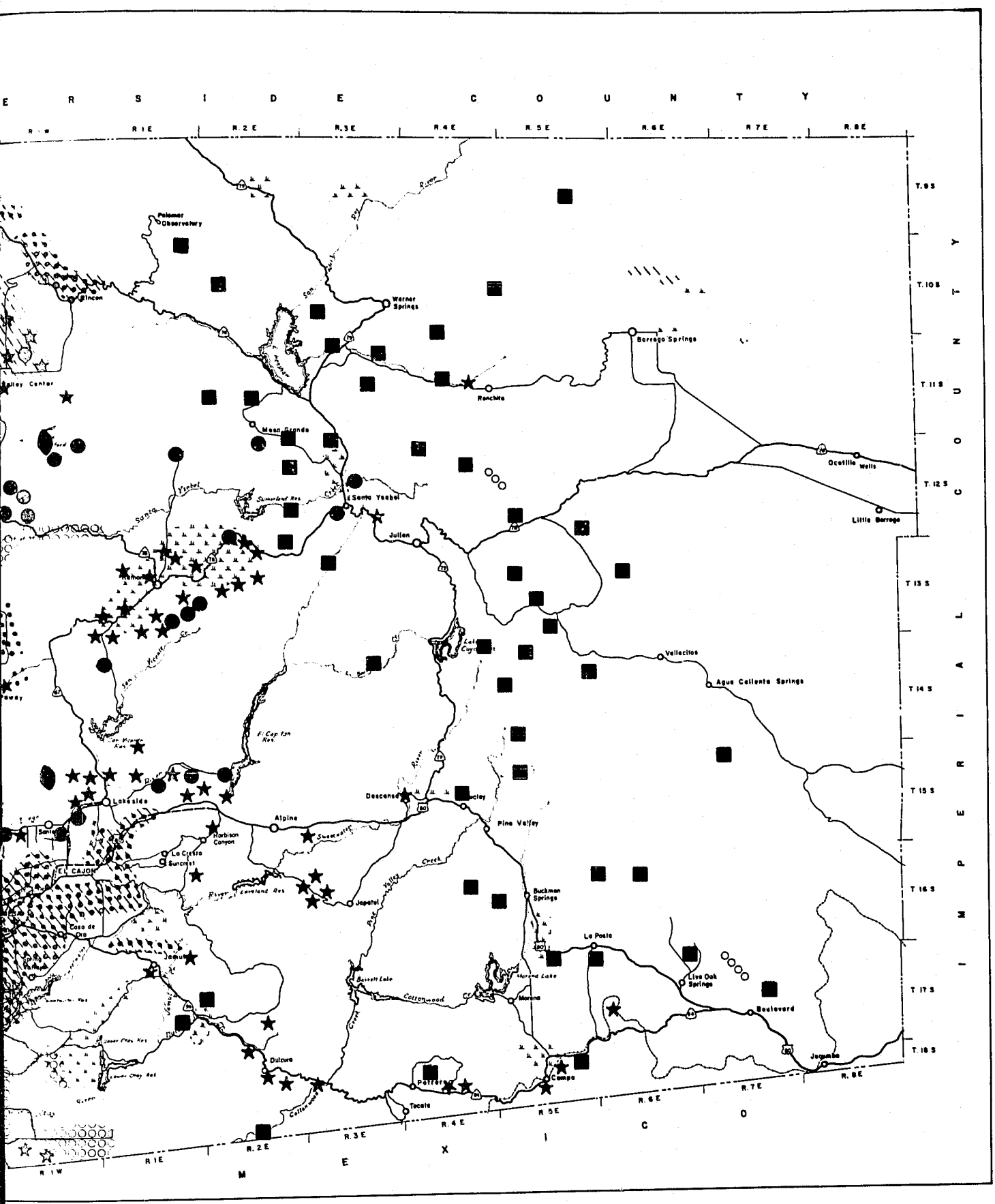
MAJOR CROPS IN THE COUNTY ARE EGGS, TOMATOES, MILK, BEEF, AVOCADOS, AND CITRUS FRUITS. NURSERY STOCK AND FLOWERS OF ALL KINDS, PARTICULARLY CARNATIONS, HAVE INCREASED IN RECENT YEARS AT A VERY RAPID RATE.

FOR ADDITIONAL INFORMATION:

SAN DIEGO COUNTY DEPARTMENT OF AGRICULTURE

5555 OVERLAND AVE., BUILDING 3
SAN DIEGO, CALIFORNIA 92123
TELEPHONE; 278-9200, EXT. 491

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Rincon
Valley Center
Warner Springs
Borrego Springs
Ranchita
Mesa Grande
Ocotillo Wells
Little Borrego
Santa Ysabel
Sutherland Res.
Julian
Vallecitos
Agua Caliente Springs
Lake Cuyamaca
El Capitan Res.
Descanso
Alpine
Pine Valley
Lakeside
Harbison Canyon
La Cresta
Suncrest
EL CAJON
Cowles Mtn.
Casa de Oro
Jamul
Japatul
Buckman Springs
La Posta
Live Oak Springs
Boulevard
Jacumba
Barrett Lake
Morena Lake
Morena
Cottonwood Creek
Dulzura
Campo
Potrero
Tecate
Cottonwood Creek
Pine Valley Creek
Sweetwater River
Otay River
Tijuana River
Cottonwood Creek

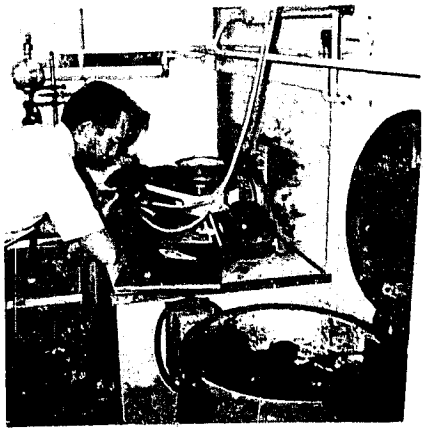
PLANT QUARANTINE INSPECTION AT POST OFFICES AND OTHER DEPOTS

SEED INSPECTION FOR PRESENCE OF UN-DESIRABLE SPECIES

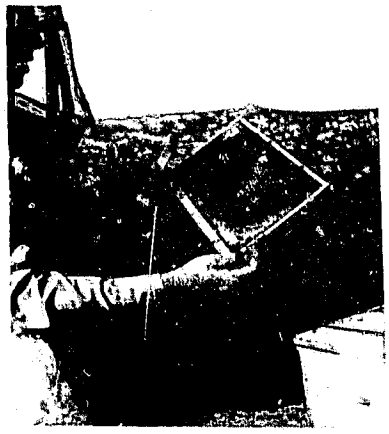
EGG INSPECTION FOR QUALITY

PLANT NURSERY INSPECTION FOR PEST AND LABELING REQUIREMENTS

PATHOLOGY TESTS FOR NEMATODES PLANT DISEASES



TESTING AVOCADOS AND OTHER FRUITS FOR MATURITY STANDARDS



APIARY INSPECTION FOR BEE DISEASES

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Oranges, Valencia Fresh Market	1967	4,000	18.0(a)	36,700	Ton	$139	$ 5,101,000
	1966	3,740	14.8(a)	37,100	Ton	146	5,417,000
By-product	1967	xx	xx	35,300	Ton	44	1,553,000
	1966	xx	xx	18,300	Ton	45	824,000
Non-bearing acres	1967	(4,050)					
	1966	(3,541)					
Strawberries	1967	220	16.8	3,700	Ton	473	1,750,000
	1966	330	14.3	4,720	Ton	463	2,185,000
Tangerines	1967	203	9.98(a)	1,700	Ton	175	298,000
	1966	154	4.3	660	Ton	190	125,000
By-product	1967	xx	xx	325	Ton	26	8,450
Non-bearing acres	1967	(135)					
	1966	(169)					
Misc. Fruits & Nuts	1967	700	xx	xx	xx	xx	65,100
Bushberries, Cactus,	1966	735	xx	xx	xx	xx	184,000
Carob, Cherimoya, Fig, Loquats, Macadamia Nuts, Peaches, Pears, Persimmons, Plums, Pomegranates, Sapotes, Walnuts							
Non-bearing acres	1967	(205)					
	1966	(160)					
TOTAL	1967	20,122	xx	xx	xx	xx	$26,750,400
	1966	19,920	xx	xx	xx	xx	20,075,820
Total Non-bearing Acres	1967	(6,866)					
	1966	(5,968)					

(a) Yield per acre includes both fresh and by-product use

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Beans, Snap	1967	560	4.0	2,240	Ton	$309	$ 692,000
	1966	725	6.0	4,350	Ton	294	1,279,000
Bunch Vegetables	1967	200	xx	xx	xx	xx	220,000
	1966	280	xx	xx	xx	xx	243,000
Beets, Coriander, Endive, Mustard Greens, Onions, Parsley, Radishes, Spinach, Turnips							
Cabbage	1967	1,000	15.1	15,100	Ton	74	1,117,000
	1966	1,100	13.7	15,000	Ton	84	1,260,000
Cauliflower	1967	160	10.0	1,600	Ton	86	138,000
	1966	70	9.5	665	Ton	140	93,100

VEGETABLE CROPS, CONTINUED

Crop	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Celery	1967	1,480	26.0	38,480	Ton	$ 72	$ 2,771,000
	1966	1,280	28.0	35,800	Ton	90	3,222,000
Corn, Sweet	1967	265	3.7	980	Ton	102	100,000
	1966	230	4.8	1,1[illegible]	Ton	151	166,000
Cucumbers	1967	475	13.1	6,220	Ton	201	1,250,000
	1966	480	16.6	7,970	Ton	186	1,482,000
Lettuce, Head	1967	285	11.2	3,190	Ton	98	313,000
	1966	285	15.4	4,390	Ton	90	395,000
Melons, Watermelon	1967	40	4.5	180	Ton	60	10,800
	1966	35	10.3	360	Ton	60	21,600
Peppers, Bell	1967	455	6.2	2,820	Ton	371	1,046,000
	1966	510	6.0	3,060	Ton	250	765,000
Peppers, Chili, Green	1967	230	5.2	1,200	Ton	354	425,000
	1966	90	5.28	475	Ton	360	171,000
Potatoes	1967	970	14.0	13,600	Ton	31	422,000
	1966	1,150	16.4	18,900	Ton	56	1,058,000
Romaine	1967	260	13.1	3,410	Ton	71	242,000
	1966	385	15.0	5,780	Ton	64	370,000
Squash	1967	460	9.4	4,320	Ton	231	998,000
	1966	300	10.3	3,090	Ton	214	661,000
Sweet Potatoes, Fresh market	1967	95	8.7	825	Ton	260	214,000
	1966	365	16.0	5,840	Ton	71	415,000
Processing	1967	150	21.0	3,150	Ton	40	126,000
Tomatoes, Fresh Market Spring	1967	(1,490)	(15.2)	(22,600)	Ton	(331)	(7,481,000)
	1966	(1,640)	(17.6)	(28,900)	Ton	(301)	(8,699,000)
Fall	1967	(3,000)	(14.5)	(43,500)	Ton	(229)	(9,962,000)
	1966	(3,100)	(16.0)	(49,600)	Ton	(248)	(12,301,000)
Total, Fresh Tomatoes	1967	4,490	xx	66,100	Ton	xx	17,443,000
	1966	4,740	xx	78,500	Ton	xx	21,000,000
Tomatoes, Processing	1967	180	18.2	3,270	Ton	38.60	126,000
Misc. Vegetables	1967	185	xx	xx	xx	xx	223,000
Asparagus, Broccoli, Chayotes, Cherry Tomatoes, Eggplant, Garlic, Gourds, Green Peas, Mushrooms	1966	65	xx	xx	xx	xx	72,000
TOTAL	1967	11,940	xx	xx	xx	xx	$27,876,800
	1966	12,090	xx	xx	xx	xx	32,673,700

Item	Year	PRODUCTION Acres (a)	PRODUCTION Quantity Sold By Producers	Unit	VALUE Per Unit	VALUE Total
Citrus & Subtropical Fruit Trees	1967	70	460,000	Plant	$2.42	$ 1,113,000
	1966	89	662,000	Plant	2.50	1,655,000
Ornamental Trees & Shrubs	1967	210	1,713,000	Plant	0.88	1,507,000
	1966	8	2,135,000	Plant	0.72	1,537,000
Bedding Plants	1967	67	1,905,000	Flat	0.57	1,086,000
	1966	5	309,000	Flat	2.07	640,000
Herbaceous Perennials	1967	270	19,668,000	Plant	0.05	983,000
	1966	200	20,440,000	Plant	0.05	1,022,000
Indoor Decoratives	1967	18	2,111,000	Plant	0.60	1,267,000
	1966	9	1,624,000	Plant	0.60	974,000
Cactus & Succulents	1967	22	2,001,000	Plant	0.10	200,000
	1966	3	2,005,000	Plant	0.10	200,000
Bulbs, Corms, Rhizomes, Roots, Tubers	1967	xx	2,066,000	xx	xx	310,000
	1966	xx	14,365,000	xx	xx	1,867,000
SUBTOTAL, NURSERY Stock	*1967*	*(657)*	*xx*	*xx*	*xx*	*(6,466,000)*
	1966	*(314)*	*xx*	*xx*	*xx*	*(7,895,000)*
Bird-of-Paradise	1967(b)	34	523,000	Dozen	1.50	784,000
Carnations	1967	132	103,488,000	Bloom	0.065	6,727,000
	1966	90	97,517,000	Bloom	0.065	6,339,000
Chrysanthemums, Cut	1967(b)	52	1,328,000	Bundle	2.25	2,988,000
Chrysanthemums, Potted	1967	10	1,800,000	Pot	1.00	1,800,000
	1966	9	1,800,000	Pot	1.00	1,800,000
Gladiolus	1967	848	3,380,000	Dozen)	0.75	2,535,000
	1966	740	2,462,000	Spikes)	0.80	1,970,000
Orchid	1967(b)	6	970,000	Bloom	0.46	446,000
Rose	1967(b)	10	5,081,000	Bloom	0.116	589,000
Cut Foliage	1967(b)	xx	xx	xx	xx	9,800
Misc. Cut Flowers	1967(b)	225	xx	xx	xx	518,000
	1966(c)	340	xx	xx	xx	3,169,000

(Includes more than forty kinds of cut flowers)

NURSERY PRODUCTS, CUT FLOWERS, CONTINUED

Item	Year	PRODUCTION Acres (a)	PRODUCTION Quantity Sold By Producers	Unit	VALUE Per Unit	VALUE Total
Misc. Potted Flowers (Includes approximately fifteen varieties)	1967(b)	5	208,000	Pot	$0.62	$ 129,000
SUBTOTAL, CUT AND POTTED FLOWERS	*1967*	*(1,322)*	*xxx*	*xxx*	*xxx*	*(16,525,800)*
	1966	*(340)*	*xxx*	*xxx*	*xxx*	*(13,778,000)*
TOTAL	1967	1,979	xx	xx	xx	$22,991,800
	1966	1,430	xx	xx	xx	21,173,000

(a) Includes field acres and square footage of plantings in hothouses, greenhouses, etc., converted to acreage; 1966 acreage figures were incomplete
(b) Included in Miscellaneous Cut Flowers in 1966
(c) Includes Miscellaneous Cut Flowers, Potted Plants, Cut Foliage, and four flower varieties which are reported separately in 1967

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	PRODUCTION No. of Head	PRODUCTION Total Liveweight	Unit	VALUE Per Unit	VALUE Total
Cattle & Calves (a)	1967	45,200	379,000	Cwt.	$21.50	$ 8,148,000
	1966	45,000	337,000	Cwt.	22.00	7,414,000
Lambs	1967	5,500	5,240	Cwt.	22.20	116,000
	1966	4,080	4,090	Cwt.	23.40	95,700
Hogs & Pigs	1967	5,600	13,400	Cwt.	20.10	269,000
	1966	5,680	13,600	Cwt.	24.00	326,000
Chickens, Other	1967	3,240,000	12,960,000	Lb.	0.033	428,000
	1966	3,308,000	13,232,000	Lb.	0.065	860,000
Turkeys	1967	182,000	3,895,000	Lb.	0.184	717,000
	1966	107,000	2,354,000	Lb.	0.246	579,000
Misc. Poultry Chicks, Poults, Replacement Pullets	1967	xx	xx	xx	xx	1,360,000
	1966	xx	xx	xx	xx	697,000
Rabbits	1967	748,000	3,366,000	Lb.	0.26	875,000
	1966	152,000	686,000	Lb.	0.28	192,000
TOTAL	1967	xx	xx	xx	xx	$11,913,000
	1966	xx	xx	xx	xx	10,163,700

(a) Including dairy animals sold for slaughter

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Milk, Market	1967	2,967,000	Cwt.	$5.27	$15,636,000
	1966(a)	2,720,000	Cwt.	5.12	13,926,000
Milk, Manufacturing	1967	6,910	Cwt.	4.11	28,400
	1966(a)	893	Cwt.	3.91	3,490
Wool	1967	40,000	Lbs.	0.346	13,800
	1966	44,500	Lbs.	0.46	20,500
Eggs, Chicken, Market	1967	103,500,000	Doz.	0.247	25,564,000
	1966	100,800,000	Doz.	0.336	33,869,000
TOTAL	1967	xx	xx	xx	$41,242,200
	1966(a)	xx	xx	xx	47,818,990

(a) Revised

APIARY PRODUCTS: PRODUCTION AND YIELD

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Honey	1967	2,064,000	lbs.	$0.13	$ 268,000
	1966	1,362,000	Lbs.	0.13	177,000
Beeswax	1967	34,400	Lbs.	0.56	19,300
	1966	27,200	Lbs.	0.56	15,200
TOTAL	1967	xx	xx	xx	$ 287,300
	1966	xx	xx	xx	192,200

1968

Calif. San Diego Co. Agricultural Commissioner.
Report. (Annual). 1968.

1769-1969
San Diego 200th Anniversary

AGRICULTURAL CROP REPORT

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COUNTY OF SAN DIEGO

* *

AGRICULTURAL COMMISSIONER
James M. Moon

5555 Overland Avenue, Building 3
San Diego, California 92123
Telephone: 278-9200

* *

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Robert C. Cozens, District 5

* *

CHIEF ADMINISTRATIVE OFFICER:

F. J. Morey

* *

COVER: Where Agriculture began in California. Although the first plantings were actually at the foot of Presidio Hill, the first successful crops are believed to have been raised in these fields just in front of the present Mission. The olive trees in the foreground are survivors of the grove planted to supply the Mission. A short discussion of the County's agricultural history will be found facing page 4.

* *

OUR COVER IN COLOR WAS DONATED BY THE SAN DIEGO COUNTY FARM BUREAU to celebrate the 200th Anniversary of San Diego and the beginning of what has grown to be the County's fourth largest industry.

SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE

To: Mr. Jerry W. Fielder, Director
California Department of Agriculture
and
The Honorable Board of Supervisors
County of San Diego

Submitted herewith is the report of acreage, yield, and value of agricultural production in San Diego County for 1968, as required by Section 2279 of the California Agricultural Code.

The total value of this production was $129,833,500, third highest in history, with only 1966 and 1964 showing larger totals.

The values shown in this report represent gross values of agricultural production, whether the products were sold or used on the farm where grown. Fruit, vegetable, and cut flower values were computed on the basis of the packed price, f.o.b. shipping point. On other commodities, the prices were based on the most common method of sale.

IT IS IMPORTANT TO REMEMBER THAT THE PRICES QUOTED IN THIS PUBLICATION HAVE NO DIRECT RELATION TO PRODUCTION COSTS, WHICH HAVE BEEN INCREASING STEADILY, AND GIVE NO INDICATION OF THE INDIVIDUAL GROWER'S PROFIT OR LOSS ON HIS CROP.

Tomatoes and eggs were again the most important commodities produced, these two products alone accounting for forty percent of the total. In the case of tomatoes, yields were higher than in the previous year, and prices for the fall crop were much better. In spite of this, the economic problems connected with raising this and other vegetable crops have become so burdensome that more local growers are considering moving to Mexico to farm.

Egg production was higher in 1968 than in 1967, but the price per dozen was almost the same both years--24.7¢. The cost of production is approximately 24.8¢ per dozen.

The series of dry years has caused a continuing decline in non-irrigated field crops, as well as in most types of livestock production. Lack of natural forage for cattle has been a serious problem. Hog production is expected to disappear gradually as a local industry as it is not compatible with the urban expansion predicted for the County.

Yields on most of our fruit and nut crops were lower in 1968, even though most of them are grown under irrigation. As often happens when yields are lower, prices were better for these crops. This did not mean that net returns to the grower were satisfactory in view of ever-increasing costs of production. Desert-grown grapes will no longer contribute to our agricultural economy. Only a few acres were harvested in 1968, and the vines were then removed. The first harvest of desert grapes was reported in 1948, and the industry reached its peak in 1963 with a yield of 5,500 tons valued at $1,944,500.

The disastrous freeze in December, 1968, will be reflected in the 1969 crop report. Avocados were particularly hard hit, and what was predicted to be the largest crop in the history of the industry will be cut substantially. All types of citrus fruits

were also damaged to some extent, but in every case the degree of recovery cannot be determined for many months, perhaps not for two or three years.

The dry weather, again, was responsible for the almost total lack of a honey crop in 1968. There just were no native wildflowers from which the bees could gather nectar. A good part of the small apiary products total is made up of package bees and queen bee sales, rather than the usual honey and beeswax. The higher than normal rainfall in the winter of 1968-69 should lead to a good crop of nectar-bearing flowers for the bees in the coming spring and summer.

Compilation of these annual statistical reports is an important cooperative service performed by the State and County Departments of Agriculture for the general public, not only for farmers and those who work with them. The reports are used by financial institutions, research organizations, planners, and businesses of all kinds throughout the State. Every effort is made to see that they are as complete and accurate as possible. It is sometimes necessary to use incomplete or estimated figures, as the reports are prepared as soon as possible after the end of the year. If significant changes in 1967 final figures were noted, adjustments have been made to provide a better comparison between 1967 and 1968 production.

Many organizations and individuals have contributed information for this report. I wish to express my appreciation to them, as well as to the members of our Department of Agriculture who assisted in gathering the data needed. The report was compiled by Roy M. Kepner, Jr., Specialist for Natural Resources and Statistics, and Barbara E. Biewener, Senior Stenographer.

I wish to express particular thanks to the San Diego County Farm Bureau, who contributed the cover of this report, in color, in recognition of the 200th Anniversary of San Diego--where California and its number one industry, Agriculture,--began.

Respectfully submitted,

James M. Moon

AGRICULTURAL COMMISSIONER

MOST IMPORTANT COMMODITIES, 1968

Tomatoes	$26,725,000	Lemons	$ 4,610,000
Eggs	26,038,000	Misc. Market Flowers	3,914,000
Market Milk	15,933,000	Carnations	3,087,000
Avocados	9,360,000	Celery	2,622,000
Nursery Products	7,240,000	Strawberries	2,570,000
Oranges	6,401,000	Gladiolus	2,395,000
Cattle & Calves	6,002,000	Cucumbers	1,469,000

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Barley	1968	12,900	0.9	11,600	Ton	$ 50	$ 580,000
	1967	10,600	1.1	11,700	Ton	51	597,000
Beans, Dry Edible Lima, Garbanzo, Blackeye	1968	1,960	0.45	880	Ton	360	317,000
	1967	2,300	1.0	2,300	Ton	395	908,000
Green Chop	1968	1,130	16.0	18,100	Ton	8	145,000
	1967	1,170	21.0	24,600	Ton	8	197,000
Hay, Alfalfa	1968	430	4.0	1,720	Ton	30	51,600
	1967	155	2.3	355	Ton	32	11,400
Hay, Grain	1968	6,880	1.2	8,260	Ton	35	289,000
	1967	7,600	1.8	13,700	Ton	32	438,000
Pasture & Range Irrigated	1968	2,200	xx	xx	Acre	85	187,000
	1967	1,800	xx	xx	Acre	93	167,000
Other	1968	390,000	xx	xx	Acre	0.60	234,000
	1967	397,000	xx	xx	Acre	0.60	238,000
Silage Corn	1968	260	24.6	6,400	Ton	11	70,400
	1967	70	20.7	1,450	Ton	15	21,800
Misc. Field Crops	1968	2,400	xx	xx	xx	xx	68,700
Barley & Oats for Pasture, Cotton and Cottonseed, Milo, Oats, Rye, Sorghum, Wheat, Wheat Grass	1967(a)	1,540	xx	xx	xx	xx	94,060
TOTAL	1968	418,160	xx	xx	xx	xx	$ 1,942,700
	1967	422,235	xx	xx	xx	xx	2,672,260

(a) Revised to include cotton and cottonseed

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Apples, Fresh	1968	305	2.20(a)	470	Ton	$170	$ 80,000
	1967	305	2.96(a)	662	Ton	154	102,000
Cider	1968	xx	xx	200	Ton	125	25,000
	1967	xx	xx	240	Ton	120	28,800
Non-bearing Acres	1968	(55)					
	1967	(55)					
Avocados	1968	11,350	1.7	19,300	Ton	485	9,360,000
	1967	11,070	4.6	50,900	Ton	232	11,809,000
Non-bearing Acres	1968	(1,500)					
	1967	(1,270					

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Grapes							
Table Varieties	1968	90	xx	xx	xx	xx	$ 61,000
	1967(b)	470	xx	xx	xx	xx	328,800
Wine Varieties	1968	260	1.4	365	Ton	$ 93	33,900
	1967	245	1.6	392	Ton	75	29,400
Grapefruit, Fresh Market	1968	150	10.0(a)	945	Ton	132	125,000
	1967	140	10.0(a)	1,050	Ton	134	141,000
By-product	1968	xx	xx	555	Ton	30	16,600
	1967	xx	xx	350	Ton	21	7,350
Non-bearing Acres	1968	(215)					
	1967	(25)					
Lemons, Fresh Market	1968	2,055	15.4(a)	17,700	Ton	218	3,859,000
	1967	2,030	17.4(a)	20,500	Ton	170	3,485,000
By-product	1968	xx	xx	13,900	Ton	54	751,000
	1967	xx	xx	14,850	Ton	53	787,000
Non-bearing Acres	1968	(325)					
	1967	(165)					
Limes, Fresh Market	1968	280	10.0(a)	2,400	Ton	144	346,000
	1967	220	10.2	2,250	Ton	180	405,000
By-product	1968(c)	xx	xx	400	Ton	80	32,000
Non-bearing Acres	1968	(50)					
	1967	(96)					
Oranges, Navels & Misc. Fresh Market	1968	700	7.3(a)	4,300	Ton	260	1,118,000
	1967	519	15.0(a)	5,300	Ton	148	784,000
By-product	1968	xx	xx	800	Ton	36	28,800
	1967	xx	xx	2,500	Ton	27	67,500
Non-bearing Acres	1968	(800)					
	1967	(865)					
Oranges, Valencia Fresh Market	1968	5,140	5.9(a)	24,200	Ton	204	4,937,000
	1967	4,000	18.0(a)	36,700	Ton	139	5,101,000
By-product	1968	xx	xx	6,100	Ton	52	317,000
	1967	xx	xx	35,300	Ton	44	1,553,000
Non-bearing Acres	1968	(4,700)					
	1967	(4,050)					

A BRIEF HISTORY OF AGRICULTURE IN SAN DIEGO COUNTY

Bringing Christianity to the Indians, to feed their souls, may have been the purpose of the Padres when they embarked on their journey to build a chain of Missions in Alta California. But food for the body is a necessity, too, and their work laid the foundation for what has become California's most important industry--Agriculture.

Little record is left of the early attempts at agriculture. It is known that crops were planted near the base of Presidio Hill, but little water flowed down the San Diego river in dry seasons, and in wet months, the river overflowed and washed out most of the small plantings. Subsequent plantings were made farther east in the valley, near the site of the present Mission. Although the record is not complete, there is reason to believe that these fields, just in front of the Mission, were in continuous agricultural use of one kind or another for a longer period than any other farmland at least in the State of California. The first plantings were made within two or three years of the founding of the Mission in 1769, and the last crop was harvested here in 1966. Soon the site will be covered with houses, and the few trees remaining of the large olive groves planted during the Mission days will disappear. A small grove just east of the Mission has been started with cuttings from the original trees to perpetuate a reminder of the Mission's early reputation as a source of olive oil of high quality, which it supplied to most of its sister establishments farther north.

Wheat is the first crop mentioned in connection with the Mission, but seeds of fruits, grains, vegetables, and flowers were planted by order of the secular head of the expedition. Grapevines were introduced about 1773, and vineyards soon covered large acreages. The wine was needed in religious services, as well as for secular use.

Cattle were imported to provide not only meat and milk, but for leather made from their hides and tallow rendered from the fat. Soon they became an important source of income for the Missions, and later for the families of the Californios. Flocks of sheep were also important to the Missions. By the time the Spanish rule ended in 1821, the San Diego Mission claimed a territory of 3,000 square miles, and livestock totaling 8,600 cattle, 19,000 sheep, and a large assortment of horses, burros, and mules.

Mission San Luis Rey, most prosperous of the Missions, also had large orchards and vineyards, as well as even larger herds of sheep and cattle, when allegiance was sworn to Mexico, and fine vegetable gardens. A contemporary report says that gardens at Mission San Luis Rey produced the best olives and the best wine in California.

With the discovery of gold in California, food for the influx of immigrants was a serious problem. Herds of cattle ranging freely throughout the County were rounded up and driven north to the gold country to be sold at high prices. A few years later, cattle carcasses were scattered over the landscape as a prolonged drought destroyed their food. The *SAN DIEGO HERALD* reported in April, 1857 that "hardly a blade of grass is still green in San Diego County. Drought has destroyed all the crops, and cattle are being sold for any price offered."

Then, as now, water was a problem. Seasons of drought were followed by seasons of flood. Crops were planted along natural watercourses, and little attempt was made to transport water for irrigation. A notable exception was the fine irrigation system constructed by the Padres at the San Diego Mission. Remnants of their dam on the San Diego river and traces of the water distribution system are still visible.

About 1856 the first bees were being imported for the first commercial apiary. It is likely, however, that honey for sweetening had been one of the products of the Mission's agricultural enterprises. In 1883 residents of Spring Valley complained that

AGRICULTURAL AREAS OF SAN DIEGO COUNTY

AGRICULTURE IS SAN DIEGO COUNTY'S FOURTH LARGEST INDUSTRY, WITH A TOTAL VALUE EACH YEAR WELL OVER A HUNDRED MILLION DOLLARS.

THE INDUSTRY IS CONCENTRATED IN CERTAIN PORTIONS OF THE COUNTY WHERE THE COMBINATION OF SOIL AND CLIMATE IS FAVORABLE. AT ONE TIME WATER WAS THE MAJOR LIMITING FACTOR IN DETERMINING THE KIND OF CROPS THAT COULD BE GROWN. WITH THE IMPORTATION OF WATER FROM SOURCES OUTSIDE OF THE COUNTY, THE FAVORABLE SOIL AND CLIMATIC CONDITIONS CAN BE UTILIZED MORE FULLY.

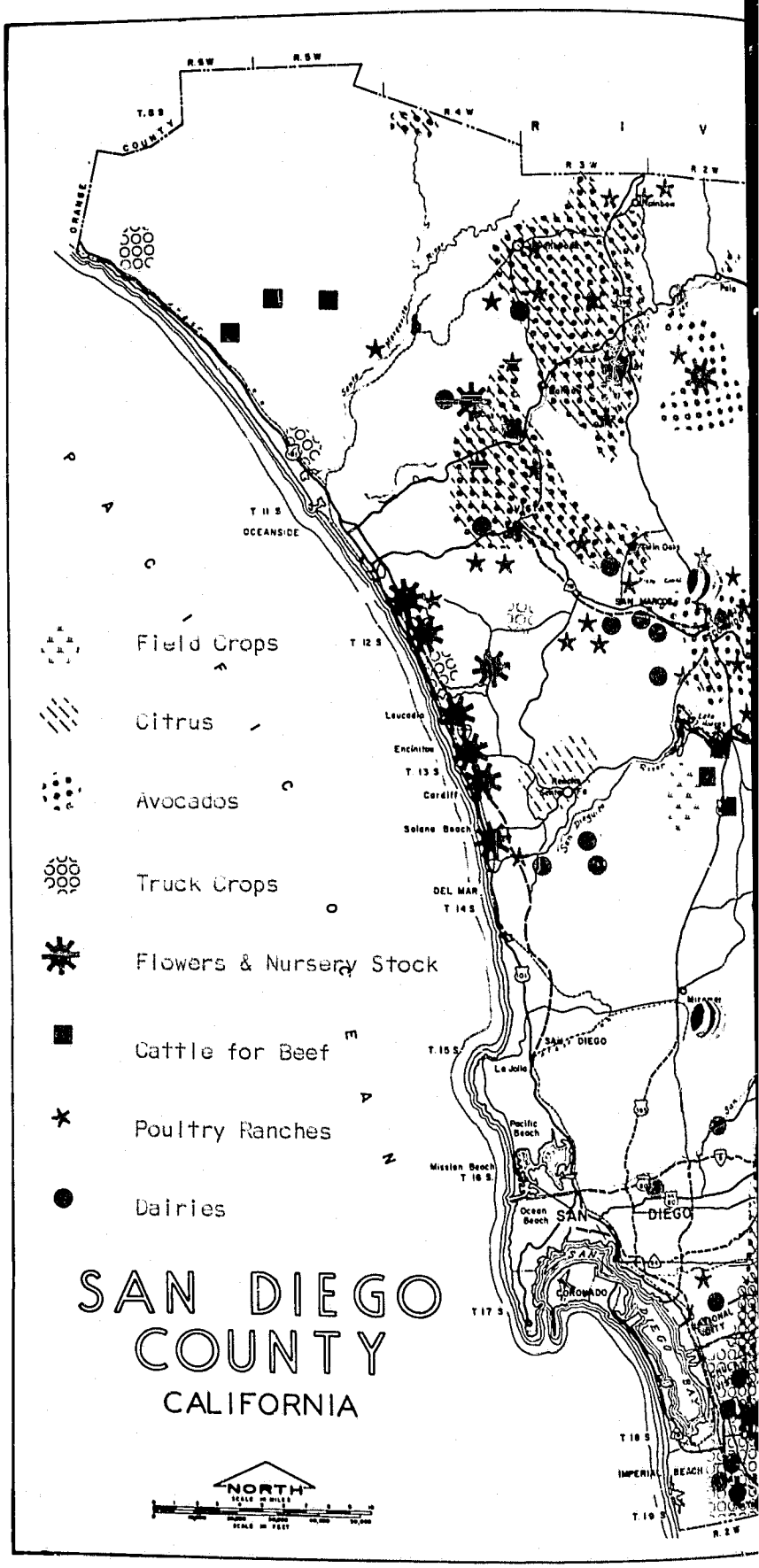
WITH THE AVAILABILITY OF WATER, SAN DIEGO COUNTY FARMERS HAVE TURNED TO CROP SPECIALIZATION, WITH EMPHASIS ON THOSE THAT OFFER THE GREATEST RETURN PER ACRE. DRY-FARMED CROPS SUCH AS GRAIN AND DRY BEANS ARE DECLINING IN IMPORTANCE. URBAN EXPANSION IS CAUSING A DECLINE IN SOME PRODUCTS BECAUSE THEY CANNOT BE RAISED IN PROXIMITY TO RESIDENTIAL AREAS. THE EXCEPTION TO THIS LATTER CASE IS EGG PRODUCTION, WHICH IN THE LAST FEW YEARS, HAS GROWN TO BE THE COUNTY'S MOST IMPORTANT SINGLE AGRICULTURAL ENTERPRISE.

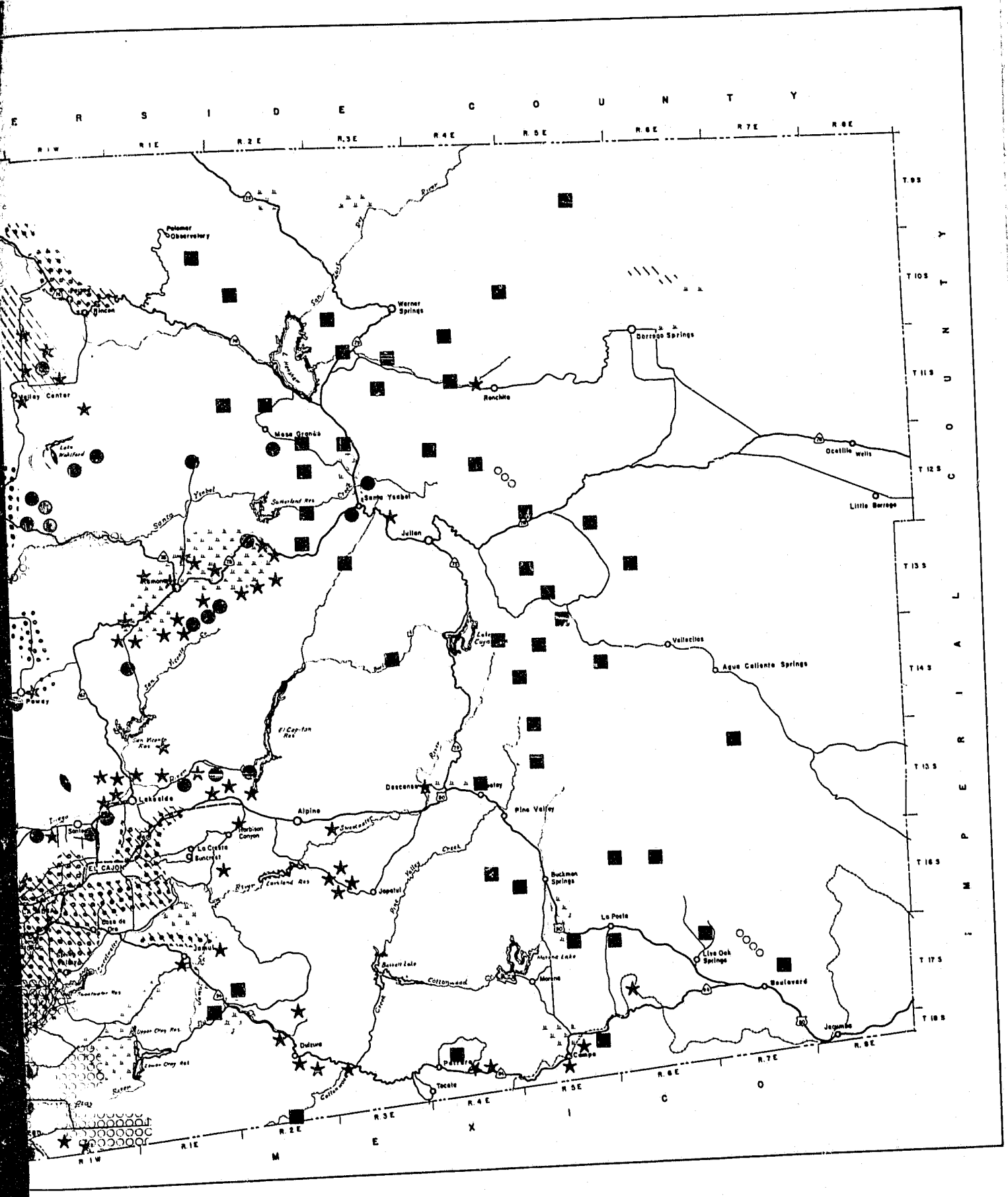
MAJOR CROPS IN THE COUNTY ARE EGGS, TOMATOES, MILK, BEEF, AVOCADOS, AND CITRUS FRUITS. NURSERY STOCK AND FLOWERS OF ALL KINDS, PARTICULARLY CARNATIONS, HAVE INCREASED IN RECENT YEARS AT A VERY RAPID RATE.

FOR ADDITIONAL INFORMATION:

SAN DIEGO COUNTY DEPARTMENT OF AGRICULTURE

5555 OVERLAND AVE., BUILDING 3
SAN DIEGO, CALIFORNIA 92123
TELEPHONE; 278-9200, EXT. 491

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Valley Center
Lake Wohlford
Mesa Grande
Santa Ysabel
Sutherland Res.
Julian
Ramona
Poway
San Vicente Res.
El Capitan Res.
Lakeside
Santee
Alpine
Harbison Canyon
La Cresta
Suncrest
EL CAJON
Tierra Santa Res.
Jamul
Otay Res.
Upper Otay Res.
Lower Otay Res.
Dulzura
Descanso
Pine Valley
Japatul Valley
Buckman Springs
Barrett Lake
Morena Lake
Morena
Campo
Potrero
Tecate
La Posta
Live Oak Springs
Boulevard
Jacumba
Cottonwood Creek
Werner Springs
Ranchita
Borrego Springs
Ocotillo Wells
Little Borrego
Vallecitos
Agua Caliente Springs
Lake Cuyamaca

they could not get to their fig trees until after dark, and demanded protection from the bees. The County soon became California's top honey producer. Our third most important crop in 1886 was 2.7 million pounds of honey. Wheat and wool were the two top crops, and none of the three is important in modern day San Diego County. In 1886 the County still included the present Riverside and Imperial counties.

In the 1870's sheep began to crowd out cattle, causing many problems. Close grazing caused serious erosion, reportedly "ruining some of the fertile valleys." A series of disastrous droughts gradually brought an end to the industry, and today only a few sheep and lambs are still raised here.

Major problems in the County's agricultural development in the last third of the 1800's were unsettled land titles complicated by Mexican land grants, the continuing lack of water, and fence laws and open range, with farmers demanding protection from livestock. It was predicted that the County had all the water ever needed if wells were dug.

By 1881 the agricultural industry had become important enough in the economy that the Board of Supervisors formed the County Horticultural Commission, forerunner of the present San Diego County Department of Agriculture.

Oranges were introduced into California in 1769, seeds being brought from Baja California Missions, but they were not the same juicy, sweet fruit we know today. At about the same time lemons were brought in. The first known commercial citrus grove was planted at National City in 1869. The introduction of the Washington Navel variety in 1873 led to a rapid increase in orange groves, but completion of the transcontinental railroads from 1876-85 gave the industry its most effective impetus by opening up new markets.

There were 2,000 acres of muscats for raisins in El Cajon Valley in the 1890's (producing 175 cars in 1892,) and Sweetwater Valley was another heavy raisin producer. More than 800 acres of wheat were sown in Pacific Beach, and that area was "becoming one of the principal lemon districts of the County," according to a contemporary newspaper. Land was being cleared for wheat on Point Loma, and at one time it was predicted that Ocean Beach would be the lemon capital of the County. In 1893 more than 50,000 fruit trees were planted in Escondido, and nearly 80,000 sacks of wheat were produced there. Olives, 800 acres of them, were the most important crop in Fallbrook.

The first avocado tree, a seedling, was planted on an Escondido ranch in 1892, but it was not until 1915-16 that commercial groves were planted. These were in Carlsbad, Encinitas, Rancho Santa Fe, Solana Beach, and Vista--all chosen because of the presence of good land, water, and moderate climate. Five acres were planted in Chula Vista, but these, along with many acres planted in Grossmont and El Cajon, no longer play an important part in the industry. But avocado trees now cover well over 12,000 acres of northern San Diego County, and our crop constitutes more than half of the State's production.

About the time of World War I it was discovered that our mild winter climate could be made to yield handsome returns from winter and off-season vegetables. From this developed one of the County's major agricultural industries. The importation of irrigation water gave agriculture even more impetus, to a point where the fall and winter tomato crop is our leading plant product. The mild climate is a basic reason for the recent growth of the flower and nursery stock industry which is confined almost entirely to a narrow band along the coast.

Products which depend on rainfall for irrigation or which are incompatible with urban development are expected to continue to decline slowly. With a plentiful supply of water, modern methods of planting, cultivating, harvesting, and shipping, our agricultural future should continue in the direction of off-season vegetables, high-quality citrus and avocados and other subtropical fruits, flowers, and nursery stock.

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Strawberries	1968	360	17.0	6,120	Ton	$420	$ 2,570,000
	1967	220	16.8	3,700	Ton	473	1,750,000
Tangerines	1968	275	2.11(a)	495	Ton	210	104,000
	1967	203	9.98(a)	1,700	Ton	175	298,000
By-product	1968	xx	xx	85	Ton	26	2,200
	1967	xx	xx	325	Ton	26	8,450
Non-bearing Acres	1968	(100)					
	1967	(135)					
Misc. Fruits & Nuts	1968	700	xx	xx	xx	xx	124,000
Bushberries, Cactus,	1967	700	xx	xx	xx	xx	65,100
Carob, Cherimoya, Fig, Loquat, Macadamia Nut, Peach, Pear, Persimmon, Plum, Pomegranate, Sapote, Walnut							
Non-bearing Acres	1968	(200)					
	1967	(205)					
TOTAL	1968	21,665	xx	xx	xx	xx	$23,890,500
	1967	20,122	xx	xx	xx	xx	26,750,400
Total Non-bearing Acres	1968	(7,945)					
	1967	(6,866)					

(a) Yield per acre includes both fresh and by-product use
(b) Revised to include desert-grown grapes
(c) Not reported, 1967

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Beans, Snap	1968	640	3.4	2,180	Ton	$335	$ 730,000
	1967	560	4.0	2,240	Ton	309	692,000
Bunch Vegetables	1968	205	xx	xx	xx	xx	225,000
Beets, Mustard Greens,	1967	200	xx	xx	xx	xx	220,000
Onions, Parsley, Radishes, Spinach, Turnips, Watercress							
Cabbage	1968	800	15.7	12,600	Ton	60	756,000
	1967	1,000	15.1	15,100	Ton	74	1,117,000
Cauliflower	1968	100	9.4	940	Ton	70	65,800
	1967	160	10.0	1,600	Ton	86	138,000
Celery	1968	920	30.0	27,600	Ton	95	2,622,000
	1967	1,480	26.0	38,480	Ton	72	2,771,000

VEGETABLE CROPS, CONTINUED

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Corn, Sweet	1968	190	4.9	930	Ton	$110	$ 102,000
	1967	265	3.7	980	Ton	102	100,000
Cucumbers	1968	325	17.4	5,650	Ton	260	1,469,000
	1967	475	13.1	6,220	Ton	201	1,250,000
Lettuce, Head	1968	215	7.2	1,550	Ton	70	108,000
	1967	285	11.2	3,190	Ton	98	313,000
Melons, Watermelon	1968	55	8.0	440	Ton	45	19,800
	1967	40	4.5	180	Ton	60	10,800
Peppers, Bell	1968	710	3.7	2,630	Ton	280	736,000
	1967	455	6.2	2,820	Ton	371	1,046,000
Peppers, Chili, Green	1968	130	5.8	750	Ton	360	270,000
	1967	230	5.2	1,200	Ton	354	425,000
Potatoes	1968	650	12.0	7,800	Ton	54	421,000
	1967	970	14.0	13,600	Ton	31	422,000
Romaine	1968	135	12.5	1,690	Ton	65	110,000
	1967	260	13.1	3,410	Ton	71	242,000
Squash	1968	410	8.5	3,480	Ton	245	853,000
	1967	460	9.4	4,320	Ton	231	998,000
Tomatoes, Fresh Market Spring	1968	(1,340)	(20.1)	(26,900)	Ton	(250)	(6,725,000)
	1967	(1,490)	(15.2)	(22,600)	Ton	(331)	(7,481,000)
Fall	1968	(2,670)	(18.7)	(50,000)	Ton	(400)	(20,000,000)
	1967	(3,000)	(14.5)	(43,500)	Ton	(229)	(9,962,000)
Total, Fresh Tomatoes	1968	4,010	xx	76,900	Ton	xx	26,725,000
	1967	4,490	xx	66,100	Ton	xx	17,443,000
Tomatoes, Processing	1968	xx	xx	xx	xx	xx	xx
	1967	180	18.2	3,270	Ton	38.60	126,000
Misc. Vegetables	1968	510	xx	xx	xx	xx	673,000
Asparagus, Chayotes,	1967(a)	430	xx	xx	xx	xx	563,000
Cherry Tomatoes, Eggplant, Garlic, Gourds, Mushrooms, Ornamental Corn, Peas, Pumpkins, Sweet Potatoes							
TOTAL	1968	10,005	xx	xx	xx	xx	$35,885,600
	1967	11,940	xx	xx	xx	xx	27,876,800

(a) Revised to include Sweet Potatoes

NURSERY PRODUCTS AND MARKET FLOWERS: ACRES, SALES, AND VALUE

Item	Year	Acres	Quantity Sold	Unit	Total Value
Citrus & Subtropical Fruit Trees	1968	95	372,000	Plant	$ 1,070,000
	1967	70	460,000	Plant	1,113,000
Ornamental Trees & Shrubs	1968	260	2,915,000	Plant	2,704,000
	1967	210	1,713,000	Plant	1,507,000
Bedding Plants	1968	16	263,000	Flat	596,000
	1967	67	1,905,000	Flat	1,086,000
Herbaceous Perennials	1968	200	11,969,000	Plant	639,000
	1967	270	19,668,000	Plant	983,000
Indoor Decoratives	1968	20	2,366,000	Plant	1,417,000
	1967	18	2,111,000	Plant	1,267,000
Cactus & Succulents	1968	25	6,531,000	Plant	344,000
	1967	22	2,001,000	Plant	200,000
Bulbs, Corms, Rhizomes, Roots, Tubers	1968	xx	xx	xx	470,000
	1967	xx	xx	xx	310,000
SUBTOTAL, NURSERY STOCK	*1968*	*(616)*	*xxx*	*xxx*	*(7,240,000)*
	1967	*(657)*	*xxx*	*xxx*	*(6,466,000)*
Carnations	1968	xx	49,664,000	Bloom	3,087,000
	1967(a)	xx	49,072,000	Bloom	3,001,000
Gladiolus	1968	xx	2,542,000	Dozen)	2,395,000
	1967(a)	xx	2,674,000	Spikes)	1,999,000
All Other Flowers (Includes more than forty kinds of cut flowers and about fifteen kinds of potted flowers)	1968	xx	xx	xx	3,914,000
	1967(a)	xx	xx	xx	3,611,000
SUBTOTAL, CUT AND POTTED FLOWERS	*1968*	*xxx*	*xxx*	*xxx*	*(9,396,000)*
	1967(a)	*xxx*	*xxx*	*xxx*	*(8,611,000)*
TOTAL	1968	xx	xx	xx	$16,636,000
	1967(a)	xx	xx	xx	15,077,000

(a) Revised

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	PRODUCTION No. of Head	PRODUCTION Total Liveweight	Unit	VALUE Per Unit	VALUE Total
Cattle & Calves (a)	1968	36,000	245,000	Cwt.	$24.50	$ 6,002,000
	1967	45,200	379,000	Cwt.	21.50	8,148,000
Lambs	1968	5,000	5,400	Cwt.	26.00	140,000
	1967	5,500	5,240	Cwt.	22.20	116,000
Hogs & Pigs	1968	5,000	12,000	Cwt.	20.20	242,000
	1967	5,600	13,400	Cwt.	20.10	269,000
Chickens, Misc. Meat(b)	1968	3,025,000	12,100,000	Lb.	0.051	617,000
	1967	3,240,000	12,960,000	Lb.	0.033	428,000
Turkeys	1968	30,500	652,000	Lb.	0.20	130,000
	1967	182,000	3,895,000	Lb.	0.184	717,000
Misc. Poultry Chicks, Poults, Replacement Pullets	1968	xx	xx	xx	xx	1,086,000
	1967	xx	xx	xx	xx	1,360,000
Rabbits	1968	749,000	3,200,000	Lb.	0.28	896,000
	1967	748,000	3,366,000	Lb.	0.26	875,000
TOTAL	1968	xx	xx	xx	xx	$ 9,113,000
	1967	xx	xx	xx	xx	11,913,000

(a) Including dairy animals sold for slaughter
(b) Mostly hens culled from laying flocks

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Milk, Market	1968	2,929,000	Cwt.	$5.44	$15,933,000
	1967(a)	2,920,000	Cwt.	5.24	15,301,000
Milk, Manufacturing	1968	3,840	Cwt.	4.57	17,500
	1967(a)	3,340	Cwt.	3.99	13,300
Wool	1968	45,000	Lbs.	0.289	13,000
	1967	40,000	Lbs.	0.346	13,800
Eggs, Chicken, Market	1968	105,417,000	Doz.	0.247	26,038,000
	1967	103,500,000	Doz.	0.247	25,564,000
Misc. Products	1968	xx	xx	xx	354,000
TOTAL	1968	xx	xx	xx	$42,355,500
	1967(a)	xx	xx	xx	40,892,100

(a) Revised

APIARY PRODUCTS: PRODUCTION AND VALUE

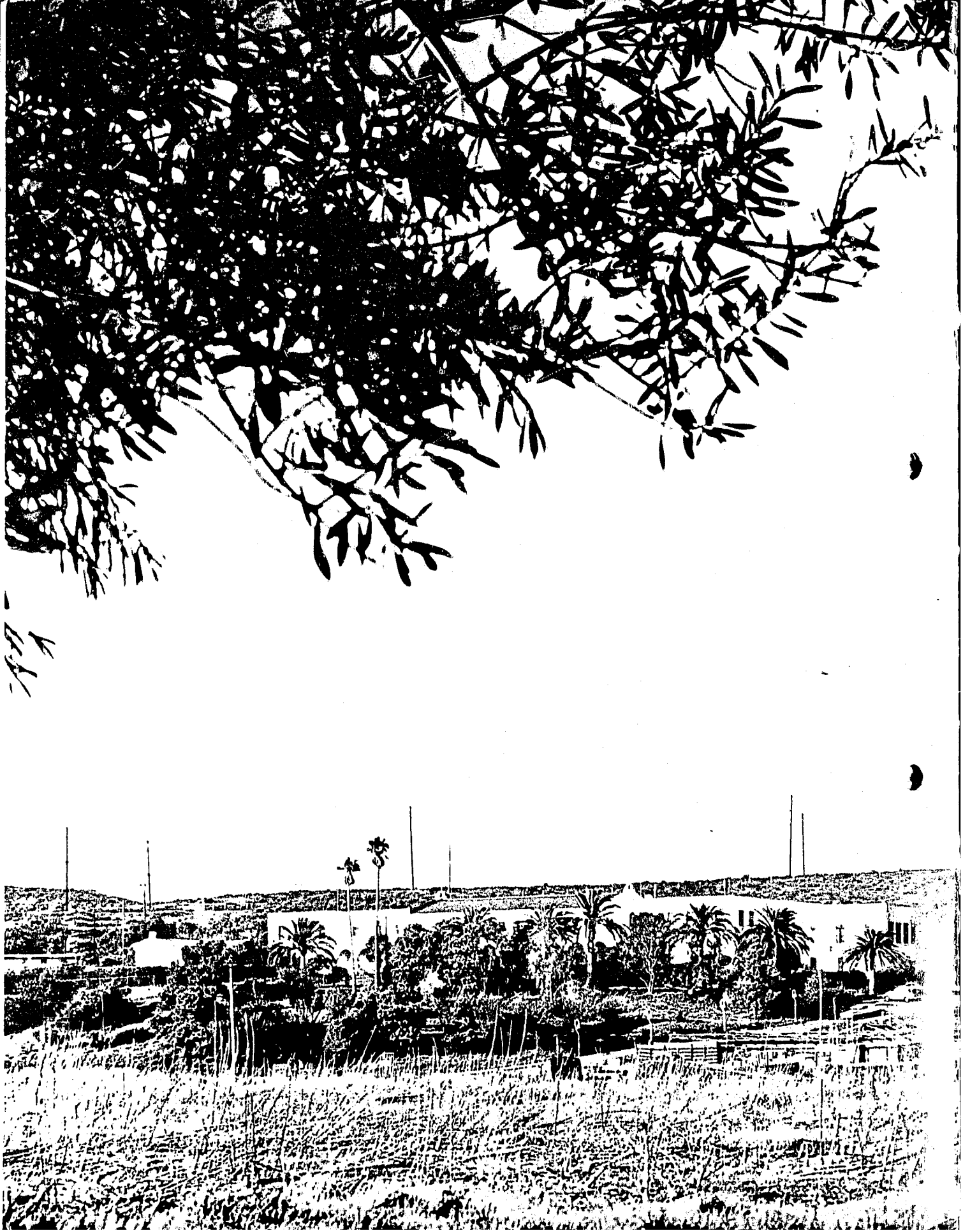
All apiary products Honey, Beeswax, Package Bees, Queen Bees	1968	$ 10,200
Honey, Beeswax	1967	287,300

SUMMARY

	1967	1968
Field Crops	$ 2,672,260	$ 1,942,700
Fruit and Nut Crops	26,750,400	23,890,500
Vegetable Crops	27,876,800	35,885,600
Nursery Products and Market Flowers	15,077,000(a)	16,636,000
Livestock and Poultry	11,913,000	9,113,000
Livestock and Poultry Products	40,892,100(a)	42,355,500
Apiary Products	287,300	10,200
TOTAL	$125,468,860(a)	$129,833,500

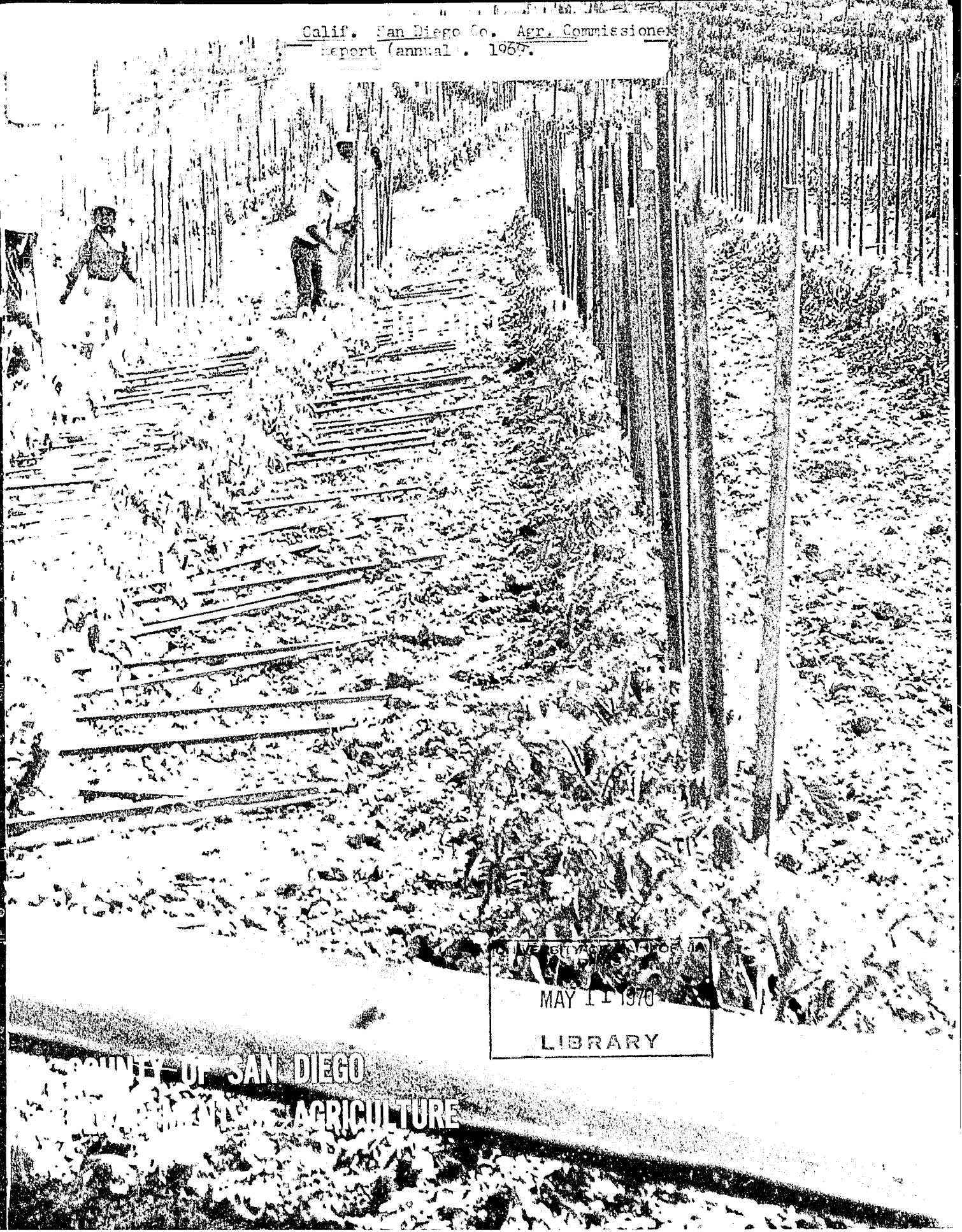
(a) Revised

3,000
4/1/69



1969

Calif. San Diego Co. Agr. Commissioner
Report (annual). 1969.



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COUNTY OF SAN DIEGO
DEPT. OF AGRICULTURE

COUNTY OF SAN DIEGO

* *

AGRICULTURAL COMMISSIONER
James M. Moon

5555 Overland Avenue, Building 3
San Diego, California 92123
Telephone 278-9200

* *

BOARD OF SUPERVISORS:

Henry A. Boney, District 2, Chairman

Jack Walsh, District 1

Harry F. Scheidle, District 3

De Graff Austin, District 4

Miles W. Kratka, District 5

* *

CHIEF ADMINISTRATIVE OFFICER:

F. J. Morey

* *

COVER: Setting poles for tomatoes. Fresh market tomatoes are the most important plant product of San Diego County. The 1969 crop value was the highest ever attained by this crop.

* *

SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE

To: Mr. Jerry W. Fielder, Director
California Department of Agriculture
and
The Honorable Board of Supervisors
County of San Diego

Submitted herewith is the report of acreage, yield, and value of agricultural production in San Diego County for 1969, as required by Section 2279 of the California Agricultural Code.

The total value of this production was $146,465,400, by far the highest in County history, exceeding the previous high (in 1966) by $12.5 million.

The values shown in this report represent gross values of agricultural production, whether the products were sold or used on the farm where grown. Fruit, vegetable, and cut flower values were computed on the basis of the packed price, f.o.b. shipping point. On other commodities, the prices were based on the most common method of sale.

IT IS IMPORTANT TO REMEMBER THAT THE PRICES QUOTED IN THIS PUBLICATION HAVE NO DIRECT RELATION TO PRODUCTION COSTS, WHICH HAVE BEEN INCREASING STEADILY, AND GIVE NO INDICATION OF THE INDIVIDUAL GROWER'S PROFIT OR LOSS ON HIS CROP.

Eggs and tomatoes were again our two most important products, and both made record total values this year. After two years of producing eggs at a cost greater than the average return per dozen, egg ranchers produced more eggs than ever before marketed from San Diego County at an average price exceeded only twice in the last ten years. Unfavorable conditions in other parts of the country were the major factor in this more favorable price structure.

Total tonnage of tomatoes has been greater in some years, but this season's $30 million value is nearly $2 million higher than the previous record eleven years ago. For once all things combined -- weather, labor, and market conditions -- to make this a favorable year for tomato production.

Third in importance is milk production. Over the last ten years, production has varied only slightly. The number of individual dairies has been declining, but the number of dairy cows has declined at a lesser rate -- we have fewer but larger dairies. The price of milk is set by the State Bureau of Milk Stabilization, and appears to be little affected by supply and demand. San Diego County imports about a third of the milk used here, and we produce no butter or cheese.

Flower production increased substantially in 1969, and we expect that the number of blooms produced will continue to increase gradually. However, prices are quite variable in the cut flower market, and total values are likely to reflect this condition more than the volume of flowers produced. Nursery stock sales were down slightly, but indications for 1970 give us reason to believe they are on the upgrade again.

Avocados were expected to produce their largest crop in history, and so much fruit was being harvested that prices fell to a disastrous 8¢ to 9¢ a pound less than three months after the beginning of the harvest season. Then came the freeze. After the frost-damaged fruit was cleared away, we still ended up with the third largest crop in history, but prices rose to a more respectable level. This is no

consolation to the farmer who lost his trees and crop, nor to those whose trees have still not recovered completely.

Citrus prices were very low, well below the State average, in 1969. Lemons were the only exception. The freezing weather in December, 1968, lowered quality of the fruit. The low prices may also reflect the fact that new groves all over the country are coming into production, yielding more fruit than the market can absorb easily.

Livestock and livestock products in most cases showed a considerable decline. However, prices were enough higher to bring total values up by $400,000. The only exceptions to this decline were meat rabbits which increased slightly in numbers but not in value; and eggs, which have already been discussed. We expect that our livestock industry will continue its slow decline.

Honey and beeswax, once major crops in the County, achieved a total nearly double the highest figure attained in the last twenty years. Weather conditions which were hard on many crops brought forth a lush growth of native plants. The bees, therefore, were able to gather a real bumper crop of honey.

Compilation of these annual statistical reports is an important cooperative service performed by the State and County Departments of Agriculture for the general public, not only for farmers and those who work with them. The reports are used by financial institutions, research organizations, planners, and businesses of all kinds. Every effort is made to see that they are as complete and accurate as possible. It is sometimes necessary to use incomplete or estimated figures, as the reports are prepared as soon as possible after the end of the year. If significant changes in 1968 final figures were noted, adjustments have been made to provide a better comparison between the 1968 and 1969 production.

Many organizations and individuals have contributed information for this report. I wish to express my appreciation to them, as well as to the members of our Department of Agriculture who assisted in gathering the data needed. The report was compiled by Roy M. Kepner, Jr., Specialist for Natural Resources and Statistics, and Barbara E. Biewener, Senior Stenographer.

Respectfully submitted,

James M. Moon

AGRICULTURAL COMMISSIONER

MOST IMPORTANT COMMODITIES, 1969

Eggs	$34,724,000	Gladiolus	$ 2,466,000
Tomatoes	30,087,000	Oranges	2,384,000
Market Milk	16,118,000	Lemons	2,164,000
Avocados	15,372,000	Celery	1,788,000
Cattle & Calves	6,331,000	Potatoes	1,211,000
Carnations	4,782,000	Cucumbers	1,165,000
Strawberries	3,042,000		

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Barley	1969	7,530	0.9	6,780	Ton	$ 50	$ 339,000
	1968	12,900	0.9	11,600	Ton	50	580,000
Beans, Dry Edible Lima, Garbanzo, Blackeye	1969	1,780	0.7	1,250	Ton	155	194,000
	1968	1,960	0.45	880	Ton	360	317,000
Green Chop	1969	1,470	13.0	19,100	Ton	8	153,000
	1968	1,130	16.0	18,100	Ton	8	145,000
Hay, Alfalfa	1969	335	4.0	1,340	Ton	29	38,900
	1968	430	4.0	1,720	Ton	30	51,600
Hay, Grain	1969	8,840	1.2	10,600	Ton	33	350,000
	1968	6,880	1.2	8,260	Ton	35	289,000
Pasture & Range, Irrigated	1969	1,680	xx	xx	Acre	80	134,000
	1968	2,200	xx	xx	Acre	85	187,000
Other	1969	420,000	xx	xx	Acre	0.60	252,000
	1968	390,000	xx	xx	Acre	0.60	234,000
Silage Corn	1969	205	25.0	5,120	Ton	11	56,300
	1968	260	24.6	6,400	Ton	11	70,400
Misc. Field Crops	1969	1,520	xx	xx	xx	xx	79,100
Barley & Oats for pasture, Cotton & Cottonseed, Milo, Oats, Rye, Sorghum, Wheat, Wheat Grass	1968	2,400	xx	xx	xx	xx	68,700
TOTAL	1969	443,360	xx	xx	xx	xx	$ 1,596,300
	1968	418,160	xx	xx	xx	xx	1,942,700

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Apples, Fresh	1969	305	2.8 (a)	600	Ton	$150	$ 90,000
	1968	305	2.20(a)	470	Ton	170	80,000
Cider	1969	xx	xx	250	Ton	60	15,000
	1968	xx	xx	200	Ton	125	25,000
Non-bearing Acres	1969	(55)					
	1968	(55)					
Avocados	1969	10,375(b)	3.2	33,200	Ton	463	15,372,000
	1968	11,350	1.7	19,300	Ton	485	9,360,000
Non-bearing Acres	1969	(2,135)(b)					
	1968	(1,500)					

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
CITRUS FRUITS							
Grapefruit,	1969	150(b)	12.0(a)	1,660	Ton	$ 83	$ 138,000
Fresh Market	1968	150	10.0(a)	945	Ton	132	125,000
By-product	1969	xx	xx	145	Ton	30	4,350
	1968	xx	xx	555	Ton	30	16,600
Non-bearing acres	1969	(380)(b)					
	1968	(215)					
Lemons,	1969	1,655(b)	10.6(a)	7,900	Ton	225	1,778,000
Fresh Market	1968	2,055	15.4(a)	17,700	Ton	218	3,859,000
By-product	1969	xx	xx	9,640	Ton	40	386,000
	1968	xx	xx	13,900	Ton	54	751,000
Non-bearing acres	1969	(575)(b)					
	1968	(325)					
Limes,	1969	235(b)	6.5(a)	1,230	Ton	170	209,000
Fresh Market	1968	280	10.0(a)	2,400	Ton	144	346,000
By-product	1969	xx	xx	300	Ton	45	13,500
	1968	xx	xx	400	Ton	80	32,000
Non-bearing acres	1969	(75)(b)					
	1968	(50)					
Oranges, Navels &	1969	1,015(b)	11.0(a)	6,700	Ton	66	442,000
Misc., Fresh Market	1968	700	7.3(a)	4,300	Ton	260	1,118,000
By-product	1969	xx	xx	4,500	Ton	30	135,000
	1968	xx	xx	800	Ton	36	28,800
Non-bearing acres	1969	(940)(b)					
	1968	(800)					
Oranges, Valencia	1969	5,745(b)	7.4(a)	21,260	Ton	55	1,169,000
Fresh Market	1968	5,140	5.9(a)	24,200	Ton	204	4,937,000
By-product	1969	xx	xx	21,250	Ton	30	638,000
	1968	xx	xx	6,100	Ton	52	317,000
Non-bearing acres	1969	(3,725)(b)					
	1968	(4,700)					
Tangerines,	1969	275(b)	1.25(a)	285	Ton	120	34,200
Fresh Market	1968	275	2.11(a)	495	Ton	210	104,000
By-product	1969	xx	xx	60	Ton	24	1,440
	1968	xx	xx	85	Ton	26	2,200
Non-bearing acres	1969	(35)(b)					
	1968	(100)					
TOTAL CITRUS	*1969*	*(9,075)*	*xxx*	*xxx*	*xxx*	*xxx*	*(4,948,490)*
	1968	*(8,600)*	*xxx*	*xxx*	*xxx*	*xxx*	*(11,636,600)*

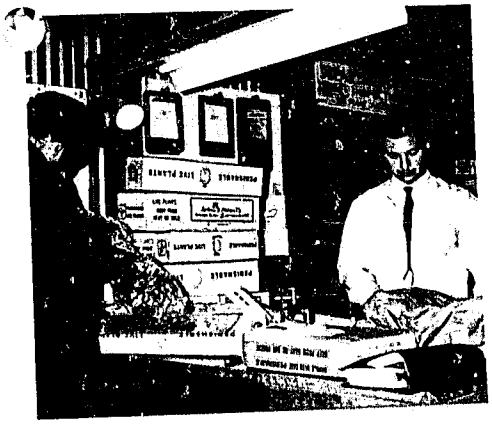
Functions of the
SAN DIEGO COUNTY DEPARTMENT OF AGRICULTURE

Section 19.5 of the California Agricultural Code declares that the provisions of the Code are enacted . . . "for the purposes of promoting and protecting the agricultural industry of the State and for the protection of the public health, safety and welfare."

The San Diego County Department of Agriculture is responsible for upholding and enforcing the Code in this county, and for carrying out additional directives of the Board of Supervisors.

The interests of the public and of the agricultural industry are intermingled to a high degree. Whatever we do to promote and protect the agricultural industry has an effect on the general public, and vice versa. In order to serve both the industry and the users of its products to the benefit of both, we have redirected our activities to emphasize the functions which will best accomplish this aim.

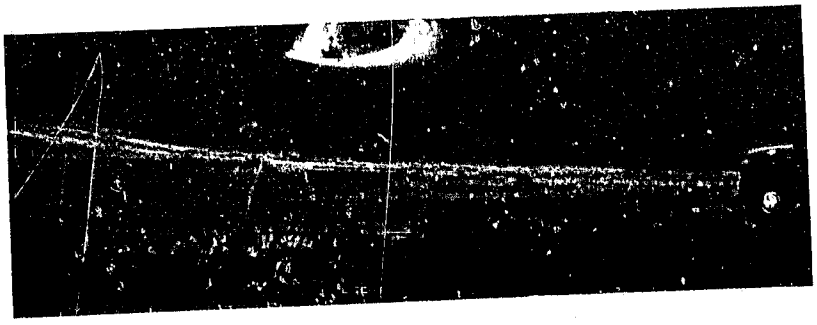
FIRST PRIORITY -- Pest exclusion, prevention, detection, and eradication

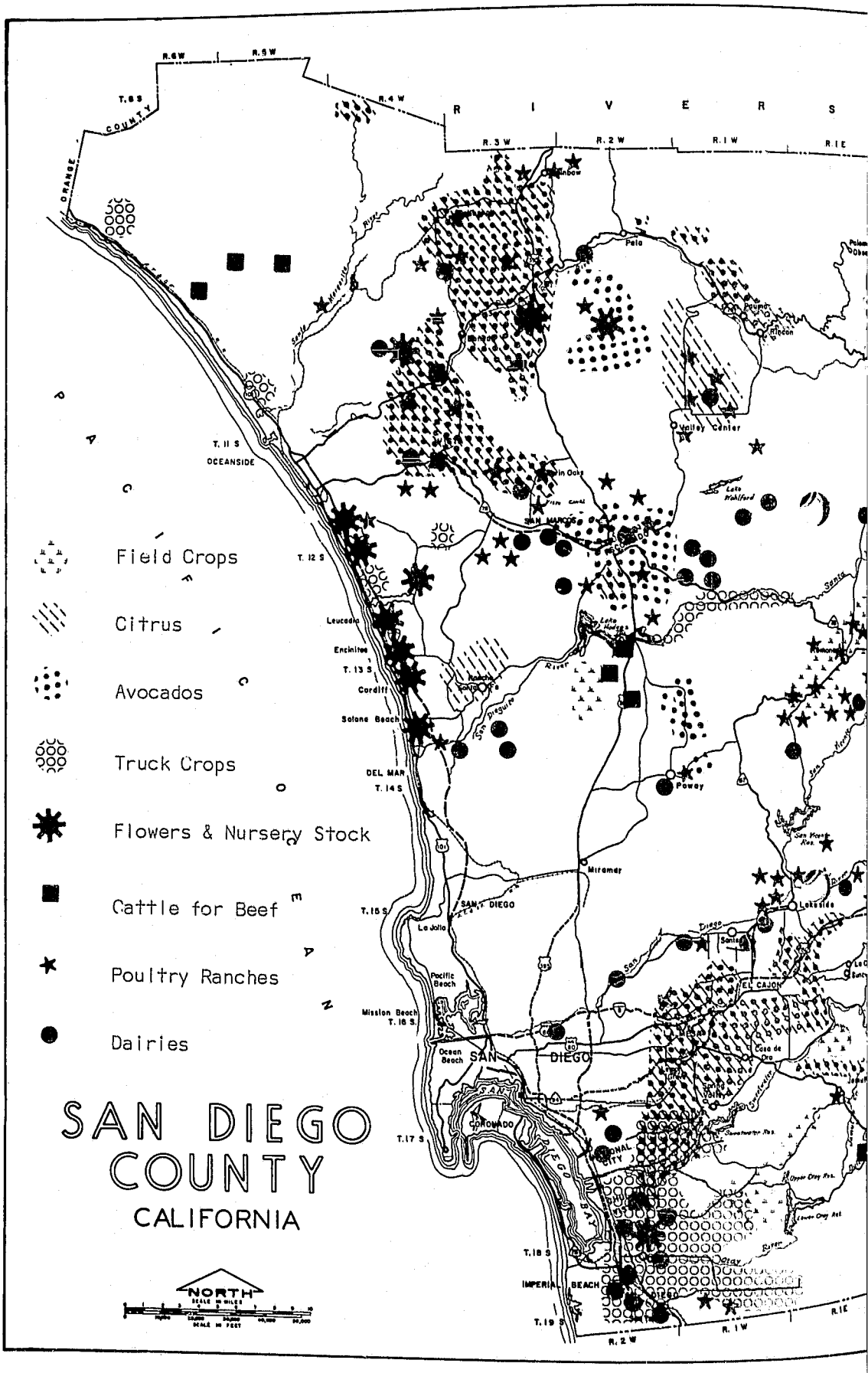


Plant products are inspected on arrival in the County to prevent introduction of new pests or diseases. The Plant Pathologist makes tests to detect diseases or microscopic pests. Nurseries are inspected to see that the plants they sell are pest- and disease-free and correctly labeled.

SECOND PRIORITY -- Environment protection

We enforce stringent regulations on pesticide use.




Field Crops
Citrus
Avocados
Truck Crops
Flowers & Nursery Stock
Cattle for Beef
Poultry Ranches
Dairies
SAN DIEGO COUNTY
CALIFORNIA
NORTH
SCALE IN MILES
SCALE IN FEET
R I V E R S
R.6W
R.5W
R.4W
R.3W
R.2W
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T.8S
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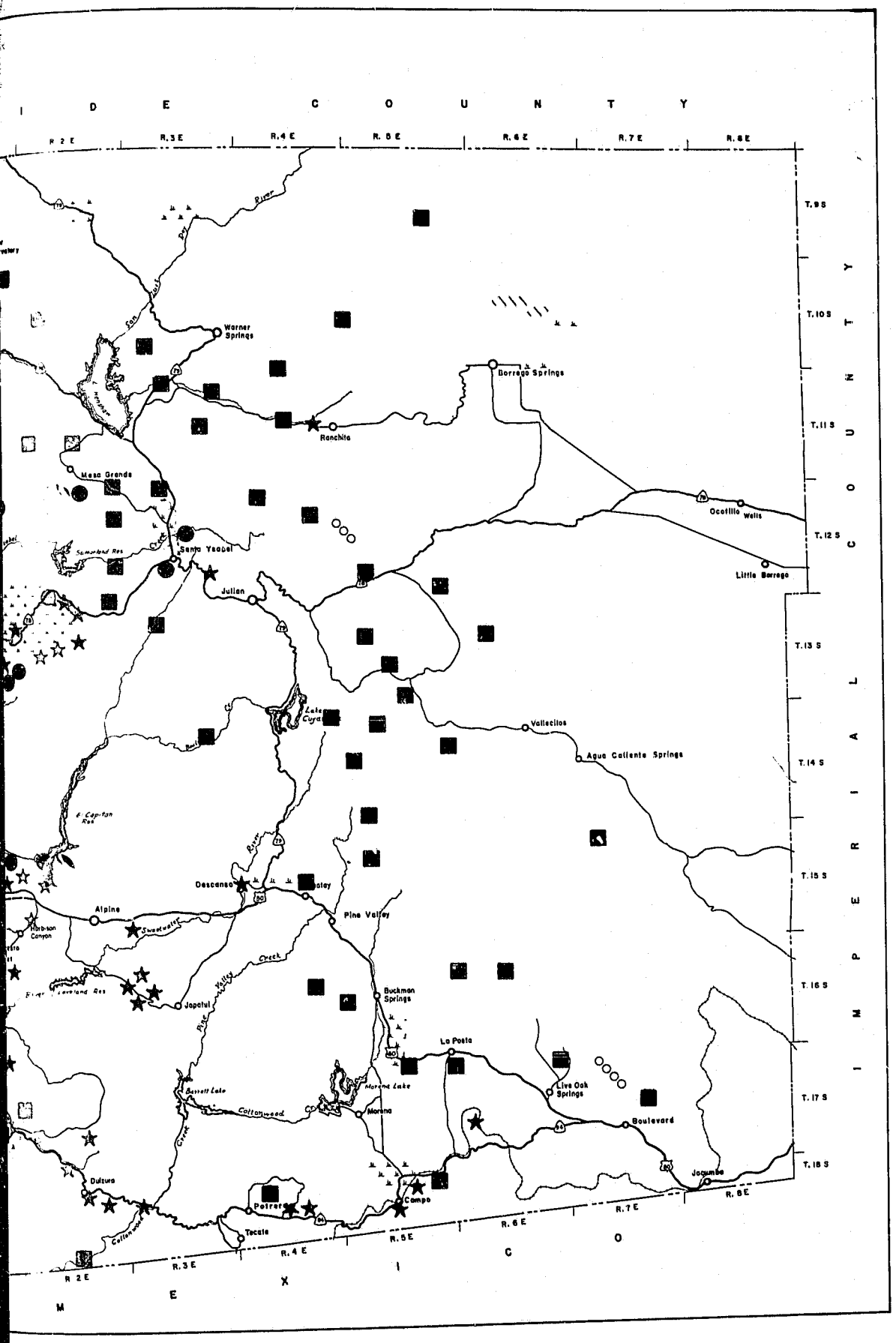
ORANGE COUNTY
OCEANSIDE
Leucadia
Encinitas
Cardiff
Solana Beach
DEL MAR
La Jolla
SAN DIEGO
Pacific Beach
Mission Beach
Ocean Beach
CORONADO
IMPERIAL BEACH
Rainbow
Pala
Valley Center
Escondido
Lake Wohlford
Lake Hodges
Poway
Miramar
Lakeside
Santee
EL CAJON
Casa de Oro
NATIONAL CITY
Otay River
San Dieguito River
San Luis Rey River
Santa Ysabel Creek
Sweetwater Res.
Upper Otay Res.
Lower Otay Res.
San Vicente Res.
Lake Henshaw
Pacific Ocean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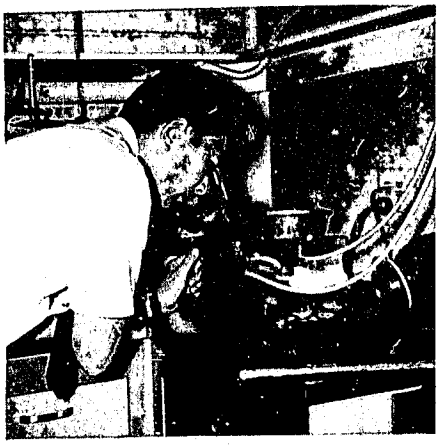
I M P E R I A L C O U N T Y
Warner Springs
Borrego Springs
Ranchita
Mesa Grande
Santa Ysabel
Julian
Ocotillo Wells
Little Borrego
Vallecitos
Agua Caliente Springs
Descanso
Alpine
Pine Valley
Japatul
Buckman Springs
La Posta
Live Oak Springs
Boulevard
Jacumba
Moreno
Campo
Potrero
Tecate
Dulzura
Barrett Lake
Morena Lake
Cottonwood Creek
Pine Valley Creek
Sweetwater
Harbison Canyon
Lake Cuyamaca
El Capitan Res
Sweetwater Res
Lake Loveland Res
Dry Lake
San Felipe Creek
Hellhole Canyon
M E X I C O

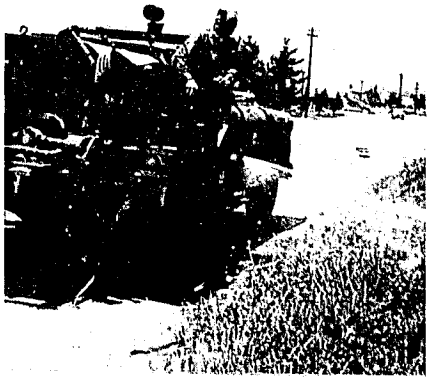
THIRD PRIORITY -- Consumer protection

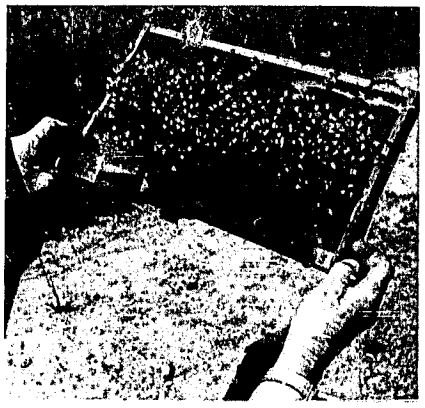


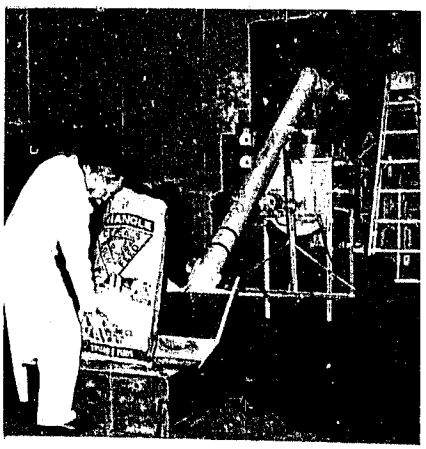
Fruit, produce, eggs, and other commodities are inspected at both wholesale and retail levels to see that they meet quality standards set by State law. Tests are made of avocados, oranges, and some other commodities to see that they meet maturity standards.

FOURTH PRIORITY -- General services

A few of the services provided by the Department include apiary inspection to prevent spread of serious bee diseases; preparation and sale of poison bait for rodent control; field and orchard inspection to find incipient insect or disease infestations and recommend controls before serious problems develop; control of noxious weeds.







FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Grapes, Table Varieties	1969	60	0.9	55	Ton	$230	$ 12,600
	1968	90	xx	xx	xx	xx	61,000
Wine Varieties	1969	230	1.5	345	Ton	120	41,400
	1968	260	1.4	365	Ton	93	33,900
Strawberries	1969	520	15.0	7,800	Ton	390	3,042,000
	1968	360	17.0	6,120	Ton	420	2,570,000
Misc. Fruits & Nuts	1969	620(b)	xx	xx	xx	xx	316,000
Bushberries, Carob, Cherimoya, Fig, Loquat, Macadamia Nut, Peach, Pear, Persimmon, Plum, Pomegranate, Sapote, Walnut	1968	700	xx	xx	xx	xx	124,000
Non-bearing Acres	1969	(200)(b)					
	1968	(200)					
TOTAL	1969	21,185	xx	xx	xx	xx	$23,837,490
	1968	21,665	xx	xx	xx	xx	23,890,500
Total Non-bearing Acres	1969	(8,120)					
	1968	(7,945)					

(a) Yield per acre includes both fresh and by-product use
(b) Acreage from 1969 Fruit and Nut Tree Survey by California Crop & Livestock Reporting Service

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Beans, Snap	1969	460	3.9	1,780	Ton	$237	$ 422,000
	1968	640	3.4	2,180	Ton	335	730,000
Bunch Vegetables	1969	200	xx	xx	xx	xx	237,000
Beets, Mustard Greens, Onions, Parsley, Radishes, Spinach, Turnips, Watercress	1968	205	xx	xx	xx	xx	225,000
Cabbage	1969	700	14.0	9,800	Ton	63	617,000
	1968	800	15.7	12,600	Ton	60	756,000
Cauliflower	1969	210	8.2	1,720	Ton	207	356,000
	1968	100	9.4	940	Ton	70	65,800
Celery	1969	940	28.0	26,300	Ton	68	1,788,000
	1968	920	30.0	27,600	Ton	95	2,622,000
Corn, Sweet	1969	225	4.1	925	Ton	115	106,000
	1968	190	4.9	930	Ton	110	102,000

VEGETABLE CROPS, CONTINUED

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Cucumbers	1969	350	16.0	5,600	Ton	$208	$ 1,165,000
	1968	325	17.4	5,650	Ton	260	1,469,000
Lettuce, Head	1969	165	13.0	2,150	Ton	140	301,000
	1968	215	7.2	1,550	Ton	70	108,000
Melons, Watermelon	1969	7	5.7	40	Ton	70	2,800
	1968	55	8.0	440	Ton	45	19,800
Peppers, Bell	1969	265	7.1	1,880	Ton	286	538,000
	1968	710	3.7	2,650	Ton	280	736,000
Peppers, Chili, Green	1969	50	6.1	305	Ton	500	152,000
	1968	130	5.8	750	Ton	360	270,000
Potatoes	1969	1,080	16.0	17,300	Ton	70	1,211,000
	1968	650	12.0	7,800	Ton	54	421,000
Romaine	1969	225	13.8	3,100	Ton	90	279,000
	1968	135	12.5	1,690	Ton	65	110,000
Squash	1969	460	8.6	3,960	Ton	223	883,000
	1968	410	8.5	3,480	Ton	245	853,000
Tomatoes, Fresh Market							
Spring	1969	*(1,400)*	*(25.4)*	*(35,600)*	*Ton*	*(226)*	*(8,046,000)*
	1968	*(1,340)*	*(20.1)*	*(26,900)*	*Ton*	*(250)*	*(6,725,000)*
Fall	1969	*(2,600)*	*(22.2)*	*(57,700)*	*Ton*	*(382)*	*(22,041,000)*
	1968	*(2,670)*	*(18.7)*	*(50,000)*	*Ton*	*(400)*	*(20,000,000)*
Total, Fresh Tomatoes	1969	4,000	xx	xx	xx	xx	30,087,000
	1968	4,010	xx	xx	xx	xx	26,725,000
Misc. Vegetables	1969	620	xx	xx	xx	xx	588,000
Asparagus, Cantaloup, Cherry Tomatoes, Eggplant, Garlic, Gourds, Mushrooms, Ornamental Corn, Peas, Pumpkins, Sweet Potatoes, Yellow Chili Peppers	1968	510	xx	xx	xx	xx	673,000
TOTAL	1969	9,957	xx	xx	xx	xx	$38,732,800
	1968	10,005	xx	xx	xx	xx	35,885,600

NURSERY PRODUCTS AND MARKET FLOWERS: ACRES, SALES, AND VALUE

Item	Year	Acres	Quantity Sold	Unit	Total Value
Citrus & Subtropical Fruit Trees	1969	65	302,000	Plant	$ 846,000
	1968	95	372,000	Plant	1,070,000
Ornamental Trees & Shrubs	1969	250	4,418,000	Plant	2,668,000
	1968	260	2,915,000	Plant	2,704,000
Bedding Plants	1969	15	1,438,000	Flat	764,000
	1968	16	263,000	Flat	596,000
Herbaceous Perennials	1969	160	4,146,000	Plant	246,000
	1968	200	11,969,000	Plant	639,000
Cactus & Succulents	1969	30	6,722,000	Plant	606,000
	1968	25	6,531,000	Plant	344,000
Bulbs, Corms, Rhizomes, Roots, Tubers	1969	xx	xx	xx	686,000
	1968	xx	xx	xx	470,000
SUBTOTAL, NURSERY STOCK	*1969*	*(520)*	*xxx*	*xxx*	*(5,816,000)*
	1968(a)	*(616)*	*xxx*	*xxx*	*(5,823,000)*
Carnations	1969	xx	72,787,000	Bloom	4,782,000
	1968	xx	49,664,000	Bloom	3,087,000
Gladiolus	1969	xx	2,610,000	(Dozen	2,466,000
	1968	xx	2,542,000	(Spikes	2,395,000
All Other (Includes more than forty kinds of cut flowers, about fifteen kinds of potted flowers, and foliage plants.)	1969	xx	xx	xx	7,708,000
	1968(a)	xx	xx	xx	5,459,000
SUBTOTAL, CUT FLOWERS AND POTTED PLANTS	*1969*	*xxx*	*xxx*	*xxx*	*(14,956,000)*
	1968(a)	*xxx*	*xxx*	*xxx*	*(10,941,000)*
TOTAL	1969	xx	xx	xx	$20,772,000
	1968	xx	xx	xx	16,764,000

(a) Revised

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	PRODUCTION No. of Head	PRODUCTION Total Liveweight	Unit	VALUE Per Unit	VALUE Total
Cattle & Calves (a)	1969	34,000	238,000	Cwt.	$26.60	$ 6,331,000
	1968	36,000	245,000	Cwt.	24.50	6,002,000
Lambs	1969	1,040	1,150	Cwt.	27.00	31,000
	1968	5,000	5,400	Cwt.	26.00	140,000
Hogs & Pigs	1969	12,680	15,200	Cwt.	22.80	347,000
	1968(b)	14,000	16,800	Cwt.	20.20	339,000
Chickens, Misc. Meat (c)	1969	2,583,000	10,332,000	Lb.	0.08	827,000
	1968	3,025,000	12,100,000	Lb.	0.051	617,000
Turkeys	1969	7,500	226,000	Lb.	0.25	56,500
	1968	30,500	652,000	Lb.	0.20	130,000
Misc. Poultry Chicks, Poults, Replacement Pullets	1969	xx	xx	xx	xx	1,121,000
	1968	xx	xx	xx	xx	1,086,000
Rabbits	1969	753,000	3,201,000	Lb.	0.28	896,000
	1968	749,000	3,200,000	Lb.	0.28	896,000
TOTAL	1969	xx	xx	xx	xx	$ 9,609,500
	1968(b)	xx	xx	xx	xx	9,210,000

(a) Including dairy animals sold for slaughter
(b) Revised
(c) Mostly hens culled from laying flocks

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Milk, Market	1969	2,873,000	Cwt.	$5.61	$16,118,000
	1968(a)	2,929,000	Cwt.	5.44	15,934,000
Milk, Manufacturing	1969	1,050	Cwt.	4.18	4,390
	1968(a)	3,580	Cwt.	4.54	16,300
Wool	1969	6,400	Lb.	0.30	1,920
	1968	45,000	Lb.	0.289	13,000
Eggs, Chicken, Market	1969	109,538,000	Doz.	0.317	34,724,000
	1968	105,417,000	Doz.	0.247	26,038,000
Misc. Products	1969	xx	xx	xx	410,000
	1968	xx	xx	xx	354,000
TOTAL	1969	xx	xx	xx	$51,258,310
	1968(a)	xx	xx	xx	42,355,300

(a) Revised

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Honey	1969	4,140,000	Lb.	$0.15	$ 621,000
Beeswax	1969	69,000	Lb.	0.55	38,000
TOTAL	1969	xx	xx	xx	$ 659,000
	1968(a)	xx	xx	xx	10,200

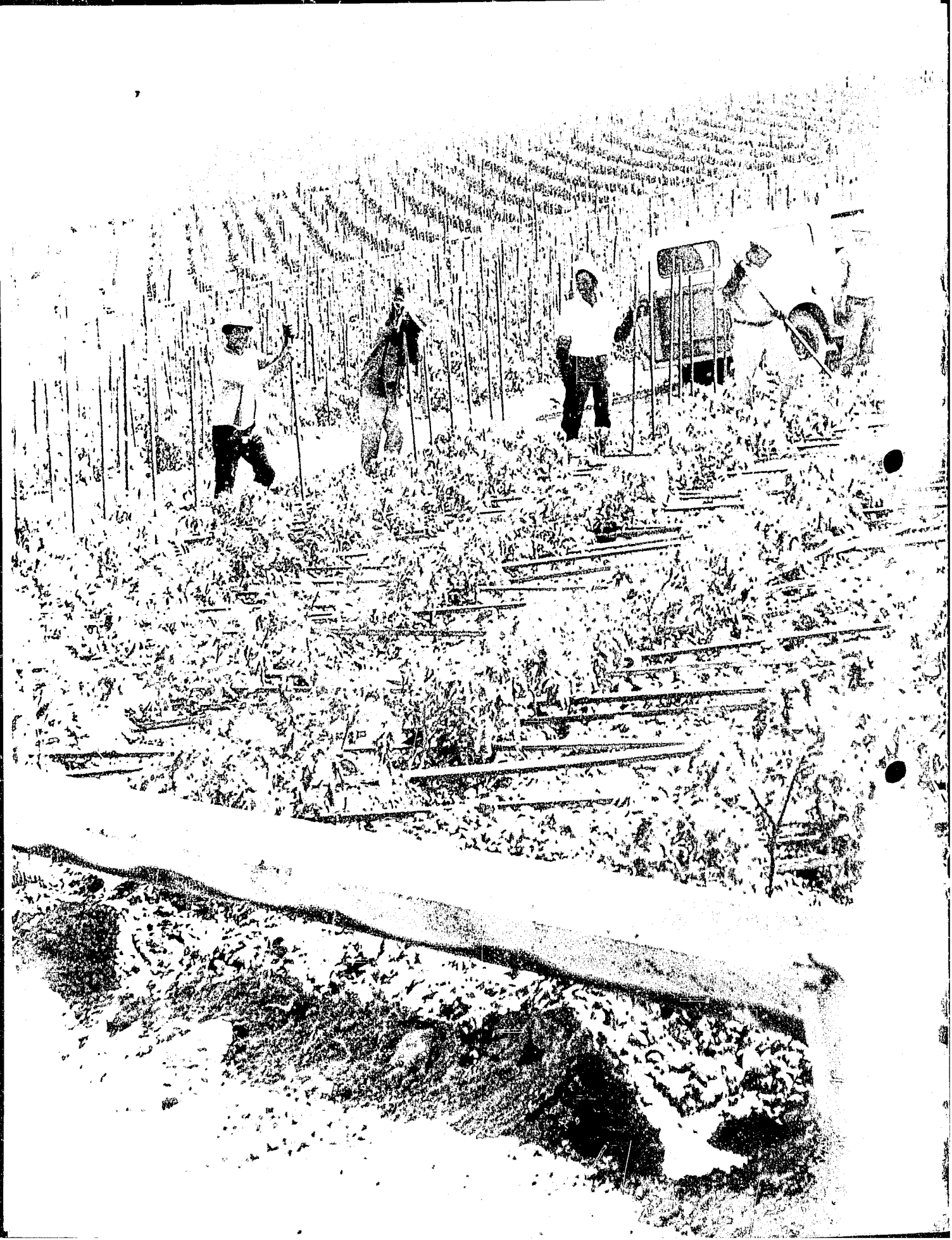
(a) Combined to avoid disclosure of individual operations.
Total includes sales of honey, beeswax, package bees and queen bees.

SUMMARY

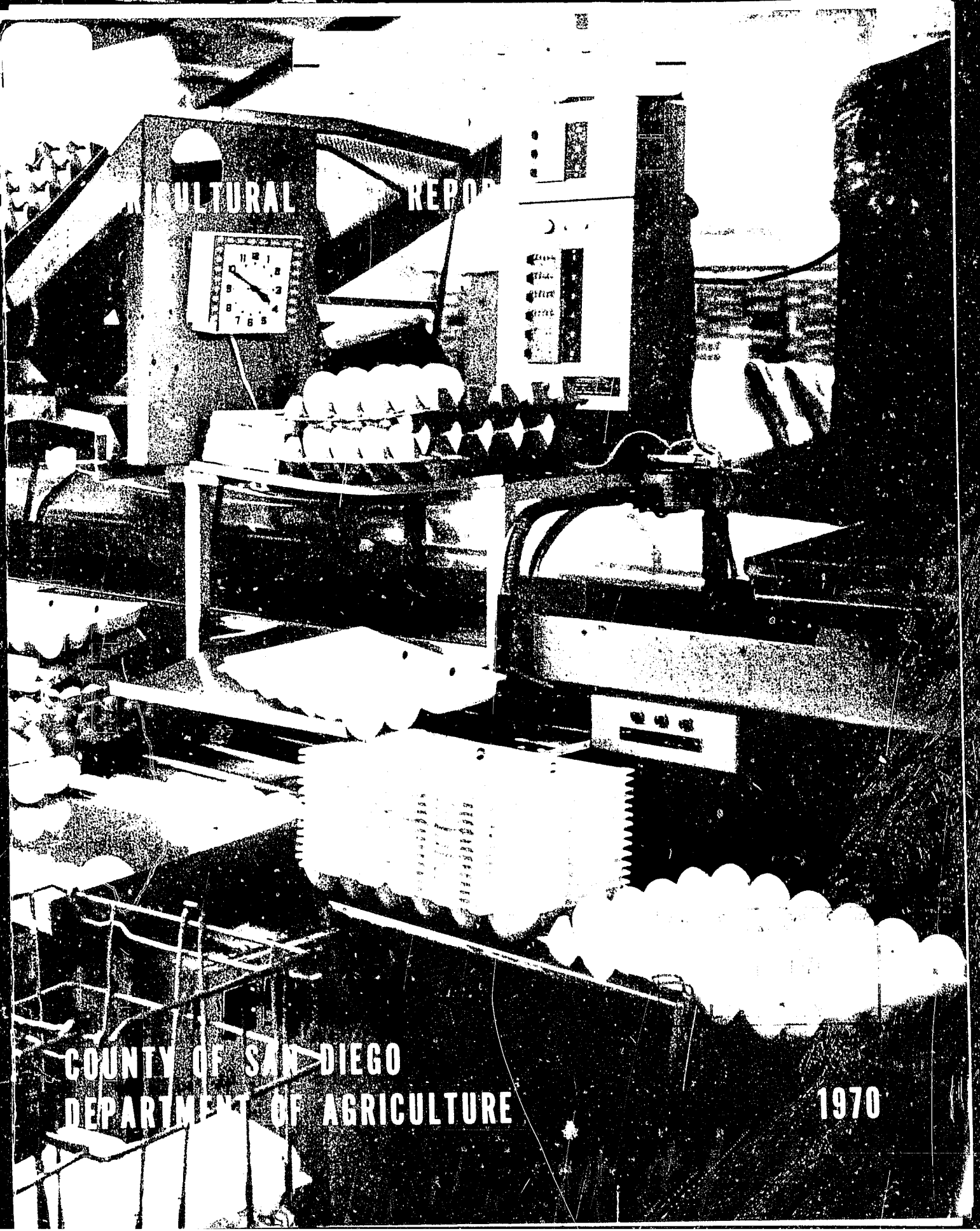
	1968	1969
Field Crops	$ 1,942,700	$ 1,596,300
Fruit and Nut Crops	23,890,500	23,837,490
Vegetable Crops	35,885,600	38,732,800
Nursery Products and Market Flowers	16,764,000(a)	20,772,000
Livestock and Poultry	9,210,000(a)	9,609,500
Livestock and Poultry Products	42,355,300(a)	51,258,310
Apiary Products	10,200	659,000
TOTAL	$129,961,300(a)	$146,465,400

(a) Revised

2000
4/1/70



1970



ANNUAL AGRICULTURAL REPORT

COUNTY OF SAN DIEGO
DEPARTMENT OF AGRICULTURE

1970

COUNTY OF SAN DIEGO

* *

AGRICULTURAL COMMISSIONER
James M. Moon

5555 Overland Avenue, Building 3
San Diego, California 92123
Telephone 278-9200

* *

BOARD OF SUPERVISORS:

William A. Craven, District 5, Chairman

Jack Walsh, District 1

Henry A. Boney, District 2

Harry F. Scheidle, District 3

Jim Bear, District 4

* *

CHIEF ADMINISTRATIVE OFFICER

F. J. Morey

* *

COVER: Packing eggs in one of San Diego County's largest packing plants. The County ranks among the top three egg-producing counties in the United States.

* *

SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE

To: Mr. Jerry W. Fielder, Director
California Department of Agriculture
and
The Honorable Board of Supervisors
County of San Diego

Submitted herewith is the report of acreage, yield, and value of agricultural production in San Diego County for 1970, as required by Section 2279 of the California Agricultural Code.

The total value of this production was $143,055,700, a drop of only $3.5 million from 1969's record total.

The values shown in this report represent gross values for agricultural products, whether they were sold or used on the farm where grown. Fruit, vegetable, and cut flower values were computed on the basis of the packed price, f.o.b. shippint point. On other commodities, the prices were based on the most common method of sale.

IT IS IMPORTANT TO REMEMBER THAT THE PRICES QUOTED IN THIS PUBLICATION HAVE NO DIRECT RELATION TO PRODUCTION COSTS, WHICH HAVE BEEN INCREASING STEADILY, AND GIVE NO INDICATION OF THE INDIVIDUAL GROWER'S PROFIT OR LOSS ON HIS CROP. THE NUMBER ONE PROBLEM IN UNITED STATES AGRICULTURE TODAY IS DECLINING NET FARM INCOME.

Eggs were by far our most important commodity in 1970, exceeding tomato production by $15.4 million. Tomato acreage was greater than in 1969, but climatic factors caused lower yields and led to marketing problems and lower prices, particularly for the fall crop. Milk, again, was third in importance.

Dollar value alone does not give a true picture of the part agriculture plays in San Diego County. It reflects the economic impact of the industry on the community, but the number of acres utilized for agricultural purposes should be considered as well. For this reason, our Summary on page 9 will include total acreage devoted to various crops, as well as the total value of these crops. Not included is acreage in dairies, poultry farms, flower hothouses, or noncultivated pasture and rangeland.

On page 2 is a summary of crop acreage for 1950, 1960, and 1970. Although the total acreage in 1970 is about half that of 1950, the losses have been in those crops grown without irrigation--grain, hay, and deciduous fruits. As more water became available, cropland has been devoted increasingly to high-yield, high-value crops such as tomatoes, avocados, and flowers. As the acreage farmed decreased, the dollar value of production has increased, along with the costs of production.

It is cheaper today to buy hay and grain from other areas than it is to raise them in San Diego County. This is the major factor in decreasing production, although rainfall will have a definite effect on year-to-year fluctuations. Rainfall and costs of production are also responsible for declines in acreage of deciduous crops. Urbanization can be blamed for some of the decline in vegetable and fruit acreages. However, while some citrus and avocado groves have been lost, new groves are being planted in outlying areas.

Compilation of these annual statistical reports is an important cooperative service performed by the State and County Departments of Agriculture for the general public, not only for farmers and those who work with them. The reports are used by financial institutions, research organizations, planners, students, and businesses of all kinds. Every effort is made to see that they are as complete and accurate as possible. It is sometimes necessary to use imcomplete or estimated figures, as the reports are prepared so soon after the end of the year. If significant changes in 1969 final figures were noted, adjustments have been made.

Many organizations and individuals have contributed information for this report. I wish to express my appreciation to them, as well as to the members of the Department of Agriculture who assisted in gathering the data needed. The report was compiled by Roy M. Kepner, Jr., Specialist for Natural Resources and Statistics, and Barbara E. Biewener, Senior Stenographer.

Respectfully submitted,

James M. Moon

James M. Moon
AGRICULTURAL COMMISSIONER

MOST IMPORTANT COMMODITIES, 1970

Eggs	$34,506,000	Lemons	$ 4,472,000
Tomatoes	19,092,000	Strawberries	3,784,000
Milk	17,276,000	Gladiolus	2,120,000
Avocados	11,120,000	Celery	2,049,000
Beef Cattle	7,784,000	Potatoes	1,995,000
Oranges	5,354,000	Cucumbers	1,034,000
Carnations	4,967,000		

COMPARATIVE ACREAGES

Field Crops	73,000	33,500	23,400
Fruits & Nuts: Bearing	27,000	25,900	21,200
Nonbearing	6,500	6,700(a)	7,900
Vegetables	12,800	14,800	9,600
Flowers & Nursery Stock	1,065	550	475(b)
TOTAL	120,365	81,450	62,575

(a) Estimated
(b) Nursery stock only; flower acreage not reported

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Barley	1970	6,700	0.6	4,020	Ton	$ 50	$ 201,000
	1969	7,530	0.9	6,780	Ton	50	339,000
Beans, Dry Edible Limas, Blackeyes	1970	400	0.6	240	Ton	240	57,600
	1969	1,780	0.7	1,250	Ton	155	194,000
Green Chop	1970	1,390	25.1	34,900	Ton	8	297,000
	1969	1,470	13.0	19,100	Ton	8	153,000
Hay, Alfalfa	1970	95	4.7	450	Ton	32	14,400
	1969	335	4.0	1,340	Ton	29	38,900
Hay, Grain	1970	7,560	0.8	6,050	Ton	37	224,000
	1969	8,840	1.2	10,600	Ton	33	350,000
Pasture & Range Irrigated	1970	1,750	xx	xx	Acre	81	142,000
	1969	1,680	xx	xx	Acre	80	134,000
Other	1970	417,000	xx	xx	Acre	0.60	250,000
	1969	420,000	xx	xx	Acre	0.60	252,000
Silage Corn	1970	195	24.4	4,760	Ton	10	47,600
	1969	205	25.0	5,120	Ton	11	56,300
Misc. Field Crops	1970	4,480	xx	xx	xx	xx	111,000
Barley & Oats for pasture, Cotton & Cottonseed, Oats, & Rye pasture)	1969	1,520	xx	xx	xx	xx	79,100
TOTAL	1970	439,570	xx	xx	xx	xx	$ 1,344,600
	1969	443,360	xx	xx	xx	xx	1,596,300

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Apples, Fresh	1970	290	0.1	30	Ton	$225	$ 6,750
	1969	305	2.8(a)	600	Ton	150	90,000
Cider	1970	xx	xx	0	0	0	0
	1969	xx	xx	250	Ton	60	15,000
Nonbearing Acres	1970	(55)					
	1969	(55)					
Avocados	1970	10,380	1.7	17,650	Ton	630	11,120,000
	1969	10,375	3.2	33,200	Ton	463	15,372,000
Nonbearing Acres	1970	(2,520)					
	1969	(2,135)					

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Grapes	1970	52	1.0	50	Ton	$260	$ 13,000
Table Varieties	1969	60	0.9	55	Ton	230	12,600
Wine Varieties	1970	230	1.25	280	Ton	125	35,000
	1969	230	1.5	345	Ton	120	41,400
Strawberries	1970	550	17.2	9,460	Ton	400	3,784,000
	1969	520	15.0	7,800	Ton	390	3,042,000
CITRUS							
Grapefruit,	1970	150	21.0(a)	2,360	Ton	85	201,000
Fresh Market	1969	150	12.0(a)	1,660	Ton	83	138,000
By-product	1970	xx	xx	790	Ton	28	22,000
	1969	xx	xx	145	Ton	30	4,350
Nonbearing Acres	1970	(385)					
	1969	(380)					
Lemons,	1970	1,655	16.5(a)	16,380	Ton	233	3,817,000
Fresh Market	1969	1,655	10.6(a)	7,900	Ton	225	1,778,000
By-product	1970	xx	xx	10,920	Ton	60	655,000
	1969	xx	xx	9,640	Ton	40	386,000
Nonbearing Acres	1970	(590)					
	1969	(575)					
Limes,	1970	235	8.2(a)	1,480	Ton	200	296,000
Fresh Market	1969	235	6.5(a)	1,230	Ton	170	209,000
By-product	1970	xx	xx	445	Ton	60	26,700
	1969	xx	xx	300	Ton	45	13,500
Nonbearing Acres	1970	(75)					
	1969	(75)					
Oranges, Navels &	1970	1,110	8.8(a)	8,400	Ton	150	1,260,000
Misc.,Fresh Market	1969	1,015	11.0(a)	6,700	Ton	66	442,000
By-product	1970	xx	xx	1,370	Ton	45	62,000
	1969	xx	xx	4,500	Ton	30	135,000
Nonbearing Acres	1970	(960)					
	1969	(940)					
Oranges, Valencia	1970	5,800	6.0(a)	26,800	Ton	140	3,752,000
Fresh Market	1969	5,745	7.4(a)	21,260	Ton	55	1,169,000
By-product	1970	xx	xx	8,000	Ton	35	280,000
	1969	xx	xx	21,250	Ton	30	638,000
Nonbearing Acres	1970	(3,730)					
	1969	(3,725)					

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Tangerines, Fresh Market	1970	275	7.7(a)	1,600	Ton	$160	$ 256,000
	1969	275	1.25(a)	285	Ton	120	34,200
By-product	1970	xx	xx	480	Ton	60	28,800
	1969	xx	xx	60	Ton	24	1,440
Nonbearing Acres	1970	(35)					
	1969	(35)					
TOTAL CITRUS	*1970*	*(9,225)*	*xx*	*xx*	*xx*	*xx*	*(10,656,500)*
	1969	*(9,075)*	*xx*	*xx*	*xx*	*xx*	*(4,948,490)*
Misc. Fruits & Nuts Bushberries, Carob, Cherimoya, Fig, Kumquat, Loquat, Macadamia Nut, Peach, Pear, Persimmon, Plum, Pomegranate, Sapote, Walnut	1970	600	xx	xx	xx	xx	111,000
	1969	620	xx	xx	xx	xx	316,000
Nonbearing Acres	1970	(200)					
	1969	(200)					
TOTAL	1970	21,327	xx	xx	xx	xx	$25,726,250
	1969	21,185	xx	xx	xx	xx	23,837,490
Total Nonbearing Acres	1970	(8,160)					
	1969	(7,945)					

(a) Yield per acre includes both fresh and by-product use

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Beans, Snap	1970	375	4.1	1,540	Ton	$244	$ 376,000
	1969	460	3.9	1,780	Ton	237	422,000
Bunch Vegetables Beets, Chives, Collards, Green Onions, Kohlrabi, Mustard Greens, Radishes, Spinach, Turnips	1970	120	xx	xx	xx	xx	162,000
	1969	200	xx	xx	xx	xx	237,000
Cabbage	1970	610	16.9	10,309	Ton	86	887,000
	1969	700	14.0	9,800	Ton	63	617,000
Cauliflower	1970	160	6.0	960	Ton	325	312,000
	1969	210	8.2	1,720	Ton	207	356,000
Celery	1970	615	32.0	19,700	Ton	104	2,049,000
	1969	940	28.0	26,300	Ton	68	1,788,000
Corn, Sweet	1970	290	5.9	1,710	Ton	164	280,000
	1969	225	4.1	925	Ton	115	106,000

VEGETABLE CROPS, CONTINUED

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Cucumbers	1970	290	16.9	4,900	Ton	$211	$ 1,034,000
	1969	350	16.0	5,600	Ton	208	1,165,000
Lettuce, Head	1970	95	13.0	1,240	Ton	70	86,800
	1969	165	13.0	2,150	Ton	140	301,000
Melons, Watermelon	1970	65	5.5	360	Ton	80	28,800
	1969	7	5.7	40	Ton	70	2,800
Peppers, Bell	1970	425	4.6	1,960	Ton	227	445,000
	1969	265	7.1	1,880	Ton	286	528,000
Peppers, Chili, Green	1970	95	5.7	540	Ton	440	238,000
	1969	50	6.1	305	Ton	500	152,000
Potatoes	1970	1,000	21.0	21,000	Ton	95	1,995,000
	1969	1,080	16.0	17,300	Ton	70	1,211,000
Romaine	1970	135	15.0	2,020	Ton	80	162,000
	1969	225	13.8	3,100	Ton	90	279,000
Squash	1970	385	8.1	3,120	Ton	174	543,000
	1969	460	8.6	3,960	Ton	223	883,000
Tomatoes, Fresh Market							
Spring	1970	*(1,530)*	*(24.1)*	*(36,870)*	*Ton*	*(230)*	*(8,480,000)*
	1969	*(1,400)*	*(25.4)*	*(35,600)*	*Ton*	*(226)*	*(8,046,000)*
Fall	1970	*(2,880)*	*(16.6)*	*(47,800)*	*Ton*	*(222)*	*(10,612,000)*
	1969	*(2,600)*	*(22.2)*	*(57,700)*	*Ton*	*(382)*	*(22,041,000)*
Total, Fresh Market Tomatoes	1970	4,410	xx	xx	xx	xx	19,092,000
	1969	4,000	xx	xx	xx	xx	30,087,000
Misc. Vegetables	1970	560	xx	xx	xx	xx	634,000
Asparagus, Black-eye beans, Cherry Tomatoes, Eggplant, Garlic, Gourds, Mushrooms, Ornamental Corn & Squash, Peas, Pumpkins, Sweet Potatoes (Fresh & Canning)	1969	620	xx	xx	xx	xx	588,000
TOTAL	1970	9,630	xx	xx	xx	xx	$28,324,600
	1969	10,005	xx	xx	xx	xx	38,732,800

NURSERY PRODUCTS AND MARKET FLOWERS: ACRES, SALES, AND VALUE

Item	Year	Acres	Quantity Sold	Unit	Total Value
Citrus & Subtropical Fruit Trees	1970	80	310,000	Plant	$ 959,000
	1969	65	302,000	Plant	846,000
Ornamental Trees & Shrubs	1970	240	5,393,000	Plant	3,230,000
	1969	250	4,418,000	Plant	2,668,000
Bedding Plants	1970	15	(a)		1,110,000
	1969	15	1,438,000	Flat	764,000
Herbaceous Perennials	1970	110	3,975,000	Plant	235,000
	1969	160	4,146,000	Plant	246,000
Cactus & Succulents	1970	30	(a)		632,000
	1969	30	6,722,000	Plant	606,000
Bulbs, Corms, Rhizomes, Roots, Tubers	1970	xx	xx	xxx	801,000
	1969	xx	xx	xx	686,000
SUBTOTAL, NURSERY STOCK	*1970*	*(475)*	*xx*	*xx*	*(6,967,000)*
	1969	*(520)*	*xx*	*xx*	*(5,816,000)*
Carnations	1970(b)	xx	75,834,000	Bloom	4,967,000
	1969(b)	xx	72,787,000	Bloom	4,782,000
Gladiolus	1970(b)	xx	2,040,000	(Dozen	2,120,000
	1969(b)	xx	2,610,000	(Spikes	2,466,000
All Others	1970	xx	xx	xx	10,427,000
Includes more than forty kinds of cut flowers, about fifteen kinds of potted flowers and foliage plants	1969	xx	xx	xx	7,708,000
SUBTOTAL, CUT FLOWERS AND POTTED PLANTS	*1970*	*xx*	*xx*	*xx*	*(17,514,000)*
	1969	*xx*	*xx*	*xx*	*(14,956,000)*
TOTAL	1970	xx	xx	xx	$24,481,000
	1969	xx	xx	xx	20,772,000

(a) Not available
(b) Figures supplied by California Crop and Livestock Reporting Service from joint Federal-State Horticultural Survey for 1970

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	PRODUCTION No. of Head	PRODUCTION Total Liveweight	Unit	VALUE Per Unit	VALUE Total
Cattle & Calves(a)	1970	36,600	266,000	Cwt.	$28.00	$ 7,448,000
	1969	34,000	238,000	Cwt.	26.60	6,331,000
Lambs	1970	250	250	Cwt.	27.00	6,750
	1969	1,040	1,150	Cwt.	27.00	31,000
Hogs & Pigs	1970	8,100	9,720	Cwt.	23.00	224,000
	1969	12,680	15,200	Cwt.	22.80	347,000
Chickens, Misc. Meat (b)	1970	2,880,000	11,520,000	Lb.	0.04	461,000
	1969	2,285,000	10,332,000	Lb.	0.08	827,000
Turkeys	1970	37,550	766,500	Lb.	0.17	130,000
	1969(c)	23,000	640,000	Lb.	0.21	134,000
Misc. Poultry Chicks, Poults, Replacement Pullets	1970	xx	xx	xx	xx	1,886,000
	1969	xx	xx	xx	xx	1,121,000
Rabbits	1970	748,000	3,179,000	Lb.	0.29	922,000
	1969	753,000	3,201,000	Lb.	0.28	896,000
TOTAL	1970	xx	xx	xx	xx	$11,077,750
	1969(c)	xx	xx	xx	xx	9,687,000

(a) Includes dairy animals sold for slaughter
(b) Mostly hens culled from laying flocks
(c) Revised

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Milk, Market	1970	2,989,000	Cwt.	$5.78	$17,276,000
	1969(a)	2,882,000	Cwt.	5.61	16,168,000
Milk, Manufacturing	1970	0			0
	1969(a)	910	Cwt.	4.14	3,770
Eggs, Chicken, Market	1970	115,020,000	Doz.	0.30	34,506,000
	1969	109,538,000	Doz.	0.317	34,724,000
Misc. Products	1970	xx	xx	xx	316,000
	1969	xx	xx	xx	412,000
TOTAL	1970	xx	xx	xx	$52,098,000
	1969(a)	xx	xx	xx	51,307,770

(a) Revised

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Honey & Beeswax	1970	xx	xx	xx	$ 3,500
	1969	xx	xx	xx	659,000

SUMMARY

	1969 Acres	1969 Value	1970 Acres	1970 Value
Field Crops	23,360(a)	$ 1,596,300	22,570 (a)	$ 1,344,600
Fruit & Nut Crops: Bearing	21,185	23,837,490	21,327	25,726,250
Nonbearing	7,945		8,160	
Vegetable Crops	10,005	38,732,800	9,630	28,324,600
Nursery Products & Market Flowers	520(b)	20,772,000	475(b)	24,481,000
Livestock & Poultry		9,687,000(c)		11,077,750
Livestock & Poultry Products		51,307,770(c)		52,098,000
Apiary Products		659,000		3,500
TOTAL	63,015	$146,592,360(c)	62,162	$143,055,700

(a) Not including noncultivated range and pasture land
(b) Nursery crop acreage only; flower acreage not reported
(c) Revised

2,000
4/1/71

APIARY PRODUCTS: PRODUCTION AND VALUE

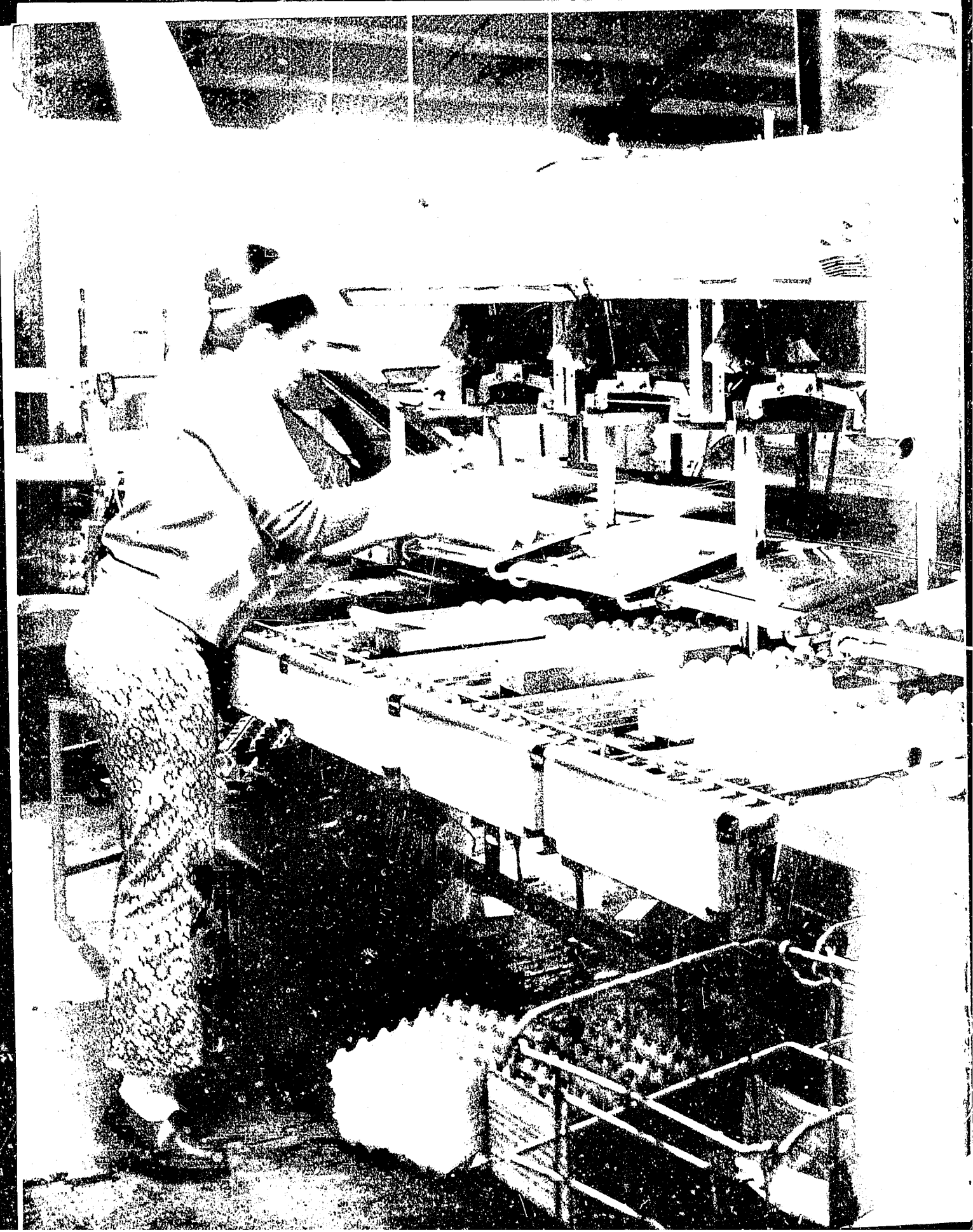
Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Honey & Beeswax	1970	xx	xx	xx	$ 3,500
	1969	xx	xx	xx	659,000

SUMMARY

	1969 Acres	1969 Value	1970 Acres	1970 Value
Field Crops	23,360(a)	$ 1,596,300	22,570 (a)	$ 1,344,600
Fruit & Nut Crops: Bearing	21,185	23,837,490	21,327	25,726,250
Nonbearing	7,945		8,160	
Vegetable Crops	10,005	38,732,800	9,630	28,324,600
Nursery Products & Market Flowers	520(b)	20,772,000	475(b)	24,481,000
Livestock & Poultry		9,687,000(c)		11,077,750
Livestock & Poultry Products		51,307,770(c)		52,098,000
Apiary Products		659,000		3,500
TOTAL	63,015	$146,592,360(c)	62,162	$143,055,700

(a) Not including noncultivated range and pasture land
(b) Nursery crop acreage only; flower acreage not reported
(c) Revised

2,000
4/1/71



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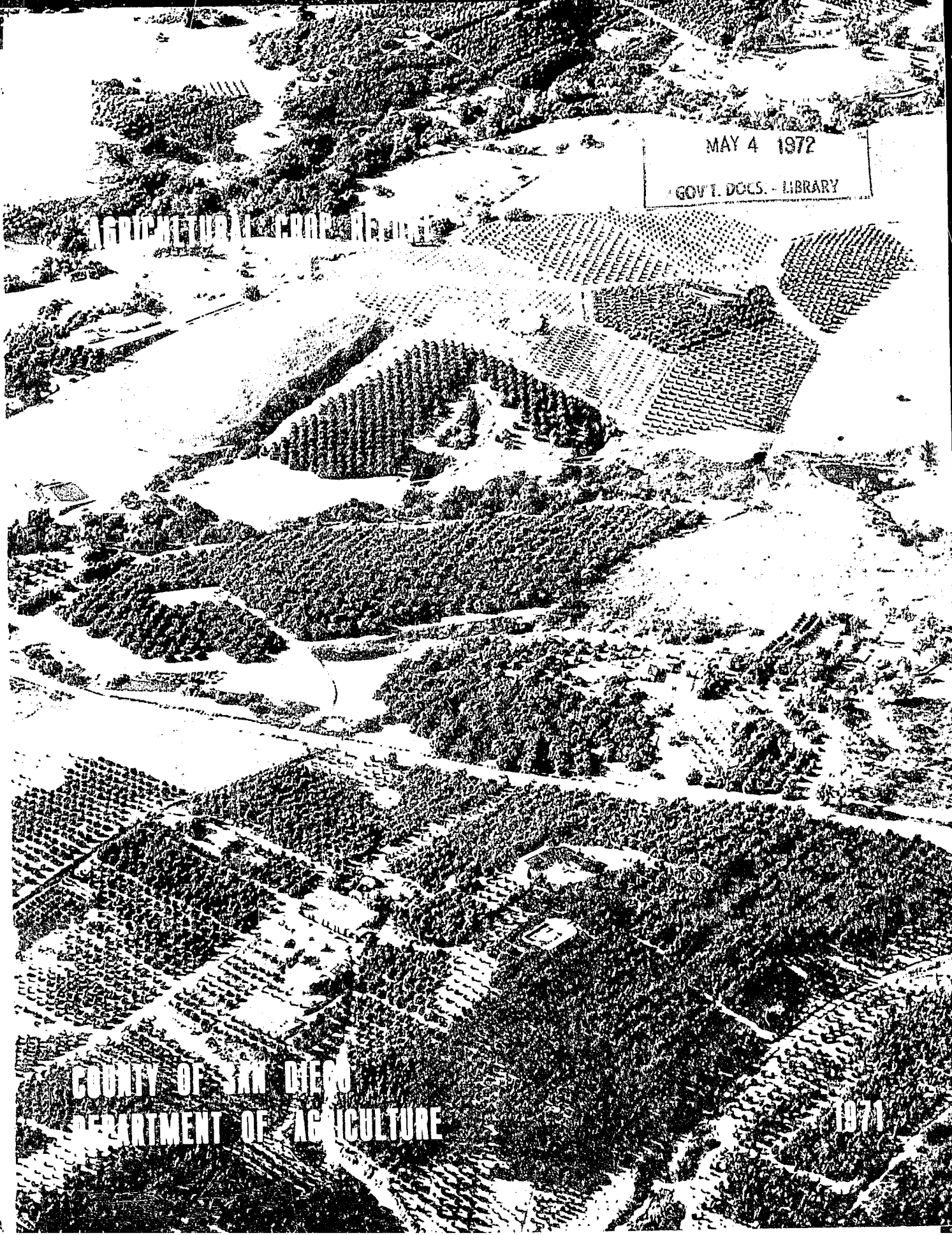
AGRICULTURAL CROP REPORT



COUNTY OF SAN DIEGO
DEPARTMENT OF AGRICULTURE

1971

COUNTY OF SAN DIEGO

* *

AGRICULTURAL COMMISSIONER
James M. Moon

5555 Overland Avenue, Building 3
San Diego, California 92123
Telephone 278-9200

* *

BOARD OF SUPERVISORS

Harry F. Scheidie, District 3, Chairman
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CHIEF ADMINISTRATIVE OFFICER

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* *

SPECIAL PUBLIC SERVICES AGENCY

James M. Moon, Administrator

* *

COVER: *A view near Fallbrook, in the center of San Diego County's avocado country, showing both established groves and extensive young plantings.*

* *

SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE

To: Mr. Jerry Fielder, Director
California Department of Agriculture
and
The Honorable Board of Supervisors
County of San Diego

Submitted herewith is the report of acreage, yield, and value of agricultural production in San Diego County for 1971, as required by Section 2279 of the California Agricultural Code.

The total value of this production was a record $153,062,630, an increase of $6.4 million over the previous high of $146.6 million in 1969.

These figures record gross values of crops, whether they were sold or used on the farm where grown. They are not net values. Fruit, vegetable, and cut flower values were computed on the basis of the packed price, f.o.b. shipping point. On other commodities, the prices were based on the most common method of sale.

IT IS IMPORTANT TO REMEMBER THAT THE PRICES QUOTED IN THIS REPORT HAVE NO DIRECT RELATION TO PRODUCTION COSTS, WHICH HAVE BEEN INCREASING STEADILY, AND GIVE NO INDICATION OF THE INDIVIDUAL GROWER'S PROFIT OR LOSS ON HIS CROP. THE NUMBER ONE PROBLEM IN UNITED STATES AGRICULTURE TODAY IS DECLINING NET FARM INCOME.

Eggs and tomatoes were still our most important crops for the year, with the former leading only by a little over a hundred thousand dollars. However, 1971 was a disaster year for egg producers, with production dropping by nearly three million dozen, and a decrease of $10.4 million in value. The average return per dozen stayed well under the cost of production.

An increase in bearing acreage and a higher yield than in 1970 brought avocados up to third most important, in place of milk which has been third for a number of years.

Acreage in cultivation decreased by nearly five thousand acres in nonirrigated field crops, mainly as a result of a series of seasons with low rainfall. A slight increase in acreage of vegetables and nursery crops, however, makes the net decrease about four thousand acres. Most of this nonirrigated land could be back in production whenever fall and winter rains occur.

The coastal area of San Diego County is ideal for the production of flowers and nursery stock, and most of these products continue to grow in production area and value. Weather-related problems reduced production of some miscellaneous varieties of flowers, but the overall trend was up.

Most varieties of livestock continued to decline in production. However, the low price for eggs resulted in more chickens being sold for meat, and there was some increase in turkey production. Lack of rain is a major cause of declines in cattle production, while urban development and changes in zoning affect producers of hogs and pigs and rabbits.

Until April, 1971, it appeared that tt year's honey crop would be comparable to the 1970 total of $3,500. Rain in that month resulted a respectable crop.

Compilation of these annual statistical reports is an portant cooperative service performed by the State and County Departments of Agriculture for the general public, not only for farmers and those who work with them. Every effort is made to see that they are as complete and accurate as possible. Since it is sometimes necessary to use incomplete or estimated figures in computing the reports as soon as possible after the first of the year, adjustments have been made in the 1970 figures where significant changes were noted.

Many organizations and individuals have contributed to this report. I wish to express my appreciation to them, as well as to the member of the Department of Agriculture who assisted in gathering the needed data. The report was compiled by Roy M. Kepner, Jr., Specialist for Natural Resources and Statistics, and Barbara E. Biewener, Senior Stenographer.

Respectfully submitted,

James M. Moon
AGRICULTURAL COMMISSIONER

MOST IMPORTANT COMMODITIES, 1971

Eggs	$24,123,000	Strawberries	$3,795,000
Tomatoes	23,011,000	Gladiolus	2,148,000
Avocados	18,136,000	Potatoes	1,637,000
Milk	17,275,000	Squash	1,561,000
Cattle	7,280,000	Tangerines & Tangelos	1,350,800
Valencia Oranges	6,753,000	Cucumbers	1,240,000
Lemons	6,597,000	Celery	1,106,000
Carnations	5,104,000	Cabbage	1,087,000

COMPARATIVE ACREAGES

		1950	1960	1970
Field Crops		73,000	33,500	23,400
Fruit & Nuts:	Bearing	27,000	25,900	21,200
	Nonbearing	6,500	6,700(a)	7,900
Vegetables		12,800	14,800	9,600
Flowers & Nursery Stock		1,065	550(b)	475(b)
Total		120,365	81,450	62,575

(a) Estimated
(b) Nursery stock only; flower acreage not reported

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Barley	1971	4,580	0.6	2,240	Ton	$ 56	$ 125,000
	1970	6,700	0.6	4,020	Ton	50	201,000
Beans, Dry Edible Limas, Blackeyes, Garbanzo	1971	835	0.6	500	Ton	224	112,000
	1970	400	0.6	240	Ton	240	57,600
Green Chop	1971	800	20.0	16,000	Ton	9	144,000
	1970	1,390	25.1	34,900	Ton	8	297,000
Hay, Alfalfa	1971	25	6.0	150	Ton	32	4,800
	1970	95	4.7	450	Ton	32	14,400
Hay, Grain	1971	6,720	1.0	6,720	Ton	32	215,000
	1970	7,560	0.8	6,050	Ton	37	224,000
Pasture & Range Irrigated	1971	1,750	xx	xx	Acre	82	144,000
	1970	1,750	xx	xx	Acre	81	142,000
Other	1971	417,000	xx	xx	Acre	0.60	250,000
	1970	417,000	xx	xx	Acre	0.60	250,000
Silage Corn	1971	195	25.1	4,900	Ton	10	49,000
	1970	195	24.4	4,760	Ton	10	47,600
Misc. Field Crops Barley & Oats for pasture, Oats, & Rye pasture	1971	2,800	xx	xx	xx	xx	55,500
	1970	4,480	xx	xx	xx	xx	111,000
TOTAL	1971	434,705	xx	xx	xx	xx	$ 1,099,300
	1970	439,570	xx	xx	xx	xx	1,344,600

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Avocados	1971	11,300	3.0	33,900	Ton	$535	$18,136,000
	1970	10,380	1.7	17,650	Ton	630	11,120,000
Nonbearing Acres	1971	(1,745)					
	1970	(2,520)					
Grapes Table Varieties	1971	52	0.75	40	Ton	260	10,400
	1970	52	1.0	50	Ton	260	13,000
Wine Varieties	1971	230	1.0	230	Ton	160	36,800
	1970	230	1.25	280	Ton	125	35,000

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Strawberries	1971	565	19.0	10,750	Ton	$353	$ 3,795,000
	1970	550	17.2	9,460	Ton	400	3,784,000
CITRUS							
Grapefruit Fresh Market	1971	245	7.8(a)	1,575	Ton	100	158,000
	1970	150	21.0(a)	2,360	Ton	85	201,000
By-product	1971	xx	xx	335	Ton	28	9,380
	1970	xx	xx	790	Ton	28	22,000
Nonbearing Acres	1971	(315)					
	1970	(385)					
Lemons Fresh Market	1971	1,820	20.0(a)	23,700	Ton	243	5,759,000
	1970	1,655	16.5(a)	16,380	Ton	233	3,817,000
By-product	1971	xx	xx	12,700	Ton	66	838,000
	1970	xx	xx	10,920	Ton	60	655,000
Nonbearing Acres	1971	(415)					
	1970	(590)					
Limes Fresh Market	1971	270	14.0(a)	3,780	Ton	220	458,000
	1970	235	8.2(a)	1,480	Ton	200	296,000
By-product	1971	xx	xx	1,700	Ton	40	68,000
	1970	xx	xx	445	Ton	60	26,700
Nonbearing Acres	1971	(40)					
	1970	(75)					
Oranges, Navels & Misc., Fresh Market	1971	895	6.2(a)	4,660	Ton	150	699,000
	1970	1,110(b)	8.8(a)	8,400	Ton	150	1,260,000
By-product	1971	xx	xx	890	Ton	25	22,250
	1970	xx	xx	1,370	Ton	45	62,000
Nonbearing	1971	(245)					
	1970	(960)(b)					
Oranges, Valencia Fresh Market	1971	7,560	8.8(a)	46,570	Ton	130	6,054,000
	1970	5,800	6.0(a)	26,800	Ton	140	3,752,000
By-product	1971	xx	xx	19,960	Ton	35	699,000
	1970	xx	xx	8,000	Ton	35	280,000
Nonbearing Acres	1971	(1,910)					
	1970	(3,730)					

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Tangerines, Tangelos Temple Oranges Fresh Market	1971	805(b)	10.7(a)	6,980	Ton	$183	$ 1,277,000
	1970	275	7.7(a)	1,600	Ton	160	256,000
By-product	1971	xx	xx	1,640	Ton	45	73,800
	1970	xx	xx	480	Ton	60	28,800
Nonbearing Acres	1971	(355)(b)					
	1970	(35)					
TOTAL CITRUS	*1971*	*(11,595)*	*xx*	*xx*	*xx*	*xx*	*(16,115,430)*
	1970	*(9,225)*	*xx*	*xx*	*xx*	*xx*	*(10,656,500)*
Total nonbearing Acres	*1971*	*(3,280)*					
	1970	*(5,775)*					
Misc. Fruits & Nuts Apples, Carob, Cherimoya, Fig, Kumquat, Loquat, Macadamia Nut, Peach, Pear, Persimmon, Plum, Pomegranate, Sapote, Walnut	1971	890	xx	xx	xx	xx	139,300
	1970	600	xx	xx	xx	xx	111,000
Nonbearing Acres	1971	(240)					
	1970	(200)					
TOTAL	1971	24,632	xx	xx	xx	xx	$38,232,930
	1970	21,327	xx	xx	xx	xx	25,726,250
Total nonbearing Acres	1971	(5,265)					
	1970	(8,160)					

(a) Yield per acre includes both fresh and by-product use
(b) Includes tangelos and temple oranges

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Beans, Snap	1971	360	4.1	1,475	Ton	$305	$ 450,000
	1970	375	4.1	1,540	Ton	244	376,000
Bunch Vegetables Beets, Chives, Collards, Green Onions, Kohlrabi, Mustard Greens, Radishes, Spinach, Turnips	1971	125	xx	xx	xx	xx	158,000
	1970	120	xx	xx	xx	xx	162,000
Cabbage	1971	900	15.1	13,590	Ton	80	1,087,000
	1970	610	16.9	10,309	Ton	86	887,000
Cauliflower	1971	300	5.8	1,740	Ton	312	543,000
	1970	160	6.0	960	Ton	325	312,000

VEGETABLE CROPS, CONTINUED

Crop	Year	Harvested Acreage	PRODUCTION Per Acre	PRODUCTION Total	Unit	VALUE Per Unit	VALUE Total
Celery	1971	575	25.3	14,550	Ton	$ 76	$ 1,106,000
	1970	615	32.0	19,700	Ton	104	2,049,000
Corn, Sweet	1971	195	6.7	1,305	Ton	107	140,000
	1970	290	5.9	1,710	Ton	164	280,000
Cucumbers	1971	270	14.5	3,900	Ton	318	1,240,000
	1970	290	16.9	4,900	Ton	211	1,034,000
Lettuce, Head	1971	65	5.3	344	Ton	70	24,080
	1970	95	13.0	1,240	Ton	70	86,800
Melons, Watermelon	1971	30	4.6	135	Ton	85	11,500
	1970	65	5.5	360	Ton	80	28,800
Peppers, Bell	1971	405	9.6	3,890	Ton	201	782,000
	1970	425	4.6	1,960	Ton	227	445,000
Peppers, Chili, Green	1971	70	4.1	290	Ton	405	118,000
	1970	95	5.7	540	Ton	440	238,000
Potatoes	1971	1,070	18.0	19,260	Ton	85	1,637,000
	1970	1,000	21.0	21,000	Ton	95	1,995,000
Romaine	1971	105	11.5	1,210	Ton	212	257,000
	1970	135	15.0	2,020	Ton	80	162,000
Squash	1971	610	8.7	5,310	Ton	294	1,561,000
	1970	385	8.1	3,120	Ton	174	543,000
Tomatoes, Fresh Market							
Spring	*1971*	*(865)*	*(20.5)*	*(17,730)*	*Ton*	*(257)*	*(4,557,000)*
	1970	*(1,530)*	*(24.1)*	*(36,870)*	*Ton*	*(230)*	*(8,480,000)*
Summer	*1971(a)*	*(450)*	*(13.0)*	*(5,850)*	*Ton*	*(193)*	*(1,129,000)*
Fall	*1971*	*(2,810)*	*(16.0)*	*(45,000)*	*Ton*	*(385)*	*(17,325,000)*
	1970	*(2,880)*	*(16.6)*	*(47,800)*	*Ton*	*(222)*	*(10,612,000)*
Total, Fresh Market Tomatoes	1971	4,125	xx	xx	xx	xx	23,011,000
	1970	4,410	xx	xx	xx	xx	19,092,000
Misc. Vegetables	1971	665	xx	xx	xx	xx	1,077,000
Asparagus, Black-eye beans, Celery & Cauliflower for processing, Cherry Tomatoes, Eggplant, Garlic, Gourds, Mushrooms, Ornamental Corn & Squash, Peas, Pumpkins, Sweet Potatoes, (Fresh & Canning)	1970	560	xx	xx	xx	xx	634,000
TOTAL	1971	9,861	xx	xx	xx	xx	$33,202,580
	1970	9,630	xx	xx	xx	xx	28,324,600

(a) Included in Spring Tomatoes in 1970

NURSERY PRODUCTS AND MARKET FLOWERS: ACRES, SALES, AND VALUE

Item	Year	Acres	Quantity Sold	Unit	Total Value
Citrus & Subtropical Fruit Trees	1971	95	395,000	Plant	$ 1,370,000
	1970	80	310,000	Plant	959,000
Ornamental Trees & Shrubs	1971	245	5,269,000	Plant	3,994,000
	1970	240	5,393,000	Plant	3,230,000
Bedding Plants	1971	25	(a)		2,037,000
	1970	15	(a)		1,110,000
Herbaceous Perennials	1971	100	5,639,000	Plant	347,000
	1970	110	3,975,000	Plant	235,000
Cactus & Succulents	1971	23	(a)		580,000
	1970	30	(a)		632,000
Bulbs, Corms, Rhizomes Roots, Tubers	1971	xx	xx		660,000
	1970	xx	xx		801,000
SUBTOTAL, NURSERY STOCK	*1971*	*(488)*	*xxx*	*xxx*	*(8,988,000)*
	1970	*(475)*	*xxx*	*xxx*	*(6,967,000)*
Carnations	1971(b)	xx	80,447,000	Bloom	5,104,000
	1970(b)	xx	75,834,000	Bloom	4,967,000
Gladiolus	1971(b)	xx	2,228,000	(Dozen	2,148,000
	1970(b)	xx	2,040,000	(Spikes	2,120,000
All Others Includes more than forty kinds of cut flowers, about fifteen kinds of potted flowers and foliage plants	1971	xx	xx	xx	10,776,000
	1970	xx	xx	xx	10,427,000
SUBTOTAL, CUT FLOWERS AND POTTED PLANTS	*1971*	*xxx*	*xxx*	*xxx*	*(18,028,000)*
	1970	*xxx*	*xxx*	*xxx*	*(17,514,000)*
TOTAL	1971	xx	xx	xx	$27,016,000
	1970	xx	xx	xx	24,481,000

(a) Not available
(b) Figures supplied by California Crop and Livestock Reporting Service from joint Federal-State Horticultural Survey for 1971

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	PRODUCTION No. of Head	PRODUCTION Total Liveweight	Unit	VALUE Per Unit	VALUE Total
Cattle & Calves (a)	1971	32,000	208,000	Cwt.	$35.00	$ 7,280,000
	1970	36,600	266,000	Cwt.	28.00	7,448,000
Lambs	1971	225	225	Cwt.	26.70	6,010
	1970	250	250	Cwt.	27.00	6,750
Hogs & Pigs	1971	6,200	8,600	Cwt.	19.00	163,000
	1970	8,100	9,720	Cwt.	23.00	224,000
Chickens, Misc. Meat (b)	1971	3,120,000	12,480,000	Lb.	0.04	499,000
	1970	2,880,000	11,520,000	Lb.	0.04	461,000
Turkeys	1971	46,500	860,000	Lb.	0.25	215,000
	1970	37,550	766,500	Lb.	0.17	130,000
Misc. Poultry Poults, Replacement Pullets	1971	xx	xx	xx	xx	2,702,000
	1970	xx	xx	xx	xx	1,886,000
Rabbits	1971	614,000	2,610,000	Lb.	0.25	652,000
	1970	748,000	3,179,000	Lb.	0.29	922,000
TOTAL	1971	xx	xx	xx	xx	$11,517,010
	1970	xx	xx	xx	xx	11,077,750

(a) Includes dairy animals sold for slaughter
(b) Mostly hens culled from laying flocks

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Milk, Market	1971	2,934,000	Cwt.	$5.89	$17,275,000
	1970(a)	2,966,000	Cwt.	5.78	17,143,000
Milk, Manufacturing	1971	0			0
	1970	0			0
Eggs, Chicken, Market	1971	112,200,000	Doz.	0.215	24,123,000
	1970	115,020,000	Doz.	0.30	34,506,000
Misc. Products Turkey Eggs, Wool, etc.	1971	xx	xx	xx	338,000
	1970	xx	xx	xx	316,000
TOTAL	1971	xx	xx	xx	$41,736,000
	1970(a)	xx	xx	xx	52,098,000

(a) Revised

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE Per Unit	VALUE Total
Honey	1971	1,121,000	Lb.	$0.22	$ 247,000
Beeswax	1971	19,700	Lb.	0.60	11,820
TOTAL	1971	xx	xx	xx	$ 258,820
	1970(a)	xx	xx	xx	3,500

(a) Combined to avoid disclosure of individual operations

SUMMARY

	1970 Acres	1970 Value	1971 Acres	1971 Value
Field Crops	22,570(a)	$ 1,344,600	17,705	$ 1,099,300
Fruit & Nut Crops: Bearing	21,327	25,726,250	24,632	38,232,930
Nonbearing	8,160		5,265	
Vegetable Crops	9,630	28,324,600	9,860	33,202,580
Nursery Products & Market Flowers	475(b)	24,481,000	488(b)	27,016,000
Livestock & Poultry	xx	11,077,750	xx	11,517,000
Livestock & Poultry Products	xx	52,098,000(c)	xx	41,736,000
Apiary Products	xx	3,500	xx	258,820
TOTAL	62,162	$143,055,700	57,950	$153,062,630

(a) Not including noncultivated range and pasture land
(b) Nursery crop acreage only: flower acreage not reported
(c) Revised

2,000
4/72