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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports


San Diego County

1972-1977

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

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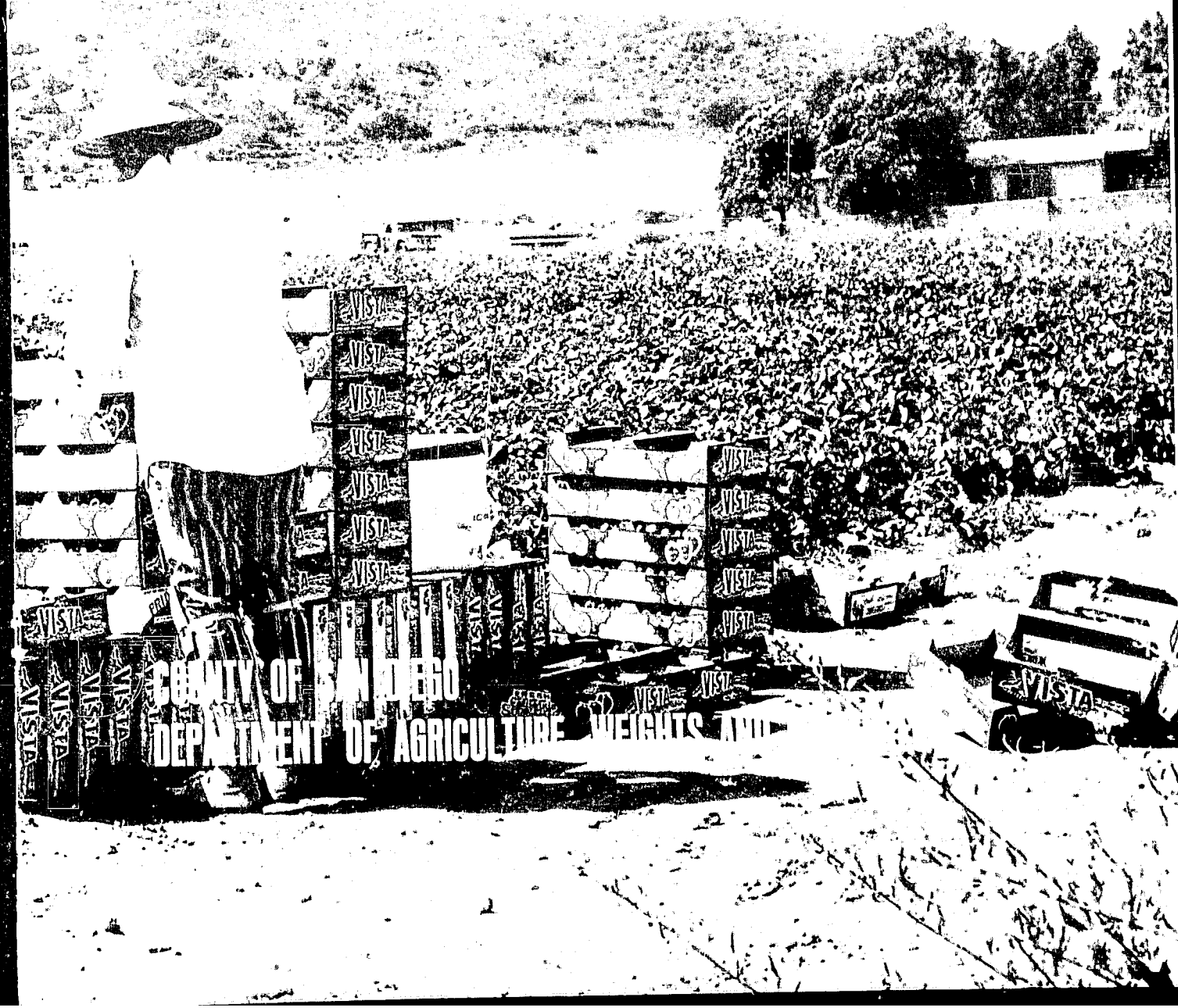


1972

AGRICULTURAL CROP and NATURAL RESOURCES REPORT

1972

DEC 20 1970



COUNTY OF SAN DIEGO
DEPARTMENT OF AGRICULTURE WEIGHTS AND MEASURES

COUNTY OF SAN DIEGO

AGRICULTURAL COMMISSIONER
Kenneth K. Little, Jr.

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

BOARD OF SUPERVISORS:

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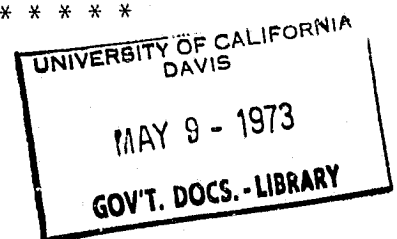
CHIEF ADMINISTRATIVE OFFICER

F. J. Morey

SPECIAL PUBLIC SERVICES AGENCY

James M. Moon, Administrator

COVER: Strawberry fields near San Luis Rey. This crop is growing in importance in San Diego County. In 1972 a total of 575 acres, largest in County history, produced a crop valued at \$5,506,000.



SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE, WEIGHTS & MEASURES

To: Mr. C. B. Christensen, Director
California Department of Food and 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 1972, as required by Section 2279 of the California Agricultural Code.

Totaling a record \$167,747,700, production in 1972 exceeded 1971's record by more than \$14.5 million.

It is important to remember that these figures represent gross values for products, whether they were sold or used on the farm where grown. They are not net values, and do not reflect costs of production. 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.

Thirteen crops totaled more than one million dollars in value, with eggs and tomatoes almost tied for first place. Tomato growers were beset by a plant disease, crown rot fungus, which caused extensive vine loss and cut prospective yields. Egg producers received an average of 25¢ a dozen for their eggs in 1972. Not until December did the price exceed the production cost of 31¢ a dozen. In addition, egg and poultry producers were affected by the quarantine imposed on Southern California because of Exotic Newcastle Disease of poultry.

Milk regained its place as third in importance, with avocados dropping back to fourth. A small crop of avocados coupled with a well-planned marketing program brought good prices for the available fruit.

Field crop yields were smaller than in 1971 in most cases; where improvement is noted, it generally was because the crop was irrigated to some extent. Much of the grain was pastured off since it did not attain sufficient growth for harvest.

All types of nursery products increased their production value, and most varieties of market flowers. Carnation production was down, but the price per bloom was higher. The same was true of gladiolus.

The County's livestock industry continues its slow decline in importance. However, cattle sales increased by about 6,000 head in 1972.

This report, together with the natural resources report beginning on page 9, was compiled by Roy M. Kepner, Jr., Specialist for Natural Resources and Statistics, and Barbara E. Biewener, Senior Stenographer. I wish to express my appreciation to them, as well as to the many organizations and individuals who furnished the necessary information.

Respectfully submitted,


Kenneth K. Little, Jr.
AGRICULTURAL COMMISSIONER

(2)

MOST IMPORTANT COMMODITIES, 1972

Eggs	\$26,180,000	Carnations	\$6,196,000
Tomatoes	26,048,000	Strawberries	5,506,000
Milk	17,947,000	Celery	3,384,000
Avocados	17,174,000	Gladiolus	2,125,000
Cattle & Calves	10,412,000	Potatoes	1,294,000
Valencia Oranges	8,619,000	Cucumbers	1,176,000
Lemons	6,204,000		

S U M M A R Y

	1971		1972	
	Acres	Value	Acres	Value
Field Crops	17,705(a)	\$ 1,099,300	16,545(a)	\$ 1,126,200
Fruit & Nut Crops:				
Bearing	24,632	38,232,930	25,375	40,624,300
Non-bearing	5,265		4,800	
Vegetable Crops	9,860	33,202,580	8,980	35,980,200
Nursery Products & Market Flowers	488(b)	27,016,000	602(b)	31,055,000
Livestock & Poultry	xx	11,517,000	xx	14,327,000
Livestock & Poultry Products	xx	41,766,000(c)	xx	44,602,000
Apiary	xx	258,820	xx	33,000
TOTAL	57,950	\$153,092,630(c)	56,302	\$167,747,700

(a) Not including noncultivated range and pasture land

(b) Nursery crop acreage only; flower acreage not reported

(c) Revised

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

(3)

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Barley	1972	900	0.4	360	Ton	\$ 60	\$ 21,600
	1971	4,580	0.6	2,240	Ton	56	125,000
Beans, Dry Edible Limas, Blackeyes	1972	780	0.74	575	Ton	398	229,000
	1971	835	0.6	500	Ton	224	112,000
Green Chop	1972	960	17.5	16,800	Ton	11	185,000
	1971	800	20.0	16,000	Ton	9	144,000
Hay, Alfalfa	1972	325	4.0	1,300	Ton	24	31,200
	1971	25	6.0	150	Ton	32	4,800
Hay, Grain	1972	2,430	1.2	2,900	Ton	37	107,000
	1971	6,720	1.0	6,720	Ton	32	215,000
Pasture & Range Irrigated	1972	1,630	xx	xx	Acre	89	145,000
	1971	1,750	xx	xx	Acre	82	144,000
Other	1972	394,000	xx	xx	Acre	0.60	236,000
	1971	417,000	xx	xx	Acre	0.60	250,000
Silage Corn	1972	250	23.8	5,950	Ton	12	71,400
	1971	195	25.1	4,900	Ton	10	49,000
Misc. Field Crops Barley, Oats & Rye for Pasture	1972	9,270	xx	xx	xx	xx	100,000
	1971	2,800	xx	xx	xx	xx	55,500
TOTAL	1972	410,545	xx	xx	xx	xx	\$ 1,126,200
	1971	434,705	xx	xx	xx	xx	1,099,300

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Avocados	1972	11,315	1.5	16,970	Ton	\$1,012	\$17,174,000
	1971	11,300	3.0	33,900	Ton	535	18,136,000
Non-bearing Acres	1972	(1,850)					
	1971	(1,745)					
Grapes Table Varieties	1972	20	3.0	60	Ton	248	14,880
	1971	52	0.75	40	Ton	260	10,400
Wine Varieties	1972	230	2.5	575	Ton	175	101,000
	1971	230	1.0	230	Ton	160	36,800

(4)

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Strawberries	1972	575	21.0	12,075	Ton	\$ 456	\$ 5,506,000
	1971	565	19.0	10,750	Ton	353	3,795,000
<u>CITRUS</u>							
Grapefruit	1972	250	12.9(a)	1,750	Ton	220	385,000
Fresh Market	1971	245	7.8(a)	1,575	Ton	100	158,000
By-product	1972	xx	xx	1,475	Ton	42	61,950
	1971	xx	xx	335	Ton	28	9,380
Non-bearing Acres	1972	(350)					
	1971	(315)					
Lemons	1972	1,850	16.2(a)	20,380	Ton	271	5,523,000
Fresh Market	1971	1,820	20.0(a)	23,700	Ton	243	5,759,000
By-product	1972	xx	xx	9,590	Ton	71	681,000
	1971	xx	xx	12,700	Ton	66	838,000
Non-bearing Acres	1972	(435)					
	1971	(415)					
Limes	1972	280	11.0(a)	1,540	Ton	188	290,000
Fresh Market	1971	270	14.0(a)	3,780	Ton	220	458,000
By-product	1972	xx	xx	1,540	Ton	40	61,600
	1971	xx	xx	1,700	Ton	40	68,000
Nonbearing Acres	1972	(45)					
	1971	(40)					
Oranges, Navels &	1972	980	6.7(a)	4,925	Ton	170	837,000
Misc., Fresh Market	1971	895	6.2(a)	4,660	Ton	150	699,000
By-product	1972	xx	xx	1,640	Ton	26	42,640
	1971	xx	xx	890	Ton	25	22,250
Non-bearing	1972	(165)					
	1971	(245)					
Oranges, Valencia	1972	8,185	10.3(a)	50,605	Ton	145	7,338,000
Fresh Market	1971	7,560	8.8(a)	46,570	Ton	130	6,054,000
By-product	1972	xx	xx	33,700	Ton	38	1,281,000
	1971	xx	xx	19,960	Ton	35	699,000
Non-bearing Acres	1972	(1,280)					
	1971	(1,910)					

FRUIT AND NUT CROPS, CONTINUED

(5)

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Tangerines, Tangelos Temple Oranges Fresh Market	1972	890	10.5(a)	6,540	Ton	\$178	\$ 1,164,000
	1971	805	10.7(a)	6,980	Ton	183	1,277,000
By-product	1972	xx	xx	2,805	Ton	26	72,930
	1971	xx	xx	1,640	Ton	45	73,800
Non-bearing Acres	1972	(425)					
	1971	(355)					
TOTAL CITRUS	1972	(12,435)	xxx	xxx	xxx	xxx	(17,738,120)
	1971	(11,595)	xxx	xxx	xxx	xxx	(16,115,430)
Total Non-bearing Acres	1972	(2,700)					
	1971	(3,280)					
Misc. Fruits & Nuts Apples, Cherimoya, Macadamia Nut, Peach, Pear, Persimmon, Walnut	1972	800	xx	xx	xx	xx	90,300
	1971	890	xx	xx	xx	xx	139,300
Non-bearing Acres	1972	(250)					
	1971	(240)					
TOTAL	1972	25,375	xx	xx	xx	xx	\$ 40,624,300
	1971	24,632	xx	xx	xx	xx	38,232,930
Total Non-bearing Acres	1972	(4,800)					
	1971	(5,265)					

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

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Beans, Snap	1972	360	4.3	1,550	Ton	\$279	\$ 432,000
	1971	360	4.1	1,475	Ton	305	450,000
Bunch Vegetables Beets, Chard, Chives, Collards, Endive, Green Onions, Kale, Kohlrabi, Mustard Greens, Parsley, Radishes, Spinach, Turnips	1972	115	xx	xx	xx	xx	169,000
	1971	125	xx	xx	xx	xx	158,000
Cabbage	1972	715	10.0	7,150	Ton	75	536,000
	1971	900	15.1	13,590	Ton	80	1,087,000
Cauliflower	1972	210	6.9	1,450	Ton	301	436,000
	1971	300	5.8	1,740	Ton	312	543,000

(6)

VEGETABLE CROPS, CONTINUED

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Celery	1972	600	30.0	18,000	Ton	\$188	\$ 3,384,000
	1971	575	25.3	14,550	Ton	76	1,106,000
Corn, Sweet	1972	235	6.2	1,460	Ton	114	166,000
	1971	195	6.7	1,305	Ton	107	140,000
Cucumbers	1972	180	23.0	4,140	Ton	284	1,176,000
	1971	270	14.5	3,900	Ton	318	1,240,000
Melons, Watermelon	1972	20	5.0	100	Ton	83	8,300
	1971	30	4.6	135	Ton	85	11,500
Peppers, Bell	1972	190	7.3	1,385	Ton	201	278,000
	1971	405	9.6	3,890	Ton	201	782,000
Peppers, Chili, Green	1972	65	2.0	130	Ton	453	58,900
	1971	70	4.1	290	Ton	405	118,000
Potatoes	1972	600	22.0	13,200	Ton	98	1,294,000
	1971	1,070	18.0	19,260	Ton	85	1,637,000
Romaine	1972	120	7.5	900	Ton	140	126,000
	1971	105	11.5	1,210	Ton	212	257,000
Squash	1972	355	7.4	2,625	Ton	174	457,000
	1971	610	8.7	5,310	Ton	294	1,561,000
Tomatoes, Fresh Market							
Spring	1972	(1,050)	(27.8)	(29,190)	Ton	(234)	(6,830,000)
	1971	(865)	(20.5)	(17,730)	Ton	(257)	(4,557,000)
Summer	1972	(300)	(33.6)	(10,100)	Ton	(258)	(2,606,000)
	1971	(450)	(13.0)	(5,850)	Ton	(193)	(1,129,000)
Fall	1972	(3,160)	(19.4)	(61,300)	Ton	(271)	(16,612,000)
	1971	(2,810)	(16.0)	(45,000)	Ton	(385)	(17,325,000)
Total, Fresh Market Tomatoes	1972	4,510	xx	xx	xx	xx	26,048,000
	1971	4,125	xx	xx	xx	xx	23,011,000
Misc. Vegetables	1972	705	xx	xx	xx	xx	1,411,000
Asparagus, Chayotes,	1971	730	xx	xx	xx	xx	1,101,080
Cherry Tomatoes, Eggplant, Garlic, Gourds, Leaf Lettuce, Mushrooms, Ornamental Corn and Squash, Peas, Pumpkins, Sweet Potatoes, Tomatillos							
TOTAL	1972	8,980	xx	xx	xx	xx	\$ 35,980,200
	1971	9,861	xx	xx	xx	xx	33,202,580

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

Item	Year	Acres	Quantity Sold	Unit	Total Value
Citrus & Subtropical Fruit Trees	1972	110	479,000	Plant	\$ 1,607,000
	1971	95	395,000	Plant	1,370,000
Ornamental Trees & Shrubs	1972	350	4,550,000	Plant	5,086,000
	1971	245	5,269,000	Plant	3,994,000
Bedding Plants	1972	50	(a)	xx	2,637,000
	1971	25	(a)	xx	2,037,000
Herbaceous Perennials	1972	65	(a)	Plant	358,000
	1971	100	5,639,000	Plant	347,000
Cactus & Succulents	1972	27	(a)	xx	788,000
	1971	23	(a)	xx	580,000
Bulbs, Corms, Rhizomes, Roots, Tubers	1972	xx	xx	xx	723,000
	1971	xx	xx	xx	660,000
<i>SUBTOTAL, NURSERY STOCK</i>	1972	(602)	xxx	xxx	(11,199,000)
	1971	(488)	xxx	xxx	(8,988,000)
Carnations	1972(b)	xx	77,003,000	Bloom	6,196,000
	1971(b)	xx	80,447,000	Bloom	5,104,000
Gladiolus	1972(b)	xx	20,842,000	Spikes	2,125,000
	1971(b)	xx	26,536,000	Spikes	2,148,000
All Others Includes more than forty kinds of cut flowers, about fifteen kinds of potted flowers and foliage plants	1972	xx	xx	xx	11,535,000
	1971	xx	xx	xx	10,776,000
<i>SUBTOTAL, CUT FLOWERS AND POTTED PLANTS</i>	1972	xxx	xxx	xxx	(19,856,000)
	1971	xxx	xxx	xxx	(18,028,000)
TOTAL	1972	xx	xx	xx	\$ 31,055,000
	1971	xx	xx	xx	27,016,000

(a) Not available

(b) Figures supplied by California Crop and Livestock Reporting Service
from joint Federal-State Horticulture Survey.

(8)

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	P R O D U C T I O N		Unit	V A L U E	
		No. of Head	Total Liveweight		Per Unit	Total
Cattle & Calves (a)	1972	38,000	274,000	Cwt.	\$ 38.00	\$ 10,412,000
	1971	32,000	208,000	Cwt.	35.00	7,280,000
Hogs & Pigs	1972	6,200	8,680	Cwt.	26.00	226,000
	1971	6,200	8,600	Cwt.	19.00	163,000
Chickens, Misc. Meat (b)	1972	2,688,000	10,752,000	Lb.	0.05	538,000
	1971	3,120,000	12,480,000	Lb.	0.04	499,000
Rabbits	1972	540,000	2,430,000	Lb.	0.31	753,000
	1971	614,000	2,610,000	Lb.	0.25	652,000
Misc. Meat & Poultry Lamb, Poults, Re- placement Pullets, Turkeys	1972	xx	xx	xx	xx	2,398,000
	1971	xx	xx	xx	xx	2,923,000
TOTAL	1972	xx	xx	xx	xx	\$ 14,327,000
	1971	xx	xx	xx	xx	11,517,000

(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	V A L U E	
				Per Unit	Total
Milk, Market	1972	3,044,000	Cwt.	\$ 5.90	\$ 17,947,000
	1971(a)	2,933,000	Cwt.	5.90	17,305,000
Eggs, Chicken, Market	1972	104,720,000	Doz.	0.25	26,180,000
	1971	112,200,000	Doz.	0.215	24,123,000
Misc. Products Turkey Eggs, Wool	1972	xx	xx	xx	475,000
	1971	xx	xx	xx	338,000
TOTAL	1972	xx	xx	xx	\$ 44,602,000
	1971(a)	xx	xx	xx	41,766,000

(a) Revised

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	V A L U E	
				Per Unit	Total
Honey, Beeswax and Packaged Bees	1972	xx	xx	xx	\$ 33,000
	1971	xx	xx	xx	258,820

NATURAL RESOURCES

FISHING

San Diego's fishing fleet caught approximately 206,000 tons of tuna of all kinds in 1972, with a total value of \$89,915,000. Although the total catch was smaller than in 1971, the value was greater due to higher prices.

Albacore brought an average of \$650 a ton, up \$20 from the previous year. Bluefin increased from \$403 to \$422; yellowfin from \$423 to \$442; and skipjack from \$378, the top price for premium fish in 1971, to \$405. Bonito brought \$205. These prices are agreed upon, in recent years, before the boats leave at the beginning of the season.

Boats whose home port is San Diego actually deliver their catch to many other parts of the world. Terminal Island, California, is a major delivery point, but canneries in Central America, Europe, and Africa also are served by our local fishermen. Only one cannery is operating in San Diego at the present time. Another company which formerly operated here has been negotiating for a new site on San Diego Bay.

Twenty-six vessels were seized by South American nations in 1972, and fines totaling almost \$1.8 million were levied. In 1971, fifty-three boats were seized and fines exceeded \$2.5 million. The 200-mile territorial limit controversy continues, with more nations, including the United States, considering adoption of this limit.

The 200-mile limit affects the large, long-range boats. In 1972 the Mexican government adopted regulations which would affect the smaller boats operating out of American ports. Among other points, these regulations require that at least half of the crew on any boat operating in Mexican waters would have to be Mexican citizens. At the end of the year the regulation was not being enforced while details of its administration were being worked out.

OTHER MARINE INDUSTRIES

1972 was a normal year for all industries in this classification, with production varying little from the previous year.

A few years ago a prolonged period of higher than normal water temperature and a large infestation of kelp damaging sea urchins caused a decline in kelp beds off the coast of Southern California. Cooler water and the use of divers to control sea urchins has led to a regrowth of the beds.

Kelp is harvested from beds extending along the coast from Baja California to Monterey, and is used to manufacture algin, a chemical with more than 200 different uses.

Manufacturers of agar-agar are studying coastal waters of Southern California and offshore islands to locate possible additional sources of the seaweed needed for their product. Much of their present supply comes from Baja California, Portugal and Africa. The local product is extremely high grade material for laboratory use.

(10)

The salt ponds of southern San Diego Bay yielded a normal crop, with no particular weather problems to interfere with the evaporation process. Harvest of brine shrimp from the salt ponds was approximately the same as in 1971, and there was little change in the production of liquid and flake magnesium chloride from residual brine.

MINERALS & MINING

Sand and Rock Products

A record number of building permits was issued in San Diego County in 1972. Ordinarily this would also mean an increase in production of sand and rock products. In 1972, while sand production increased slightly, the value dropped a little indicating a higher percentage of low-value fill sand in the total production.

Gravel and crushed rock production dropped by 1.3 million cubic yards, and the value was down \$2.3 million. Riprap dropped to a little more than half the 1971 production.

Reasons for the apparent discrepancy between the number of building permits issued and the decline in sand and rock production can be found in two factors. Many applications for building permits were submitted early in efforts to avoid restrictions imposed by new environmental protection laws, but actual construction did not start in 1972, and highway construction programs were reduced in compliance with the President's cutback in federal spending. Some coastal protection programs, for which riprap would be needed, have been delayed until environmental impact studies are completed. The Tijuana and Sweetwater flood control projects are examples.

Demand for stucco sand, produced near Oceanside, is still high, but demand for glass sand was not too good in 1972. This silica sand is produced in an operation where all possible methods of avoiding dust and other types of air pollution are being employed.

Other Mineral Products

1972 marked another big year in demand for black granite surface plates. Business expansion in general plus a wider use of these plates in industry contributed to the increased demand. Monumental stone demand was also high this year. The present quarries are finding it difficult to keep up with this demand. Imports from Africa are still not playing a large part in this industry due to high shipping costs.

Production of clay and adobe bricks continued at a steady pace.

Fewer gem pockets were mined in 1972 than in 1971, although mining and exploration continued on several properties in the Pala area, Mesa Grande, and Ramona. The nature of gem mines--generally "pocket" zones scattered through barren dike areas--makes it impossible to achieve a regular production from these mines. Many feet of barren rock may have to be mined before a pocket is encountered, and the pockets vary in size and in quality of the material found in them.

Production in 1972 consisted mostly of tourmaline and morganite beryl, with some kunzite and garnet.

PRODUCTION AND VALUE
OF SAN DIEGO COUNTY NATURAL RESOURCES
IN 1972

MARINE INDUSTRIES

Fish for fresh sale, canning, & processing	206,500 tons	\$90,915,000
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Includes fish brought to the Port of San Diego by
local fishermen, sold here, and transported to other
areas for processing.

Other Marine Industries	8,552,000
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(Agar-agar, Aigin, Brine Shrimp, Magnesium Chloride, Salt)

MINING

Sand	2,456,000 cu.yds.	\$ 5,346,000
Gravel & Crushed Rock	3,133,000 cu.yds.	8,600,000
Riprap.	76,000 tons.	<u>224,000</u>

Total Sand and Rock Products (\$14,170,000)

Note: Decomposed granite production omitted. Even
reasonably accurate estimates in this field are diffi-
cult because of the large number of small pits operated
only a few days each year

Granite	41,760 cu.ft.	322,000
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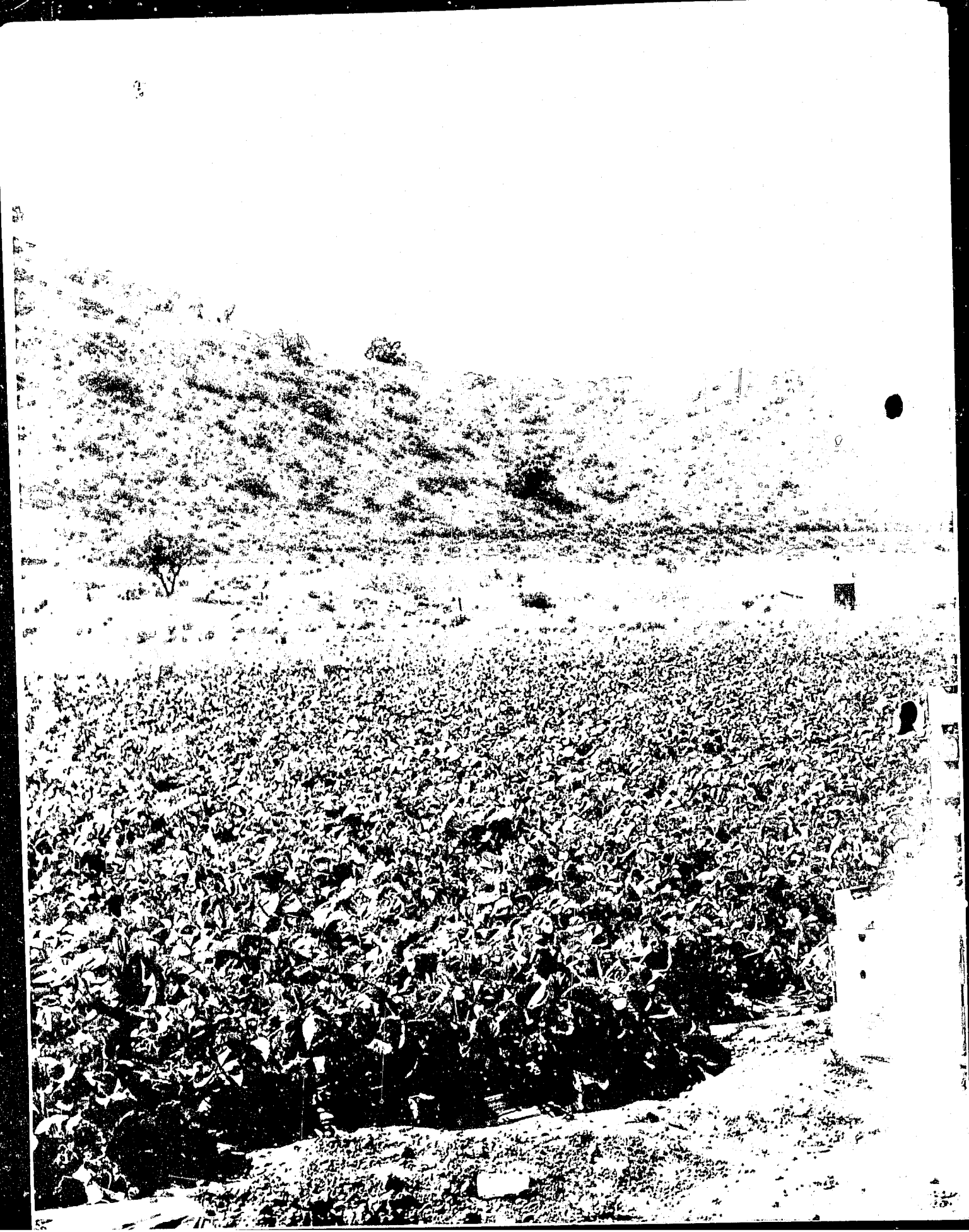
Miscellaneous Products


Bricks (Clay & Adobe))		
Gems)		3,330,000
Silica Sand)		

Total, Mining Industries	\$17,822,000
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TOTAL VALUE, ALL NATURAL RESOURCES INDUSTRIES	\$117,289,000
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*NOTE: With this issue, the annual report on Natural Resources industries
issued by this Department is being combined with our annual Agricultural
Crop Report. We hope that those who use our reports regularly will find it
handier to have this statistical information in one rather than two separate
publications.*



A large, stylized number '1973' is written in a black, handwritten font. To the left of the number is a thick, vertical black bar that spans most of the height of the page. The bar has a grainy, textured appearance. The number '1973' is positioned to the right of the bar, with the '1' being slightly taller than the other digits.

1973

AGRICULTURAL CROP and
NATURAL RESOURCES REPORT

1973

COUNTY OF SAN DIEGO
DEPARTMENT OF AGRICULTURE, WEIGHTS AND MEASURES

YESTERDAY

UNIVERSITY OF CALIFORNIA

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COUNTY OF SAN DIEGO

AGRICULTURAL COMMISSIONER
Kenneth K. Little, Jr.

5555 Overland Avenue, Building 3
San Diego, California 92123
Telephone 565-5764

BOARD OF SUPERVISORS:

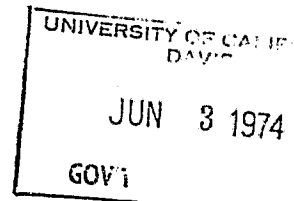
Lou Conde, District 3, Chairman

Jack Walsh, District 1

Dick Brown, District 2

Jim Bear, District 4

Lee R. Taylor, District 5



COUNTY ADMINISTRATOR

Frank D. Aleshire

SPECIAL PUBLIC SERVICES AGENCY

James M. Moon, Administrator

COVER: Dry-farmed barley has long played a part in San Diego County's agricultural history, having been a major crop in the days before ample irrigation water was available for vegetable, fruit, and flower crops. But it was not until 1973, with its high demand for feed crops, that the value of grain barley exceeded one million dollars. The cover picture titled "Yesterday" is used through the courtesy of Henry and Herman Piper, long-time ranchers in southern San Diego County.

(2)

MOST IMPORTANT COMMODITIES, 1973

Eggs	\$49,745,000	Celery	\$2,092,000
Tomatoes	29,453,000	Potatoes	2,062,000
Avocados	28,609,000	Gladiolus	2,025,000
Milk	19,248,000	Meat Chickens	1,505,000
Lemons	9,205,000	Cauliflower	1,448,000
Strawberries	6,810,000	Grapefruit	1,376,000
Valencia Oranges	6,364,000	Cucumbers	1,336,000
Cattle & Calves	6,149,000	Barley	1,064,000
Carnations	5,527,000	Navel Oranges	1,048,000
Tangerines, Tangelos	2,470,000		

S U M M A R Y

	1972		1973	
	Acres	Value	Acres	Value
Field Crops	16,545(a)	\$ 1,126,200	20,850(a)	\$ 3,084,800
Fruit & Nut Crops:				
Bearing	25,375	40,624,300	28,308	56,913,000
Nonbearing	4,800		2,570	
Vegetable Crops	8,980	35,980,200	8,686	41,184,300
Nursery Products & Market Flowers	602(b)	31,055,000	770(b)	37,283,000
Livestock & Poultry		14,327,000		10,274,000
Livestock & Poultry Products		44,365,000(c)		69,403,000
Apiary		33,000		1,200,000
TOTAL	56,302	167,510,700(c)	61,184	219,342,100

(a) Not including noncultivated range and pasture land

(b) Nursery crop acreage only; flower acreage not reported

(c) Revised

SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE, WEIGHT & MEASURES

To: Mr. C. B. Christensen, Director
California Department of Food and 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 1973, as required by Section 2279 of the California Agricultural Code.

Total agricultural value reached \$219,342,100, an increase of 30.9% over the record 1972 production.

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 these figures represent gross values for products, whether they were sold or used on the farm where grown. They are not net values, and do not reflect costs of production. And while prices for most farm products reached a high level in 1973, so did costs of all supplies and services needed to produce these crops.

Egg production values increased to \$49,745,000, almost double the 1972 figure, but feed costs almost doubled, too. Although egg producers are expected to show a slight profit for 1973, they have operated at a loss for five of the last six years.

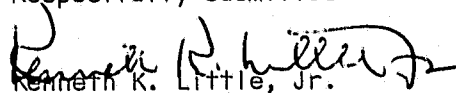
Tomatoes again were our most important plant product, reaching a total value of \$29,453,000. Avocados at \$28,609,000 and milk at \$19,248,000 were next in importance. In all, nineteen crops exceeded a million dollars in value.

For the first time in the County's agricultural history, our barley grain crop has exceeded a million dollars in value. Although larger acreages have been planted in past years, the tremendous demand for feed grains brought prices to a very high level, and good rains led to a higher than normal yield.

The only major decline in value was in beef cattle, and this was apparently because cattle were held on ranches instead of being sold. An ample crop of forage made it possible for these cattle to be held off the market in anticipation of better prices.

Rex O. Baker, Deputy Agricultural Commissioner, and Barbara E. Biewener, Senior Stenographer, compiled this report from information provided by many organizations and individuals. I wish to express my appreciation to everyone who furnished the necessary figures.

Respectfully submitted


Kenneth K. Little, Jr.
AGRICULTURAL COMMISSIONER

(4)

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Barley	1973	9,330	1.2	11,200	Ton	\$ 95	\$ 1,064,000
	1972	900	0.4	360	Ton	60	21,600
Beans, Dry Edible Limas, Blackeyes	1973	1,210	0.7	845	Ton	679	574,000
	1972	780	0.74	575	Ton	398	229,000
Green Chop	1973	1,450	13.2	19,100	Ton	12	229,000
	1972	960	17.5	16,800	Ton	11	185,000
Hay, Alfalfa	1973	325	4.1	1,325	Ton	53	70,200
	1972	325	4.0	1,300	Ton	24	31,200
Hay, Grain	1973	4,370	1.4	6,120	Ton	56	343,000
	1972	2,430	1.2	2,900	Ton	37	107,000
Pasture & Range Irrigated	1973	1,725	xx	xx	Acre	90	163,000
	1972	1,630	xx	xx	Acre	89	145,000
Other	1973	393,000	xx	xx	Acre	0.60	236,000
	1972	394,000	xx	xx	Acre	0.60	236,000
Silage Corn	1973	1,280	15.0	19,200	Ton	16	307,000
	1972	250	23.8	5,950	Ton	12	71,400
Misc. Field Crops Barley, Oats & Rye for Pasture	1973	1,160	xx	xx	xx	xx	98,600
	1972	9,270	xx	xx	xx	xx	100,000
TOTAL	1973	413,850	xx	xx	xx	xx	\$ 3,084,800
	1972	410,545	xx	xx	xx	xx	\$ 1,126,200

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

(5)

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Avocados	1973	12,200	3.5	42,700	Ton	\$670	\$28,609,000
	1972	11,315	1.5	16,970	Ton	1,012	17,174,000
Nonbearing Acres	1973	(1,060)					
	1972	(1,850)					
Grapes	1973	35	3.2	112	Ton	290	32,500
Table Varieties	1972	20	3.0	60	Ton	248	14,880
Wine Varieties	1973	220	1.25	275	Ton	230	63,200
	1972	230	2.5	575	Ton	175	101,000
Strawberries	1973	635	21.0	13,300	Ton	512	6,810,000
	1972	575	21.0	12,075	Ton	456	5,506,000
Misc. Fruits & Nuts	1973	700	xx	xx	xx	xx	313,000
Apples, Cherimoya,	1972	800	xx	xx	xx	xx	90,300
Macadamia Nut, Peach							
Pear, Persimmon, Walnut							
Nonbearing Acres	1973	(210)					
	1972	(250)					
<u>CITRUS</u>							
Grapefruit	1973	465	17.4(a)	6,900	Ton	196	1,352,000
Fresh Market	1972	250	12.9(a)	1,750	Ton	220	385,000
Byproduct	1973	xx	xx	1,200	Ton	20	24,000
	1972	xx	xx	1,475	Ton	42	61,950
Nonbearing Acres	1973	(190)					
	1972	(350)					
Lemons	1973	2,598(b)	24.0(a)	31,600	Ton	233	7,363,000
Fresh Market	1972	1,850	16.2(a)	20,380	Ton	271	5,523,000
Byproduct	1973	xx	xx	30,700	Ton	60	1,842,000
	1972	xx	xx	9,590	Ton	71	681,000
Nonbearing Acres	1973	(560)(b)					
	1972	(435)					
Limes	1973	280	14.0(a)	3,140	Ton	178	559,000
Fresh Market	1972	280	11.0(a)	1,540	Ton	188	290,000
Byproduct	1973	xx	xx	785	Ton	80	62,800
	1972	xx	xx	1,540	Ton	40	61,600
Nonbearing Acres	1973	(45)					
	1972	(45)					

(6)

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Oranges, Navels & Misc., Fresh Market	1973	1,060	7.2(a)	6,110	Ton	\$168	\$ 1,026,000
	1972	980	6.7(a)	4,925	Ton	170	837,000
Byproduct	1973	xx	xx	1,250	Ton	18	22,500
	1972	xx	xx	1,640	Ton	26	42,640
Nonbearing Acres	1973	(85)					
	1972	(165)					
Oranges, Valencia Fresh Market	1973	9,085	7.0(a)	38,200	Ton	140	5,348,000
	1972	8,185	10.3(a)	50,605	Ton	145	7,338,000
Byproduct	1973	xx	xx	25,400	Ton	40	1,016,000
	1972	xx	xx	33,700	Ton	38	1,281,000
Nonbearing Acres	1973	(380)					
	1972	(1,280)					
Tangerines, Tangelos Temple Oranges Fresh Market	1973	1,030	17.4(a)	12,000	Ton	195	2,340,000
	1972	890	10.5(a)	6,540	Ton	178	1,164,000
Byproduct	1973	xx	xx	5,900	Ton	22	130,000
	1972	xx	xx	2,805	Ton	26	72,930
Nonbearing Acres	1973	(40)					
	1972	(425)					
TOTAL CITRUS	1973	(14,518)	xx	xx	xx	xx	(21,085,300)
	1972	(12,435)	xx	xx	xx	xx	(17,738,120)
<u>Total Nonbearing Acres</u>	1973	(1,300)					
	1972	(2,700)					
TOTAL	1973	28,308	xx	xx	xx	xx	\$56,913,000
	1972	25,375	xx	xx	xx	xx	\$40,624,300
Total Nonbearing Acres	1973	(2,570)					
	1972	(4,800)					

(a) Yield per acre includes fruit for both fresh and byproduct use.

(b) Acreage figures provided by Lemon Administrative Committee;

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE

(7)

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Beans, Snap	1973	260	2.7	700	Ton	\$350	\$ 245,000
	1972	360	4.3	1,550	Ton	279	432,000
Bunch Vegetables	1973	100	xx	xx	xx	xx	127,000
Beets, Chard,	1972	115	xx	xx	xx	xx	169,000
Chives, Collards, Endive, Green Onions, Kale, Kohlrabi, Mustard Greens, Parsley Radishes, Spinach, Turnips							
Cabbage	1973	415	18.5	7,680	Ton	104	799,000
	1972	715	10.0	7,150	Ton	75	536,000
Cauliflower	1973	510	6.7	3,415	Ton	424	1,448,000
	1972	210	6.9	1,450	Ton	301	436,000
Celery	1973	435	29.0	12,600	Ton	166	2,092,000
	1972	600	30.0	18,000	Ton	188	3,384,000
Corn, Sweet	1973	325	7.1	2,310	Ton	147	340,000
	1972	235	6.2	1,460	Ton	114	166,000
Cucumbers	1973	220	24.6	5,410	Ton	247	1,336,000
	1972	180	23.0	4,140	Ton	284	1,176,000
Melons, Watermelon	1973	35	3.8	135	Ton	84	11,300
	1972	20	5.0	100	Ton	83	8,300
Peppers, Bell	1973	145	7.2	1,045	Ton	261	273,000
	1972	190	7.3	1,385	Ton	201	278,000
Peppers, Chili, Green	1973	40	5.2	210	Ton	565	119,000
	1972	65	2.0	130	Ton	453	58,900
Potatoes	1973	625	20.0	12,500	Ton	165	2,062,000
	1972	600	22.0	13,200	Ton	98	1,294,000
Romaine	1973	107	25.0	2,675	Ton	160	428,000
	1972	120	7.5	900	Ton	140	126,000
Squash	1973	385	9.6	3,700	Ton	255	944,000
	1972	355	7.4	2,625	Ton	174	457,000
Tomatoes, Fresh Market							
Spring	1973	(1,020)	(36.8)	(37,500)	Ton	(300)	(11,250,000)
	1972	(1,050)	(27.8)	(29,190)	Ton	(234)	(6,830,000)
Summer	1973	(330)	(36.0)	(11,900)	Ton	(250)	(2,975,000)
	1972	(300)	(33.6)	(10,100)	Ton	(258)	(2,606,000)
Fall	1973	(3,135)	(24.5)	(76,800)	Ton	(196)	(15,053,000)
	1972	(3,160)	(19.4)	(61,300)	Ton	(271)	(16,612,000)

(Continued on next page)

(8)

VEGETABLE CROPS, CONTINUED

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
<i>Hothouse (Hydroponic)</i> 1973		(4)	(65.7)	(265)	xx	(660)	(175,000)
(a)							
Total, Fresh	1973	4,489	xx	xx	xx	xx	29,453,000
Market Tomatoes	1972	4,510	xx	xx	xx	xx	26,048,000
Misc. Vegetables	1973	595	xx	xx	xx	xx	1,507,000
Asparagus, Chayotes, 1972		705	xx	xx	xx	xx	1,411,000
Cherry Tomatoes, Eggplant, Garlic, Gourds, Leaf Lettuce, Mushrooms, Ornamental Corn, Squash, Peas, Pumpkins, and Sweet Potatoes							
TOTAL	1973	8,686	xx	xx	xx	xx	\$41,184,300
	1972	8,980	xx	xx	xx	xx	\$35,980,200

(a) Not reported previously

NURSERY PRODUCTS AND MARKET FLOWERS: ACRES, SALES AND VALUE

(9)

Item	Year	Acres	Quantity Sold	Unit	Total Value
Citrus & Subtropical Fruit Trees	1973	110	414,000	Plant	\$ 1,405,000
	1972	110	479,000	Plant	1,607,000
Ornamental Trees & Shrubs	1973	510	6,448,000	Plant	6,975,000
	1972	350	4,550,000	Plant	5,086,000
Bedding Plants	1973	60	(a)	xx	5,811,000
	1972	50	(a)	xx	2,637,000
Herbaceous Perennials	1973	60	(a)	Plant	454,000
	1972	65	(a)	Plant	358,000
Cactus & Succulents	1973	30	(a)	xx	1,033,000
	1972	27	(a)	xx	788,000
Bulbs, Corms, Rhizomes, Roots, Tubers	1973	xx	xx	xx	986,000
	1972	xx	xx	xx	723,000
<i>SUBTOTAL, NURSERY STOCK</i>	1973	(770)	xxx	xxx	(16,664,000)
	1972	(602)	xxx	xxx	(11,199,000)
Carnations	1973(b)	xx	(a)	Bloom	5,527,000
	1972(b)	xx	77,003,000	Bloom	6,196,000
Gladiolus	1973	xx	(a)	Spikes	2,025,000
	1972	xx	20,842,000	Spikes	2,125,000
Christmas Trees (Cut)	1973(c)	xx	40,900	Tree	396,000
All Others Includes more than forty kinds of cut flowers, about fifteen kinds of potted flowers and foliage plants	1973	xx	xx	xx	12,671,000
	1972	xx	xx	xx	11,535,000
<i>SUBTOTAL, CUT FLOWERS AND POTTED PLANTS</i>	1973	xxx	xxx	xxx	(20,619,000)
	1972	xxx	xxx	xxx	(19,856,000)
<hr/>					
TOTAL	1973	xx	xx	xx	\$37,283,000
	1972	xx	xx	xx	\$31,055,000

(a) Not available

(b) Figures supplied by California Crop and Livestock Reporting Service
from joint Federal-State Horticulture Survey.

(c) Not reported previously

(10)

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	P R O D U C T I O N		Unit	V A L U E	
		No. of Head	Total Liveweight		Per Unit	Total
Cattle & Calves (a)	1973	22,950	143,000	Cwt.	\$ 43.00	\$ 6,149,000
	1972	38,000	274,000	Cwt.	38.00	10,412,000
Hogs and Pigs	1973	2,300	5,190	Cwt.	41.00	213,000
	1972	6,200	8,680	Cwt.	26.00	226,000
Chickens, Misc. Meat (b)	1973	2,688,000	10,752,000	Lb.	0.14	1,505,000
	1972	2,688,000	10,752,000	Lb.	0.05	538,000
Rabbits	1973	486,000	2,187,000	Lb.	0.37	809,000
	1972	540,000	2,430,000	Lb.	0.31	753,000
Misc. Meat & Poultry Lamb, Poults, Re- placement Pullets, Turkeys	1973	xx	xx	xx	xx	1,598,000
	1972	xx	xx	xx	xx	2,398,000
TOTAL	1973	xx	xx	xx	xx	\$10,274,000
	1972	xx	xx	xx	xx	\$14,327,000

(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	V A L U E	
				Per Unit	Total
Milk, Market	1973	2,839,000	Cwt.	\$ 6.78	\$19,248,000
	1972(a)	3,517,000	Cwt.	5.87	17,710,000
Eggs, Chicken, Market	1973	105,840,000	Doz.	0.47	49,745,000
	1972	104,720,000	Doz.	0.25	26,180,000
Misc. Products Turkey Eggs, Wool	1973	xx	xx	xx	410,000
	1972	xx	xx	xx	475,000
TOTAL	1973	xx	xx	xx	\$69,403,000
	1972(a)	xx	xx	xx	\$44,365,000

(a) Revised

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	V A L U E	
				Per Unit	Total
Honey, Beeswax and, Packaged Bees	1973	xx	xx	xx	\$ 1,200,000
	1972	xx	xx	xx	\$ 33,000

FISHING

Approximately 130,800 short tons of tropical varieties of tuna were caught by San Diego based boats in 1973, to reach a value of \$63 million. Although much of the catch is delivered to other ports for canning, a large part of the sales value returns to contribute to San Diego's economy since the boats and fishermen are based here.

The 120 vessels fishing out of the Port of San Diego for tropical tuna species have a capacity of 50,000 tons. They make an average of 2.98 trips per year, fishing mainly in the Eastern and East Central Pacific regions, and only a little in the Atlantic. Yellowfin is the most important species caught, making up 81% of the landings and 82% of the value of the catch.

OTHER MARINE INDUSTRIES

Cold weather slowed evaporation, so salt production was lower than normal in 1973. Production of chemicals from bitterns was about the same as in 1972, but production costs have increased. Little change has been noted in production of other ocean-oriented commodities such as agar-agar, algin, and brine shrimp.

MINERALS AND MINING

Sand and rock production increased over last year, but the rate of production started to decline toward the end of the year due to the general drop in construction of all kinds except industrial building. Both federal and state highway funding are down, and 1974 is expected to be the lowest year for this type of work in many years. Most contracts are nearing completion, and no new ones are in sight.

Other problems affecting the construction industry are the slow methods of processing building permits, new requirements for environmental impact statements, and the growing number of governmental agencies or commissions and self-appointed citizens groups, whose input or permission is required before a permit is issued. Although direction or control of the area's growth can be desirable, the time required to process a building permit can add tremendously to the cost of a project.

The energy crisis has also affected the sand and rock industry by sharply increasing transportation costs for these essentially low-value commodities.

OTHER MINERAL PRODUCTS

Demand for silica sand produced from clay-sand deposits near Oceanside remains high.

Although demand for granite for surface plates has slowed somewhat, its use as a base for precision machines is growing. The granite bases dampen and absorb vibration, rather than amplifying it as metal bases do. The present high cost of bronze for cemetery markers has led to increased demand for flat granite plates as a substitute.

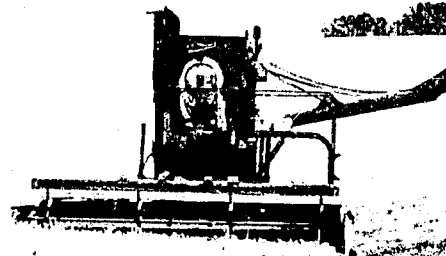
Regular activity in the gem mines of the Pala district has resulted in good production of fine quality tourmaline and beryl specimen and gem-grade material. A limited amount of tourmaline has also been produced in other gem-bearing districts of the County, as well as some spessartite garnet for which the Ramona area is noted, and some kunzite.

(12)

PRODUCTION AND VALUE
OF SAN DIEGO COUNTY NATURAL RESOURCES

Item	Year	Unit	Total
MARINE INDUSTRIES			
Fish for fresh sale, canning, & processing	1973	131,900 tons	\$ 64,100,000
	1972(a)	205,000 tons	60,000,000
Includes fish brought to the Port of San Diego by local fishermen, sold here, and transported to other areas for processing.			
Other Marine Industries	1973	xx	8,539,000
	1972	xx	8,552,000
(Agar-agar, Algin, Brine Shrimp, Magnesium Chloride, Salt)			
MINING			
Sand	1973	4,168,000 cu. yds.	6,521,000
	1972	2,456,000 cu. yds.	5,346,000
Gravel & Crushed Rock	1973	5,724,000 cu. yds.	9,398,000
	1972	3,133,000 cu. yds.	8,600,000
Riprap	1973	78,000 tons	219,000
	1972	76,000 tons	224,000
<i>Total Sand and Rock Products</i>	1973	xxx	(16,038,000)
	1972	xxx	(14,170,000)
Note: Decomposed granite production omitted. Even reasonably accurate estimates in this field are diffi- cult because of the large number of small pits operated only a few days each year			
Granite	1973	31,060 cu. ft.	245,000
	1972	41,760 cu. ft.	322,000
Miscellaneous Products	1973	xx	3,866,000
	1972	xx	3,330,000
Bricks (Clay & Adobe))		
Gems)		
Silica Sand)		
Total, Mining Industries	1973	xx	20,149,000
	1972	xx	17,822,000
TOTAL VALUE, ALL NATURAL RESOURCES INDUSTRIES	1973	xx	\$ 92,788,000
	1972(a)	xx	\$ 86,374,000

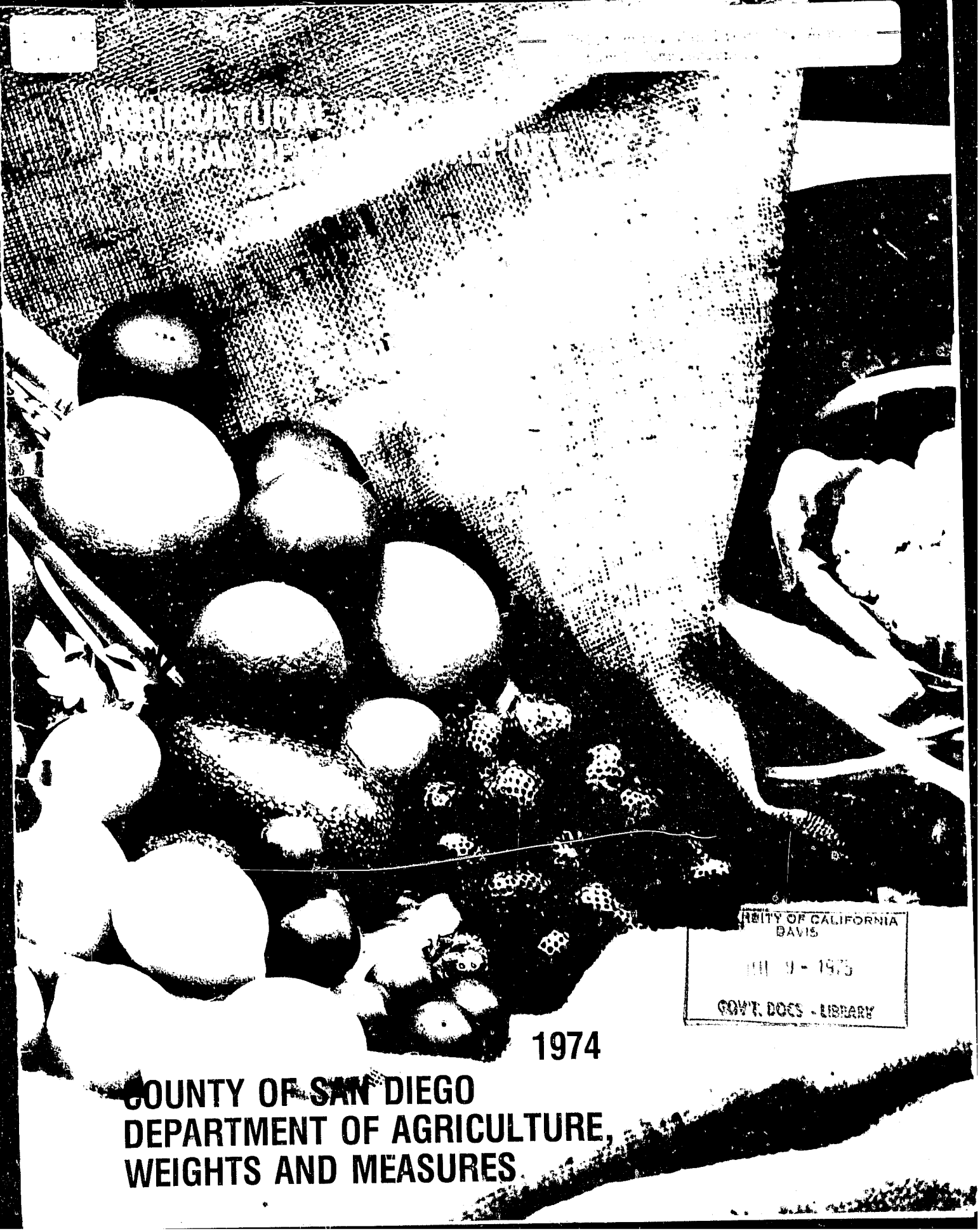
(a) Revised. Report as printed in 1972 inadvertently included figures for entire state.



TODAY



1974



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COUNTY OF SAN DIEGO
DEPARTMENT OF AGRICULTURE,
WEIGHTS AND MEASURES

C O U N T Y O F S A N D I E G O

AGRICULTURAL COMMISSIONER
Kenneth K. Little, Jr.

5555 Overland Avenue, Building 3
San Diego, California 92123
Telephone 565-5764

BOARD OF SUPERVISORS:

Dick Brown, District 2, Chairman

Jack Walsh, District 1

Lou Conde, District 3

Jim Bates, District 4

Lee R. Taylor, District 5

ACTING COUNTY ADMINISTRATOR

David K. Speer

SPECIAL PUBLIC SERVICES AGENCY

James M. Moon, Administrator

COVER: Some of the more important fruits and vegetables
produced in San Diego County. Bridget O'Malley of Human
Care Services, and Hans Wendt, Photographer, Public In-
formation Services, County of San Diego, arranged and
photographed these products.

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(2)

MOST IMPORTANT COMMODITIES, 1974

Tomatoes	\$47,998,000	Gladiolus	\$2,112,000
Eggs	46,740,000	Tangerines, Tangelos	2,082,000
Avocados	25,966,000	Celery	1,733,000
Milk	25,475,000	Cucumbers	1,605,000
Lemons	8,431,000	Navel Oranges	1,474,160
Strawberries	8,152,000	Potatoes	1,176,000
Cattle & Calves	6,845,000	Cauliflower	1,117,000
Valencia Oranges	6,023,000	Cherry Tomatoes	1,030,000
Carnations	4,808,000		

S U M M A R Y

	1 9 7 3		1 9 7 4	
	Acres	Value	Acres	Value
Field Crops	20,850(a)	\$ 3,076,800(b)	20,665(a)	\$ 2,727,350
Fruit & Nut Crops:				
Bearing	28,308	56,913,000	27,720	54,033,610
Nonbearing	2,570		2,840	
Vegetables	8,686	41,184,300	8,985	60,339,000
Nursery Products & Market Flowers	770(c)	37,283,000	825(c)	40,135,000
Livestock & Poultry		10,274,000		9,686,000
Livestock & Poultry Products		69,596,000(b)		72,640,000
Apiary		1,200,000		300,000
TOTAL	61,184	\$219,527,100(b)	61,035	\$239,860,960

(a) Not including uncultivated range & pasture land

(b) Revised

(c) Nursery crop acreage only; flower acreage not reported

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SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE, WEIGHTS & MEASURES

(3)

To: Dr. Luther Tim Wallace, Director
California Department of Food and 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 1974, as required by Section 2279 of the California Food and Agricultural Code.

The total value of \$239,860,960 reported is more than \$20 million higher than the record 1973 production, but it must be remembered that costs of farming also reached record levels in 1974.

The reported figures represent gross values for products, whether they were sold or used on the farm where grown. THEY ARE NOT NET VALUES, AND DO NOT REFLECT COSTS OF PRODUCTION.

Tomatoes took first place with a total value of nearly \$48 million, almost \$19 million over the 1973 figure, although 100 fewer acres were planted in 1974. Much higher unit prices accounted for this tremendous increase. At the same time, fertilizer and pesticide prices doubled or tripled; the plastic used to cover the plants went up \$150 an acre; stakes and wire to support the vines and boxes to hold the fruit all increased in cost. And farmers have felt the added costs of the energy crisis, as we all have.


Eggs, at \$46.7 million, were second in value. Egg prices dropped from 47¢ a dozen in 1973 to only 41¢ in 1974. Feed costs and other operating expenses continued to go up as egg prices went down. As a result, several producers have gone out of business. Some of the larger producers, however, have added hog feed lots to their operations, using cull eggs as feed, so our small hog sales went up somewhat in 1974.

Third in importance is our avocado crop. The yield per acre was lower in 1974 than in 1973, but the price per ton was higher, so the total value of nearly \$26 million is only \$2.6 million under the record 1973 production. Here again, higher returns were offset by higher production costs.

The number of dairies in San Diego County decreased by six in 1974, but the remaining dairies increased the size of their herds. Milk production was up by 131,000 cwt., and the price increased by \$1.72 per cwt., to make milk our fourth most important product at \$25.5 million.

Since our annual reports now include statistics on the County's natural resources industries, our tuna industry, with returns of \$76 million for 1974, well above any of our agricultural products, and the sand and rock industry at \$12.5 million, should be noted in this discussion. Further information on these industries will be found on pages 11 and 12.

Raymond W. Rinder, Deputy Agricultural Commissioner, and Barbara E. Biewener, Senior Stenographer, compiled this report from information provided by many organizations and individuals. I wish to express my appreciation to everyone who assisted in providing the necessary data.


Kenneth K. Little, Jr.
AGRICULTURAL COMMISSIONER

(4)

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Barley	1974	10,250	0.62	6,355	Ton	\$127	\$ 807,000
	1973	9,330	1.2	11,200	Ton	95	1,064,000
Beans, Dry Edible Limas, Blackeyes	1974	1,240	0.7	870	Ton	492	428,000
	1973	1,210	0.7	845	Ton	679	574,000
Green Chop	1974	2,525	11.3	28,530	Ton	11	314,000
	1973	1,450	13.2	19,100	Ton	12	229,000
Hay, Alfalfa	1974	525	3.0	1,575	Ton	58	91,350
	1973	325	4.1	1,325	Ton	53	70,200
Hay, Grain	1974	1,890	1.5	2,835	Ton	67	190,000
	1973	4,370	1.4	6,120	Ton	56	343,000
Pasture & Range, Irrigated	1974	1,730	xx	xx	Acre	94	163,000
	1973(a)	1,725	xx	xx	Acre	90	155,000
Other	1974	392,000	xx	xx	Acre	0.60	235,000
	1973	393,000	xx	xx	Acre	0.60	236,000
Silage Corn	1974	1,205	14.3	17,230	Ton	19	327,000
	1973	1,280	15.0	19,200	Ton	16	307,000
Misc. Field Crops Barley, Oats, Wheat, Cotton	1974	1,300	xx	xx		xx	172,000
	1973	1,160	xx	xx		xx	98,600
TOTAL	1974	412,665	xx	xx		xx	\$2,727,350
	1973(a)	413,850	xx	xx		xx	3,076,800

(a) Revised

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Avocados	1974	12,225	3.0	36,675	Ton	\$708	\$25,966,000
	1973	12,200	3.5	42,700	Ton	670	28,609,000
Nonbearing Acres	1974	(1,195)					
	1973	(1,060)					
Grapes, Wine	1974	170	1.8	305	Ton	250	76,250
	1973	220	1.25	275	Ton	230	63,200
Nonbearing Acres	1974	(450)					
Strawberries	1974	640	22.0	14,080	Ton	579	8,152,000
	1973	635	21.0	13,300	Ton	512	6,810,000
Misc. Fruits & Nuts	1974	640	xx	xx		xx	403,000
Apple, Cherimoya, Fig, Macadamia Nut, Peach, Pear, Persimmon, Plum, Walnut	1973	700	xx	xx		xx	345,500
Nonbearing Acres	1974	(300)					
	1973	(210)					
<u>CITRUS</u>							
Grapefruit, Fresh Market	1974	465	7.2(a)	2,680	Ton	280	750,000
	1973	465	17.4(a)	6,900	Ton	196	1,352,000
Byproduct	1974	xx	xx	670	Ton	40	26,800
	1973	xx	xx	1,200	Ton	20	24,000
Nonbearing Acres	1974	(220)					
	1973	(190)					
Lemons, Fresh Market	1974	2,800	15.0(a)	24,360	Ton	299	7,284,000
	1973	2,598	24.0(a)	31,600	Ton	233	7,363,000
Byproduct	1974	xx	xx	17,640	Ton	65	1,147,000
	1973	xx	xx	30,700	Ton	60	1,842,000
Nonbearing Acres	1974	(450)					
	1973	(560)					
Limes, Fresh Market	1974	305	14.0(a)	3,415	Ton	170	581,000
	1973	280	14.0(a)	3,140	Ton	178	559,000
Byproduct	1974	xx	xx	855	Ton	80	68,400
	1973	xx	xx	785	Ton	80	62,800
Nonbearing Acres	1974	(20)					
	1973	(45)					

(6)

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Oranges, Navel Fresh Market	1974	1,015	7.5(a)	6,090	Ton	\$240	\$ 1,462,000
	1973	1,060	7.2(a)	6,110	Ton	168	1,026,000
Byproduct	1974	xx	xx	1,520	Ton	8	12,160
	1973	xx	xx	1,250	Ton	18	22,500
Nonbearing Acres	1974	(135)					
	1973	(85)					
Oranges, Valencia Fresh Market	1974	9,115	3.7(a)	25,970	Ton	220	5,713,000
	1973	9,085	7.0(a)	38,200	Ton	140	5,348,000
Byproduct	1974	xx	xx	7,755	Ton	40	310,000
	1973	xx	xx	25,400	Ton	40	1,016,000
Nonbearing Acres	1974	(360)					
	1973	(380)					
Tangerines, Tangelos Fresh Market	1974	985	8.8(a)	7,370	Ton	280	2,064,000
	1973	1,030	17.4(a)	12,000	Ton	195	2,340,000
Byproduct	1974	xx	xx	1,300	Ton	60	18,000
	1973	xx	xx	5,900	Ton	22	130,000
Nonbearing Acres	1974	(160)					
	1973	(40)					
TOTAL CITRUS	1974	(14,685)	xx	xx		xx	(19,436,360)
	1973	(14,518)	xx	xx		xx	(21,085,300)
Total Nonbearing Acres	1974	(1,345)					
	1973	(1,300)					
TOTAL	1974	27,720	xx	xx		xx	\$54,033,610
	1973	28,308	xx	xx		xx	56,913,000
Nonbearing Acres	1974	(2,840)					
	1973	(2,570)					

(a) Yield per acre includes fruit for both fresh and byproduct use.

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Beans, Snap	1974	210	4.2	882	Ton	\$380	\$ 335,000
	1973	260	2.7	700	Ton	350	245,000
Bunch Vegetables	1974	80	xx	xx		xx	187,000
Beets, Chard, Chives, 1973		100	xx	xx		xx	127,000
Collards, Endive, Green Onions, Kohlrabi, Mustard Greens, Parsley, Radishes, Spinach, Turnips							
Cabbage	1974	530	16.7	8,850	Ton	93	823,000
	1973	415	18.5	7,680	Ton	104	799,000
Cauliflower	1974	380	6.0	2,280	Ton	490	1,117,000
	1973	510	6.7	3,415	Ton	424	1,448,000
Celery	1974	660	32.4	21,400	Ton	81	1,733,000
	1973	435	29.0	12,600	Ton	166	2,092,000
Cherry Tomatoes	1974(a)	75	16.0	1,200	Ton	858	1,030,000
Corn, Sweet	1974	365	6.8	2,480	Ton	200	496,000
	1973	325	7.1	2,310	Ton	147	340,000
Cucumbers	1974	265	20.6	5,460	Ton	294	1,605,000
	1973	220	24.6	5,410	Ton	247	1,336,000
Peppers, Bell	1974	185	10.9	2,015	Ton	238	480,000
	1973	145	7.2	1,045	Ton	261	273,000
Peppers, Chili, Green	1974	65	4.6	300	Ton	546	164,000
	1973	40	5.2	210	Ton	565	119,000
Potatoes	1974	650	18.5	12,000	Ton	98	1,176,000
	1973	625	20.0	12,500	Ton	165	2,062,000
Romaine	1974	115	14.0	1,610	Ton	110	177,000
	1973	107	25.0	2,675	Ton	160	428,000
Squash	1974	445	7.2	3,205	Ton	307	984,000
	1973	385	9.6	3,700	Ton	255	944,000
Tomatoes, Fresh Market Spring	1974	(1,100)	(36.5)	(40,150)	Ton	(353)	(14,173,000)
	1973	(1,020)	(36.8)	(37,500)	Ton	(300)	(11,250,000)
Summer	1974	(185)	(41.0)	(7,585)	Ton	(322)	(2,443,000)
	1973	(330)	(36.0)	(11,900)	Ton	(250)	(2,975,000)
Fall	1974	(3,095)	(28.7)	(88,900)	Ton	(353)	(31,382,000)
	1973	(3,135)	(24.5)	(76,800)	Ton	(196)	(15,053,000)
Total, Fresh Market Tomatoes	1974	4,380	xx	xx		xx	47,998,000
	1973(b)	4,485	xx	xx		xx	29,278,000

(8)

VEGETABLE CROPS, CONTINUED

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Misc. Vegetables	1974	580	xx	xx		xx	\$ 2,034,000
Asparagus, Blackeyed	1973(b)	635	xx	xx		xx	1,693,300
Beans, Brussels Sprouts, Cactus Pads, Chayotes, Cucumbers (Hot-house Grown,) Eggplant, Garlic, Gourds, Jerusalem Artichokes, Leaf Lettuce, Mushrooms, Ornamental Corn, Peas, Pumpkins, Sweet Potatoes, Tomatillos, Tomatoes (Hydroponically Grown,) Watermelons							
TOTAL	1974	8,985	xx	xx		xx	\$60,339,000
	1973	8,686	xx	xx		xx	41,184,3

(a) Cherry tomatoes included in Miscellaneous Vegetables in 1973
 (b) Revised

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

Item	Year	Acres	Quantity Sold	Unit	Total Value
Citrus & Subtropical Fruit Trees	1974	120	396,000	Plant	\$ 1,732,000
	1973	110	414,000	Plant	1,405,000
Ornamental Trees & Shrubs	1974	535	7,377,000	Plant	5,454,000
	1973	510	6,448,000	Plant	6,975,000
Bedding Plants	1974	50	xx	xx	4,465,000
	1973	60	xx	xx	5,811,000
Herbaceous Perennials	1974	70	xx	xx	996,000
	1973	60	xx	xx	454,000
Cactus & Succulents	1974	50	xx	xx	2,011,000
	1973	30	xx	xx	1,033,000
Bulbs, Corms, Rhizomes, Roots, Tubers	1974	xx	xx	xx	975,000
	1973	xx	xx	xx	986,000
SUBTOTAL, NURSERY STOCK	1974	(825)	xxx	xxx	(15,633,000)
	1973	(770)	xxx	xxx	(16,664,000)
Carnations	1974(a)	xx	62,524,000	Blooms	4,808,000
	1973(a)	xx	(b)	Blooms	5,527,000
Gladiolus	1974(a)	xx	16,680,000	(Dozen	2,112,000
	1973(a)	xx	(b)	(Spikes	2,025,000
Christmas Trees (Cut)	1974	xx	32,630	Tree	360,000
	1973	xx	40,900	Tree	396,000
All Others Includes more than forty kinds of cut flowers, about fifteen kinds of potted flowers and foliage plants	1974	xx	xx	xx	17,222,000
	1973	xx	xx	xx	12,671,000
SUBTOTAL, CUT FLOWERS AND POTTED PLANTS	1974	xxx	xxx	xxx	(24,502,000)
	1973	xxx	xxx	xxx	(20,619,000)
TOTAL	1974	xx	xx	xx	\$40,135,000
	1973	xx	xx	xx	37,283,000

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

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	P R O D U C T I O N		Unit	V A L U E	
		No. of Head	Total Liveweight		Per Unit	Total
Cattle & Calves (a)	1974	26,400	185,000	Cwt.	\$37.00	\$ 6,845,000
	1973	22,950	143,000	Cwt.	43.00	6,149,000
Hogs and Pigs	1974	3,700	8,325	Cwt.	35.00	291,000
	1973	2,300	5,190	Cwt.	41.00	213,000
Chickens, Misc. Meat	1974	2,500,000	10,000,000	Lb.	0.06	600,000
	1973	2,688,000	10,752,000	Lb.	0.14	1,505,000
Rabbits	1974	462,000	2,079,000	Lb.	0.38	790,000
	1973	486,000	2,187,000	Lb.	0.37	809,000
Misc. Meat & Poultry Lamb, Poults, Replacement Pullets, Turkeys	1974	xx	xx		xx	1,160,000
	1973	xx	xx		xx	1,598,000
TOTAL	1974	xx	xx		xx	\$ 9,686,000
	1973	xx	xx		xx	10,274,000

(a) Includes dairy animals sold for slaughter

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	V A L U E	
				Per Unit	Total
Milk, Market	1974	2,990,000	Cwt.	\$8.52	\$25,475,000
	1973(a)	2,859,000	Cwt.	6.80	19,441,000
Eggs, Chicken, Market	1974	114,000,000	Doz.	0.41	46,740,000
	1973	105,840,000	Doz.	0.47	49,745,000
Misc. Products Manufacturing Milk, Turkey Eggs, Wool	1974	xx	xx	xx	425,000
	1973	xx	xx	xx	410,000
TOTAL	1974	xx	xx	xx	\$72,640,000
	1973(a)	xx	xx	xx	69,596,000

(a) Revised

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	V A L U E	
				Per Unit	Total
Honey and Beeswax	1974	xx	xx	xx	\$ 300,000
	1973	xx	xx	xx	1,200,000

FISHING

San Diego based boats caught approximately 134,346 short tons of tropical species of tuna in 1974. Total catch value was \$76,600,000. Since the boats and fishermen are based in San Diego, a substantial part of this total value is contributed to the San Diego economy. Many loads of fish are taken to other ports. The average value per ton of tuna in 1974 was \$570.

Yellowfin tuna made up 76.8% of the total tonnage and 77.5% of total value. Skipjack tuna was next, with 22% of tonnage and 16% of value. Five other species made up the remaining 1.2% of tonnage and 6.5% of value.

Due to good fishing conditions, each boat was able to average 4.1 trips in 1974. The fleet carrying capacity is 53,000 tons, with individual boat capacity ranging from 10 to 1,200 tons. Purse seiners make up 96% of the fleet.

High 1974 worldwide tuna production coupled with high yearend inventories may lead to a reduction of prices in 1975, and, under those conditions, a reluctance of fishermen to go to sea.

OTHER MARINE INDUSTRIES

Little change was noted in any of the industries included in this classification. Although production of some items was a little lower, unit prices were higher.

MINERALS AND MINING

In 1944 when the first of these Natural Resources Reports was planned, it was the consensus of industry representatives that all types of sand should be grouped in one total figure. Some companies reported production in cubic yards, some in tons. Cubic yards was the unit selected by industry to be used for this report.

Today, recognizing that sand and rock resources are not unlimited and realizing that more knowledge is needed on which to base plans for wise use of available supplies, industry has requested that the types of sand use be identified. The common unit of measurement--tons--has also been adopted this year.

A drastic decline in construction of all kinds can be seen in the drop from 13.7 million tons and \$16 million in 1973 to 5.1 million tons and \$12.5 million in sand and rock products in 1974. No improvement was in sight as the year ended.

OTHER MINERAL PRODUCTS

The production of bricks and silica sand was affected by the general economic decline because of their application in construction projects. Production of granite for surface plates declined for the same reason, but demand for monumental granite remained good. Quarries are able to meet this demand. Again, unit prices were higher than in 1973.

The gem mines at Pala continue to yield fine quality tourmaline and beryl specimens, as well as excellent gem-grade material. Spessartite garnet and some blue topaz have been mined at Ramona, and recently it was reported that a considerable quantity of kunzite was found in the Tule Mountain area. Although massive beryl crystals and a little aquamarine (not of gem quality) had been found there before, kunzite had not been reported in that area previously.

(12)


PRODUCTION AND VALUE
OF SAN DIEGO COUNTY NATURAL RESOURCES

Item	Year	Production	Value
MARINE INDUSTRIES			
Fish for fresh sale, canning, & processing	1974	135,500 tons	\$76,850,000
	1973	131,900 tons	64,100,000
Other Marine Industries Agar-agar, Algin, Brine Shrimp, Magnesium Chloride, Salt	1974	xx	9,335,000
	1973*	xx	9,145,000
MINING			
Sand**			
Concrete Sand	1974	893,000 tons	
Masonry Sand	1974	64,000 tons	
Plaster Sand	1974	393,000 tons	
Fill Sand	1974	912,000 tons	
Total Sand	1974	2,262,000 tons	\$ 5,269,000
	1973***	5,543,000 tons	6,521,000
<i>78% of 1974 production is made up of river sand</i>			
Gravel & Crushed Rock	1974	2,825,000 tons	7,039,000
	1973***	8,071,000 tons	9,398,000
Riprap	1974	49,600 tons	178,000
	1973	78,000 tons	219,000
<i>Total Sand & Rock Products</i>	1974	<i>(5,136,600 tons)</i>	<i>(12,486,000)</i>
	1973*	<i>(13,692,000 tons)</i>	<i>(16,138,000)</i>
Granite	1974	30,000 cu.ft.	330,000
	1973	31,030 cu.ft.	245,000
Miscellaneous Products Bricks (Clay & Adobe), Gems, Silica Sand, Gold	1974	xx	3,963,000
	1973	xx	3,886,000
Total Value, All Mining Industries	1974	xx	\$16,779,000
	1973*	xx	<u>20,249,000</u>
TOTAL VALUE, ALL NATURAL RESOURCES INDUSTRIES	1974	xx	\$90,214,000
	1973*	xx	93,494,000

* Revised

** See page 11 for explanation of change in reporting method

*** Reported as cubic yards in 1973



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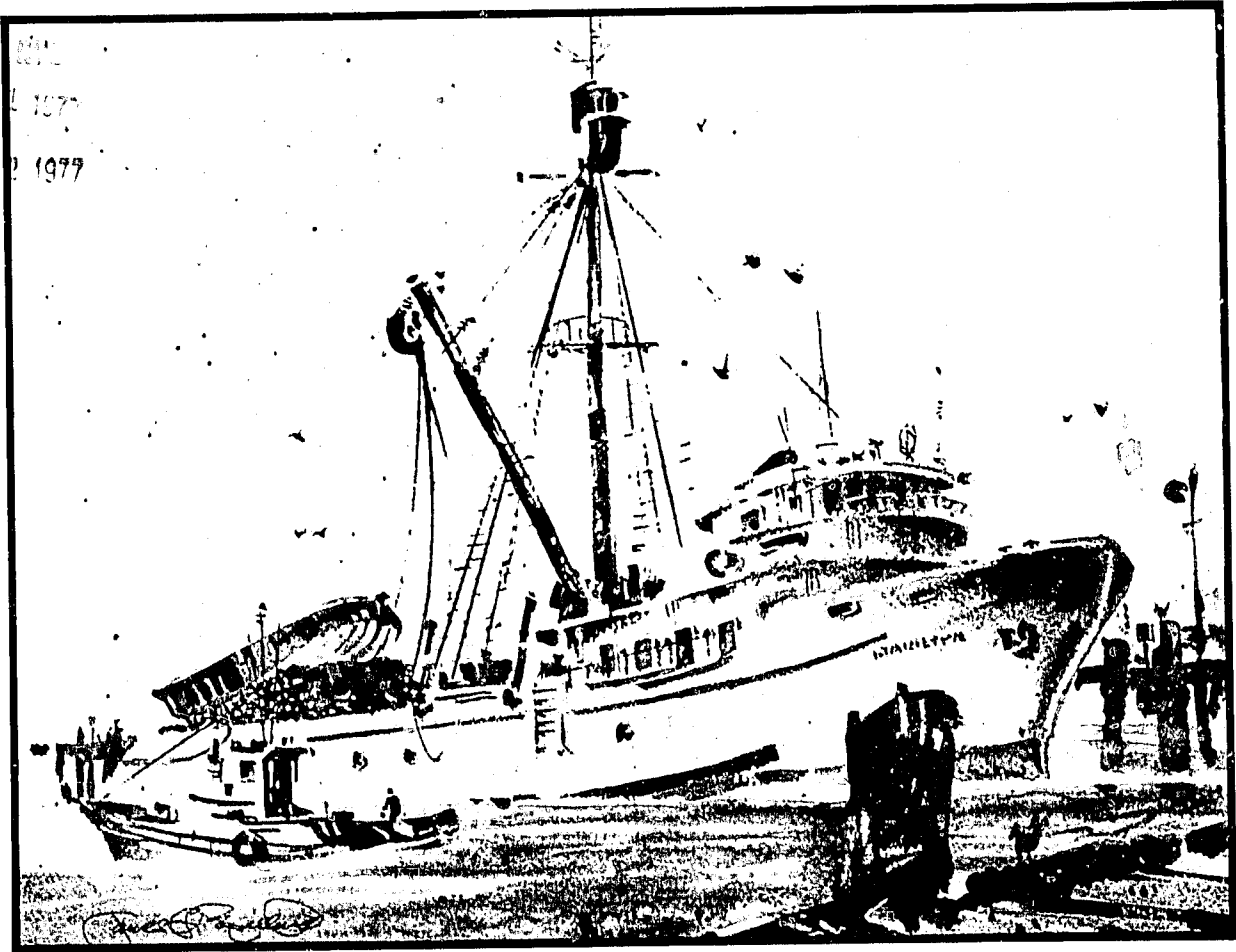
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AGRICULTURAL CROP and NATURAL RESOURCES REPORT 1975

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WEIGHTS AND MEASURES

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FRONT COVER: Watercolor painting of a purse seiner.
These roam the South Pacific, the coast of Africa, and
other parts of the world in search of the elusive tuna.

BACK COVER: Boats and crews while in port provide sights,
such as unloading the catch or mending nets, new to
crowds of curious visitors.

Photos and printing separations provided by the San Diego
Unified Port district. The cost of our cover in color
was sponsored by the American Tunaboat Association of
San Diego.

SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE, WEIGHTS & MEASURES

To: Dr. Luther Tim Wallace, Director
California Department of Food and 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 1975, as required by Section 2279 of the California Agricultural Code and Board directives. Statistics on the County's natural resources are also included.

Featured on our cover is our tuna industry, to illustrate the substantial impact on our local economy represented by the \$79 million worth of tuna caught and sold by the 113 San Diego-based tuna fleet boats.

San Diego County's agricultural production value continued its long-time upward climb. The total value in 1975 was \$292,234,810, nearly \$52.4 million over 1974.

The reported figures represent GROSS VALUES for products, whether they were sold or used on the farm where grown. THEY ARE NOT NET VALUES, AND DO NOT REFLECT COSTS OF PRODUCTION.

San Diego County's three most important single crops this year were tomatoes, eggs, and avocados. The total of \$56.4 million reached by the tomato crop was the result of larger plantings--1,175 more acres than in 1974--as yields and prices were lower. Egg producers found per-dozen prices at or lower than the cost of production, although a favorable price was received at the end of the year. The total value of the egg crop went down from \$46.7 million in 1974 to \$46.6 million in 1975. Avocado production values rose sharply to \$37 million, compared to \$26 million in 1974. The price for avocados was lower in 1975, but more than 1,500 acres of trees came into full bearing this year for the first time, and the yield per acre was greater than in 1974. San Diego County now has 13,755 acres of bearing and 4,735 acres of non-bearing avocados.

Field crop values were also up in 1975. More rain, favorable prices, and additional acreage in certain categories contributed to the higher gross value. Grain hay acreage increased in 1975 to 4,555 from 1974's total of 1,800 acres.

Fruit production values changed significantly in 1975. Strawberries went down from \$8.1 million to \$6.1 million in 1975. Rains, while benefiting other crops, adversely affected strawberries at harvest time by causing berry breakdown, resulting in lower yields. Favorable growing conditions and excellent market conditions, on the other hand, brought citrus values from \$19.1 million in 1974 to \$31.9 million in 1975. A near fourfold increase in yield was the main contributing factor, but continuous demand and good prices also helped to bring San Diego County its most significant value change.

Raymond W. Rinder, Deputy Agricultural Commissioner, and Barbara Biewener, Senior Stenographer, compiled this report from information provided by many organizations and individuals. I wish to express my appreciation to everyone who assisted in providing the necessary data.


Kenneth K. Little, Jr.
AGRICULTURAL COMMISSIONER

NATURAL RESOURCES

FISHING

The tuna boat fleet and fishermen based in San Diego contribute substantially to our local economy. In recognition of this, the industry is featured on the cover of our report this year.

The 113 boats based in San Diego caught approximately 157,000 short tons of tropical species of tuna in 1975, and the catch was valued at \$79,400,000. Each ton of tuna unloaded in 1975 returned to the fishermen \$505 compared to \$520 in 1974. A substantial portion of this value is introduced into the local economy in many ways.

The world's most efficient tuna-fishing fleet roams the seas, including the South Pacific and off the coast of Africa, in search of the elusive tuna. A number of vessels have delivered their catches to canners located in Oregon, Washington, Hawaii, Puerto Rico or American Samoa, as well as to ships for transshipment from foreign ports. Fish catches are sold in many ports, or are unloaded in San Diego and trucked to out-of-county facilities. The local unloading and processing situation will change drastically when the Van Camp Seafood Cannery begins operations in 1976. This cannery, reported to be the largest in the world, will significantly increase the number of tuna catches sold, unloaded, and processed locally. Tuna boats from other ports and most of the locally-based fleet are expected to realize benefits from the improved local facilities.

As in the past, yellowfin tuna was the leading species caught, making up 71.1% of the catch and 75% of the total value. Skipjack was next with 20% of the catch and 19% of the total value. Five other species make up the remaining 8.4% of the catch and 6% of value.

Good fishing conditions allowed each boat to make an average of 4.7 trips in 1975. New and larger boats added to the fleet increased its carrying capacity from 53,000 tons in 1974 to 60,000 tons in 1975. Individual boat capacities range from 10 tons to 1,268 tons. Purse seiners made up 93.6% of the fleet. In addition to supplies and equipment, the fleet carries 1,400 fishermen to sea.

The outlook for 1976 is optimistic, with increased price-per-ton quotations and apparent settlement of labor problems. Competition from other nations' fishermen for the good fishing areas, and the 200-mile fishing limit of some nations will continue to be of great concern.

We are indebted to Craig Orange of the Inter-American Tropical Tuna Commission for his assistance in obtaining figures on commercial tuna production.

OTHER MARINE INDUSTRIES

Since only one company is involved in the production, respectively, of agar-agar, algin, brine shrimp, magnesium chloride, and salt, we are unable to give specific data on the individual products. Production of some of these commodities was down, as a direct result of the state of the American economy in 1975; however, others did as well as or better than in 1974.

MINERALS AND MINING

The drastic decline in construction of all types which began in 1974 continued into 1975, and little prospect for improvement was noted for the immediate future. Sand and rock products were about 48,000 tons and \$32,000 higher than in 1974. The total value of \$12.5 million is considerably under the peak year of 1971, when the total reached \$16.4 million.

Granite production increased by nearly 20,000 cubic feet, reflecting improved demand for both surface plates and monumental stone. So far the costs of production and transportation have kept African black granite from competing substantially with the local product.

As with OTHER MARINE INDUSTRIES, the small number of companies involved in the individual industries precludes our reporting specific data on the commodities included in Miscellaneous Products. Almost all of the increase noted in this particular classification came from one industry.

Interest in gold prospecting continues high, but actual production is still very limited. A major problem is the difficulty in determining ownership of the old claims in known producing areas. Gem mining also continues in several areas, particularly in the Pala district, where fine gem-quality tourmaline and specimens are being found. The kunzite strike at Tule Mountain in 1974 has led to heavy prospecting in that area. While many claims have been located, few have been productive so far.

(4)

PRODUCTION AND VALUE
OF SAN DIEGO COUNTY NATURAL RESOURCES

Item	Year	Production	Value
MARINE INDUSTRIES			
Fish for fresh sale, canning, & processing	1975	158,750 tons	\$81,710,000
	1974	135,500 tons	76,850,000
Other Marine Industries Agar-agar, Algin, Brine Shrimp, Magnesium Chloride, Salt	1975	xx	\$ 8,999,000
	1974	xx	9,335,000
MINING			
Sand <i>Concrete Sand</i>	1975	1,452,000 tons	
	1974	893,000 tons	
<i>Masonry Sand</i>	1975	144,000 tons	
	1974	64,000 tons	
<i>Plaster Sand</i>	1975	143,000 tons	
	1974	393,000 tons	
<i>Fill Sand</i>	1975	1,043,000 tons	
	1974	912,000 tons	
Total Sand	1975	2,782,000 tons	\$ 4,780,000
	1974	2,262,000 tons	5,269,000
<i>82% of 1975 production is made up of river sand</i>			
Gravel & Crushed Rock	1975	3,403,000 tons	7,492,000
	1974	2,825,000 tons	7,039,000
Riprap	1975	51,300 tons	246,000
	1974	49,600 tons	178,000
<i>Total Sand & Rock Products</i>	1975	(5,184,300 tons)	(12,518,000)
	1974	(5,136,600 tons)	(12,486,000)
Granite	1975	49,910 cu.ft.	497,000
	1974	30,000 cu.ft.	330,000
Miscellaneous Products Bricks, Gems, Silica Sand, Gold	1975	xx	4,430,000
	1974	xx	3,963,000
Total Value, All Mining Industries	1975	xx	\$17,445,000
	1974	xx	16,779,000
TOTAL VALUE, ALL NATURAL RESOURCES INDUSTRIES	1975	xx	\$108,154,000
	1974	xx	90,214,000

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Barley (Grain)	1975	6,185	1.0	6,185	Ton	\$108	\$ 668,000
	1974	10,250	0.62	6,335	Ton	127	807,000
Beans, Dry Edible Limas, Blackeyes, Pintos	1975	1,185	0.8	950	Ton	545	517,000
	1974	1,240	0.7	870	Ton	492	428,000
Green Chop	1975	2,710	11.8	31,980	Ton	16	512,000
	1974	2,525	11.3	28,530	Ton	11	314,000
Hay, Alfalfa	1975	510	4.3	2,195	Ton	62	136,000
	1974	525	3.0	1,575	Ton	58	91,350
Hay, Grain	1975	4,555	2.2	10,000	Ton	56	560,000
	1974	1,890	1.5	2,835	Ton	67	190,000
Pasture & Range Irrigated	1975	1,590	xx	xx	Acre	99	157,000
	1974	1,730	xx	xx	Acre	94	163,000
Other	1975	392,000	xx	xx	Acre	0.76	298,000
	1974	392,000	xx	xx	Acre	0.60	235,000
Silage	1975	1,665	13.0	21,645	Ton	18	390,000
	1974	1,205	14.3	17,230	Ton	19	327,000
Wheat	1975 (a)	2,815	1.1	3,490	Ton	119	405,000
Misc. Field Crops Cotton, Oats for Pasture, Triticale	1975	710	xx	xx		xx	59,300
	1974 (a)	1,300	xx	xx		xx	172,000
TOTAL	1975	413,925	xx	xx		xx	\$3,702,300
	1974	412,665	xx	xx		xx	2,727,350

(a) Wheat included in Misc. Field Crops in 1974

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Avocados	1975	13,755	4.5	55,020	Ton	\$670	\$36,863,000
	1974	12,225	3.0	36,675	Ton	708	25,966,000
Nonbearing Acres	1975	(4,735)					
	1974	(1,195)					
Grapes, Wine	1975	170	2.0	340	Ton	225	76,500
	1974	170	1.8	305	Ton	250	76,250
Nonbearing Acres	1975	(265)					
	1974	(450)					
Strawberries	1975	580	18.0	10,440	Ton	584	6,097,000
	1974	640	22.0	14,080	Ton	579	8,152,000
Misc. Fruits & Nuts	1975	510	xx	xx		xx	677,000
	1974	640	xx	xx		xx	403,000
Apple, Apricots, Cherimoya, Crabapples, Fig, Grapes (Table), Kiwis, Macadamia Nut, Peach, Pear, Persimmon, Plum, Pomegranates, Walnut							
Nonbearing Acres	1975	(400)					
	1974	(300)					
<u>CITRUS</u>							
Grapefruit, Fresh Market	1975	575	6.3(a)	2,790	Ton	200	558,000
	1974	465	7.2(a)	2,680	Ton	280	750,000
Byproduct	1975	xx	xx	830	Ton	35	29,050
	1974	xx	xx	670	Ton	40	26,800
Nonbearing Acres	1975	(680)					
	1974	(220)					
Lemons, Fresh Market	1975	1,890	23.0(a)	19,560	Ton	298	5,829,000
	1974	2,800	15.0(a)	24,360	Ton	299	7,284,000
Byproduct	1975	xx	xx	23,910	Ton	20	478,000
	1974	xx	xx	17,640	Ton	65	1,147,000
Nonbearing Acres	1975	(1,140)					
	1974	(450)					
Limes Fresh Market	1975	255	14.0(a)	2,855	Ton	250	714,000
	1974	305	14.0(a)	3,415	Ton	170	581,000
Byproduct	1975	xx	xx	715	Ton	40	28,600
	1974	xx	xx	855	Ton	80	68,400
Nonbearing Acres	1975	(95)					
	1974	(20)					

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Oranges, Navel	1975	1,080	11.0(a)	7,960	Ton	\$275	\$ 2,189,000
Fresh Market	1974	1,015	7.5(a)	6,090	Ton	240	1,462,000
Byproduct	1975	xx	xx	3,920	Ton	8	31,360
	1974	xx	xx	1,520	Ton	8	12,160
Nonbearing Acres	1975	(65)					
	1974	(135)					
Oranges, Valencia	1975	8,085	14.1(a)	68,400	Ton	262	17,921,000
Fresh Market	1974	9,115	3.7(a)	25,970	Ton	220	5,713,000
Byproduct	1975	xx	xx	45,600	Ton	45	2,052,000
	1974	xx	xx	7,755	Ton	40	310,000
Nonbearing Acres	1975	(170)					
	1974	(360)					
Tangerines, Tangelos	1975	845	16.3(a)	10,055	Ton	188	1,890,000
Fresh Market	1974	985	8.8(a)	7,370	Ton	280	2,064,000
Byproduct	1975	xx	xx	3,720	Ton	60	223,000
	1974	xx	xx	1,300	Ton	60	18,000
Nonbearing Acres	1975	(105)					
	1974	(160)					
<i>TOTAL CITRUS</i>	1975	(12,730)	xxx	xxx		xxx	(31,943,010)
	1974	(14,685)	xxx	xxx		xxx	(19,436,360)
<i>Total Nonbearing Acres, Citrus</i>	1975	(2,255)					
	1974	(1,345)					
<hr/>							
TOTAL	1975	27,745	xx	xx		xx	\$75,656,510
	1974	27,720	xx	xx		xx	54,033,610
Nonbearing Acres	1975	(7,655)					
	1974	(2,840)					

(a) Yield per acre includes fruit for both fresh and byproduct use.

NOTE: 1975 acreage for all Fruit and Nut Crops (except strawberries) are taken from the 1975 Fruit and Nut Tree survey by the California Department of Food and Agriculture. In the case of Lemons, the Survey shows trees five years of age and older as "bearing", whereas the industry harvests from three- and four-year-old trees.

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Beans, Snap	1975	275	3.8	1,045	Ton	\$392	\$ 410,000
	1974	210	4.2	882	Ton	380	335,000
Bunch Vegetables Beets, Chard, Chinese Cabbage, Collards, Kale, Mustard Greens, Parsley, Radishes, Spinach, Turnip Greens	1975	45	xx	xx		xx	189,000
	1974	80	xx	xx		xx	187,000
Cabbage	1975	375	14.2	5,325	Ton	98	522,000
	1974	530	16.7	8,850	Ton	93	823,000
Cauliflower	1975	345	6.3	2,175	Ton	407	885,000
	1974	380	6.0	2,280	Ton	490	1,117,000
Celery	1975	435	30.0	13,050	Ton	104	1,357,000
	1974	660	32.4	21,400	Ton	81	1,733,000
Cherry Tomatoes	1975	120	14.0	1,680	Ton	545	916,000
	1974	75	16.0	1,200	Ton	858	1,030,000
Corn, Sweet	1975	370	6.9	2,555	Ton	204	512,000
	1974	365	6.8	2,480	Ton	200	496,000
Cucumbers	1975	335	21.1	7,070	Ton	303	2,142,000
	1974	265	20.6	5,460	Ton	294	1,605,000
Peppers, Bell	1975	125	7.6	950	Ton	284	270,000
	1974	185	10.9	2,015	Ton	238	480,000
Peppers, Chili, Green	1975	110	5.2	570	Ton	495	282,000
	1974	65	4.6	300	Ton	546	164,000
Potatoes	1975	480	18.5	8,880	Ton	85	775,000
	1974	650	18.5	12,000	Ton	92	1,176,000
Romaine	1975	105	13.0	1,365	Ton	142	191,000
	1974	115	14.0	1,610	Ton	110	177,000
Squash	1975	490	8.6	4,200	Ton	317	1,331,000
	1974	445	7.2	3,205	Ton	307	984,000
Tomatoes, Fresh Market <i>Spring</i>	1975	(1,395)	(34.1)	(47,570)	Ton	(415)	(19,742,000)
	1974	(1,100)	(36.5)	(40,150)	Ton	(353)	(14,173,000)
<i>Summer</i>	1975	(335)	(27.0)	(9,045)	Ton	(266)	(2,406,000)
	1974	(185)	(41.0)	(7,585)	Ton	(322)	(2,443,000)
<i>Fall</i>	1975	(3,825)	(28.6)	(109,000)	Ton	(314)	(34,226,000)
	1974	(3,095)	(28.7)	(88,900)	Ton	(353)	(31,382,000)
Total, Fresh Market Tomatoes	1975	5,555	xx	xx		xx	56,374,000
	1974	4,380	xx	xx		xx	47,998,000

VEGETABLE CROPS, CONTINUED

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Misc. Vegetables	1975	615	xx	xx		xx	\$ 1,737,000
Asparagus, Banana	1974	580	xx	xx		xx	2,034,000
Squash, Blackeyed Beans, Cactus Pads, Chayotes, Crenshaw Melons, Cuban Squash, Cucumbers (Hothouse Grown,) Eggplant, Gourds, Indian Corn, Jerusalem Artichokes, Leaf Lettuce, Mushrooms, Pumpkins, Sugar Peas, Sweet Potatoes, Tomatillos, Watermelons							
TOTAL	1975	9,820	xx	xx		xx	\$67,893,000
	1974	8,985	xx	xx		xx	60,339,000

NURSERY PRODUCTS AND MARKET FLOWERS: ACRES, SALES AND VALUE

Item	Year	Acres	Quantity Sold	Unit	Total Value
Citrus & Subtropical Fruit Trees	1975	140	602,000	Plant	\$ 2,710,000
	1974	120	396,000	Plant	1,732,000
Ornamental Trees & Shrubs	1975	715	5,453,000	Plant	9,129,000
	1974	535	7,377,000	Plant	5,454,000
Bedding Plants	1975	60	xx	xx	4,002,000
	1974	50	xx	xx	4,465,000
Herbaceous Perennials	1975	60	xx	xx	447,000
	1974	70	xx	xx	996,000
Cactus & Succulents	1975	55	xx	xx	2,780,000
	1974	50	xx	xx	2,011,000
Bulbs, Corms, Rhizomes, Root, Tubers	1975	xx	xx	xx	972,000
	1974	xx	xx	xx	975,000
<i>SUBTOTAL, NURSERY STOCK</i>	1975	(1,030)	xxx	xxx	(20,040,000)
	1974	(825)	xxx	xxx	(15,633,000)
Carnations	1975(a)	xx	84,527,000	Blooms	6,426,000
	1974(a)	xx	62,524,000	Blooms	4,808,000
Gladiolus	1975(a)	xx	17,785,000	Spikes	2,098,000
	1974(a)	xx	16,680,000	Spikes	2,112,000
Christmas Trees (Cut)	1975	135	37,000	Tree	462,000
	1974	xx	32,630	Tree	360,000
Other Cut Flowers Includes more than twenty kinds of cut flowers and foliage	1975	xx	xx	xx	15,084,000
	1974(b)	xx	xx	xx	17,222,000
Indoor Decoratives Including decorative foliage plants and potted flowers	1975(b)	xx	xx	xx	16,979,000
<i>SUBTOTAL, CUT FLOWERS AND POTTED PLANTS</i>	1975	xxx	xxx	xxx	(41,049,000)
	1974	xxx	xxx	xxx	(24,502,000)
TOTAL	1975	xx	xx	xx	\$61,089,000
	1974	xx	xx	xx	40,135,000

(a) Figures supplied by California Crop and Livestock Reporting Service
from joint Federal-State Horticulture Survey

(b) 1974 production figures included in 1974 total shown under
Other Cut Flowers

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	P R O D U C T I O N		Unit	V A L U E	
		No. of Head	Total Liveweight		Per Unit	Total
Cattle & Calves (a)	1975	28,400	246,000	Cwt.	\$32.00	\$7,872,000
	1974	26,400	185,000	Cwt.	37.00	6,845,000
Hogs and Pigs	1975	4,100	8,610	Cwt.	52.00	448,000
	1974	3,700	8,325	Cwt.	35.00	291,000
Chickens, Misc. Meat	1975	2,200,000	8,800,000	Lb.	0.0525	462,000
	1974	2,500,000	10,000,000	Lb.	0.06	600,000
Rabbits	1975	430,000	1,828,000	Lb.	0.42	768,000
	1974	462,000	2,079,000	Lb.	0.38	790,000
Misc. Meat & Poultry	1975	xx	xx		xx	1,403,000
	1974	xx	xx		xx	1,160,000
Lambs, Replacement Pullets, Turkeys	1975	xx	xx		xx	10,953,000
	1974	xx	xx		xx	9,686,000
<hr/>						
TOTAL	1975	xx	xx		xx	10,953,000
	1974	xx	xx		xx	9,686,000

(a) Includes dairy animals sold for slaughter

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	V A L U E	
				Per Unit	Total
Milk, Market	1975	2,664,000	Cwt.	\$9.47	\$25,228,000
	1974	2,990,000	Cwt.	8.80	25,475,000
Eggs, Chicken, Market	1975	111,000,000	Doz.	0.42	46,620,000
	1974	114,000,000	Doz.	0.41	46,740,000
Misc. Products Manufacturing Milk, Turkey Eggs, Wool	1975	xx	xx	xx	257,000
	1974	xx	xx	xx	425,000
TOTAL	1975	xx	xx	xx	\$72,105,000
	1974	xx	xx	xx	72,640,000

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	V A L U E	
				Per Unit	Total
Honey and Beeswax	1975	xx	xx	xx	\$836,000
	1974	xx	xx	xx	300,000

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MOST IMPORTANT COMMODITIES, 1975

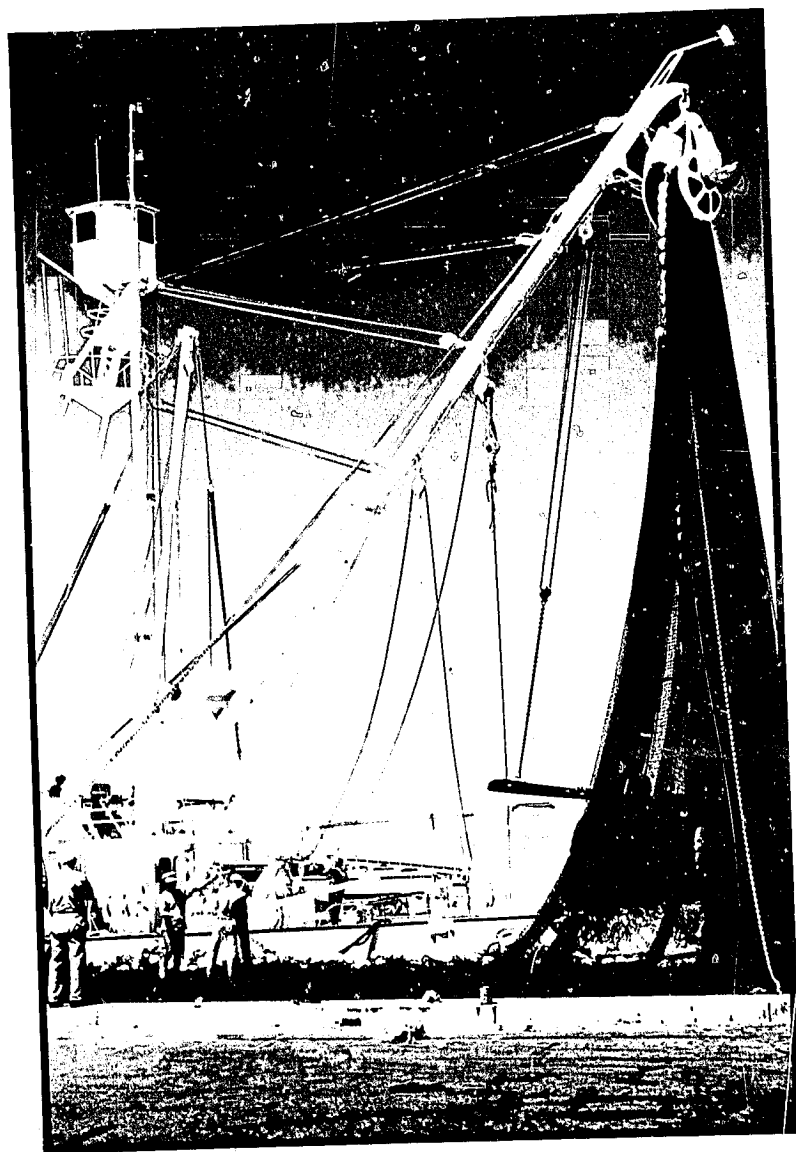
Tomatoes	\$56,374,000	Bedding Plants	\$4,002,000
Eggs	46,620,000	Cactus & Succulents	2,780,000
Avocados	36,863,000	Citrus & Subtropical	
Milk	25,228,000	Fruit Trees	2,710,000
Valencia Oranges	19,973,000	Navel Oranges	2,220,360
Ornamental Trees		Cucumbers	2,142,000
& Shrubs	9,129,000	Tangerines, Tangelos	2,113,000
Cattle & Calves	7,872,000	Gladiolus	2,098,000
Carnations	6,426,000	Celery	1,357,000
Lemons	6,307,000	Squash	1,331,000
Strawberries	6,097,000		

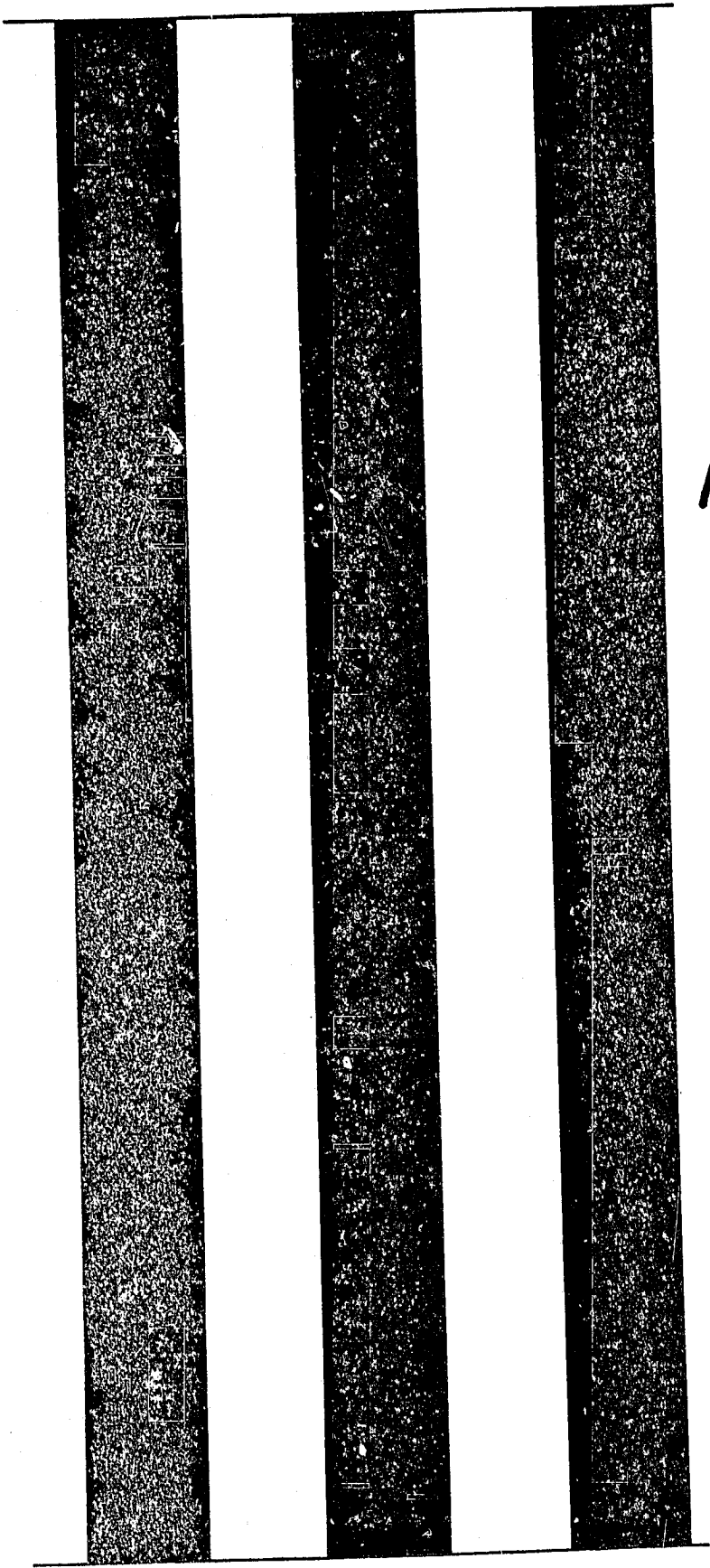
S U M M A R Y

	1 9 7 4		1 9 7 5	
	Acres	Value	Acres	Value
Field Crops	20,665(a)	\$ 2,727,350	21,925(a)	\$ 3,702,300
Fruit & Nut Crops:				
Bearing	27,720	54,033,610	27,745	75,656,510
Nonbearing	2,840		7,656	
Vegetables	8,985	60,339,000	9,820	67,893,000
Nursery Products & Market Flowers	825(b)	40,135,000	1,030(b)	61,089,000
Livestock & Poultry		9,686,000		10,953,000
Livestock & Poultry Products		72,640,000		72,105,000
Apiary		300,000		836,000
TOTAL	61,035	\$239,860,960	68,176	\$292,234,810

(a) Not including uncultivated range & pasture land

(b) Nursery crop acreage only; flower acreage not reported





1976

AGRICULTURAL CROP and NATURAL RESOURCES REPORT 1976

Kiwifruits



**COUNTY OF SAN DIEGO
DEPARTMENT OF AGRICULTURE
WEIGHTS AND MEASURES**

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COUNTY OF SAN DIEGO

AGRICULTURAL COMMISSIONER
Kenneth K. Little

5555 Overland Avenue, Building 3
San Diego, California 92123
Telephone 565-5764

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COMMUNITY SERVICES AGENCY

James M. Moon, Deputy Administrator

COVER: Kiwifruit growing is a new agricultural industry in San Diego County. Only a small amount of the planted acreage in the County (400 to 500 acres) is old enough to have fruited; none has reached full bearing age. The Kiwifruit vineyard shown is in the Fallbrook area.

SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE, WEIGHTS & MEASURES

To: Mr. Richard E. Rominger, Director
California Department of Food and 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 1976, as required by Section 2279 of the California Agricultural Code and Board directives. Statistics on the County's natural resources are also included.

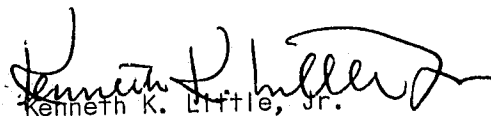
The reported figures represent GROSS VALUES for products, whether they were sold or used on the farm where grown. THEY ARE NOT NET VALUES, AND DO NOT REFLECT COSTS OF PRODUCTION.

As in previous years the leading single crops in terms of gross value are tomatoes, eggs and avocados which collectively amount to \$152.8 million, or 47% of the total county value of \$322.9 million. In terms of product categories, the relative values are:

<u>Crop Category</u>	<u>Value (Millions of Dollars)</u>	<u>% of Total</u>
Livestock/Poultry and products	91.1	28.2
Vegetable Crops (including strawberrie)	82.3	26.0
Fruit Crops (less strawberries)	75.7	23.4
Floral Crops and Indoor Decoratives	45.0	14.0
Nursery Stock	23.7	7.3
Field Crops	4.7	1.0
Apiary Products	0.4	0.1
TOTAL	322.9	
Plants and Plant Products	231.4	72.0
Livestock/Poultry and Products	91.1	28.0

The gross value of \$322.9 million for 1976 is up \$30.7 million from the 1975 total of \$292.2 million primarily because of additional avocado and lemon acreage having reached fuller maturity, increased returns per marketed unit for celery, avocados, and eggs, and an increase of harvested vegetable acreage by almost 10%, from 9,820 in 1975 to 10,738 in 1976.

Information on which this report is based was provided not only by members of this department, but also by firms and individuals engaged in the production and/or handling of agricultural products in this County. Special thanks are given to the staff members of the Farm Advisor's office for their consultations, and to Barbara Biewener of this Department for her work in compiling and preparing this report for publication.


Kenneth K. Little, Jr.
AGRICULTURAL COMMISSIONER

MOST IMPORTANT COMMODITIES, 1976

Tomatoes	\$55,886,000	Gladiolus	\$2,427,000
Eggs	54,880,000	Cauliflower	2,284,000
Avocados	42,042,000	Tangerines, Tangelos	1,909,000
Milk	25,190,000	Navel Oranges	1,663,000
Valencia Oranges	17,525,000	Squash	1,660,000
Lemons	9,031,000	Limes	1,608,000
Strawberries	8,524,000	Grapefruit	1,362,000
Carnations	6,664,000	Grain. Hay*	1,175,000
Beef Cattle	6,372,000	Barley (Grain)	1,170,000
Celery	3,600,000	Cherry Tomatoes	1,162,000
Cucumbers	2,695,000	Rabbits	1,036,000

* Appears on this list for the first time this year

S U M M A R Y

1 9 7 5

1 9 7 6

	Acres	Value	Acres	Value
Field Crops	21,925(a)	\$ 3,702,000	27,485(a)	\$ 4,709,800
Fruit & Nut Crops:				
Bearing	27,745	75,656,510	30,275	84,074,200
Nonbearing	(7,656)		(5,575)	
Vegetables	9,820	67,893,000	10,738	73,751,200
Nursery Products & Market Flowers	1,030(b)	62,376,000(c)	3,553	68,747,000
Livestock & Poultry		10,953,000		10,840,000
Livestock & Poultry Products		72,105,000		80,324,000
Apiary Products		836,000		395,000
TOTAL	68,176(a)	\$293,521,810(c)	77,626(a)	\$322,841,200

(a) Not including uncultivated range & pasture land

(b) Nursery crop acreage only; flower acreage not reported

(c) Revised

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Barley (Grain)	1976	10,585	1.3	13,760	Ton	\$ 85	\$1,170,000
	1975	6,185	1.0	6,185	Ton	108	668,000
Beans, Dry Edible Limas	1976	1,100	0.7	770	Ton	700	539,000
	1975	1,185	0.8	950	Ton	545	517,000
Green Chop	1976	1,375	10.0	13,750	Ton	19	261,000
	1975	2,710	11.8	31,980	Ton	16	512,000
Hay, Alfalfa	1976	535	9.6	5,135	Ton	82	421,000
	1975	510	4.3	2,195	Ton	62	136,000
Hay, Grain	1976	7,460	2.5	18,650	Ton	63	1,175,000
	1975	4,555	2.2	10,000	Ton	56	560,000
Pasture & Range Irrigated	1976	2,295	xx	xx	Acre	98	225,000
	1975	1,590	xx	xx	Acre	99	157,000
Other	1976	392,000	xx	xx	Acre	0.76	298,000
	1975	392,000	xx	xx	Acre	0.76	298,000
Silage	1976	1,315	10.5	13,800	Ton	20	276,000
	1975	1,665	13.0	21,645	Ton	18	390,000
Wheat	1976	2,720	1.1	2,990	Ton	105	314,000
	1975(a)	2,815	1.1	3,100	Ton	119	369,000
Misc. Field Crops	1976	100	3.5	350	Ton	88	30,800
	1975	710	xx	xx	xx	xx	59,300
TOTAL	1976	419,485	xx	xx	xx	xx	\$4,709,800
	1975	413,925	xx	xx	xx	xx	3,666,300

(a) Revised

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Avocados	1976	15,045	2.7	40,620	Ton	\$1,035	\$42,042,000
	1975	13,755	4.0	55,020	Ton	670	36,863,000
Nonbearing Acres	1976	(3,460)					
	1975	(4,735)					
Grapes, Wine	1976	120	1.5	180	Ton	240	43,200
	1975	170	2.0	340	Ton	225	76,500
Nonbearing Acres	1976	(190)					
	1975	(265)					
Strawberries, Fresh	1976	735	21.0(a)	9,555	Ton	590	5,637,000
	1975	580	18.0	10,440	Ton	584	6,097,000
Processing	1976(b)	xx	xx	5,880	Ton	491	2,887,000
(TOTAL STRAWBERRIES)	1976	xxx	xxx	(15,435)	Ton	xxx	(8,524,000)
	1975	xxx	xxx	(10,440)	Ton	xxx	(6,097,000)
Misc. Fruits & Nuts	1976	500	xx	xx	xx	xx	367,000
Apples, Apricots, Cherimoyas, Crabapples, Figs, Filberts, Kiwifruits, Macadamia Nuts, Peaches, Pears, Persimmons, Walnuts	1975(b)	510	xx	xx	xx	xx	677,000
Nonbearing Acres	1976	(600)					
	1975	(400)					
<u>CITRUS</u>							
Grapefruit, Fresh Market	1976	745	11.9(a)	6,295	Ton	200	1,259,000
	1975	575	6.3(a)	2,790	Ton	200	558,000
Byproduct	1976	xx	xx	2,570	Ton	40	103,000
	1975	xx	xx	830	Ton	35	29,050
Nonbearing Acres	1976	(640)					
	1975	(680)					
(TOTAL GRAPEFRUIT)	1976	xxx	xxx	(8,865)	Ton	xxx	(1,362,000)
	1975	xxx	xxx	(3,620)	Ton	xxx	(587,050)

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Lemons, Fresh Market	1976	2,660	17.2(a)	27,450	Ton	\$315	\$ 8,647,000
	1975	1,890	23.0(a)	19,560	Ton	298	5,829,000
Byproduct	1976	xx	xx	18,300	Ton	21	384,000
	1975	xx	xx	23,910	Ton	20	478,000
Nonbearing Acres	1976	(450)					
	1975	(1,140)					
(TOTAL LEMONS)	1976	xx	xx	(46,440)	Ton	xx	(9,031,000)
	1975	xx	xx	(43,470)	Ton	xx	(6,307,000)
Limes Fresh Market	1976	305	14.0(a)	3,375	Ton	455	1,536,000
	1975	255	14.0(a)	2,855	Ton	250	714,000
Byproduct	1976	xx	xx	900	Ton	80	72,000
	1975	xx	xx	715	Ton	40	28,600
Nonbearing Acres	1976	(45)					
	1975	(95)					
(TOTAL LIMES)	1976	xx	xx	(4,275)	Ton	xx	(1,608,000)
	1975	xx	xx	(3,570)	Ton	xx	(742,000)
Oranges, Navel Fresh Market	1976	1,095	10.1(a)	7,630	Ton	200	1,526,000
	1975	1,080	11.0(a)	7,960	Ton	275	2,189,000
Byproduct	1976	xx	xx	3,430	Ton	40	137,000
	1975	xx	xx	3,920	Ton	8	31,360
Nonbearing Acres	1976	(50)					
	1975	(65)					
(TOTAL NAVAL ORANGES)	1976	xx	xx	(11,060)	Ton	xx	(1,663,000)
	1975	xx	xx	(11,880)	Ton	xx	(2,220,360)
Oranges, Valencia Fresh Market	1976	8,165	13.5(a)	66,135	Ton	225	14,880,000
	1975	8,085	14.1(a)	68,400	Ton	262	17,921,000
Byproduct	1976	xx	xx	44,090	Ton	60	2,645,000
	1975	xx	xx	45,600	Ton	45	2,052,000
Nonbearing Acres	1976	(95)					
	1975	(170)					
(TOTAL VALENCIA ORANGES)	1976	xx	xx	(110,225)	Ton	xx	(17,525,000)
	1975	xx	xx	(114,000)	Ton	xx	(19,973,000)

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Tangerines, Tangelos Fresh Market	1976	905	14.2(a)	9,895	Ton	\$175	\$1,732,000
	1975	845	16.3(a)	10,055	Ton	188	1,890,000
Byproduct	1976	xx	xx	2,955	Ton	60	177,000
	1975	xx	xx	3,720	Ton	60	223,000
Nonbearing Acres	1976	(45)					
	1975	(105)					
(TOTAL TANGERINES, TANGELOS)	1976	xxx	xxx	(12,850)	Ton	xxx	(1,909,000)
	1975	xxx	xxx	(13,775)	Ton	xxx	(2,113,000)
TOTAL CITRUS	1976	(13,915)	xxx	xxx	xxx	xxx	(33,098,000)
	1975	(12,730)	xxx	xxx	xxx	xxx	(31,943,010)
Total Nonbearing Acres Citrus	1976	(1,325)					
	1975	(2,255)					
TOTAL	1976	30,275	xx	xx	xx	xx	\$84,074,200
	1975	27,745	xx	xx	xx	xx	75,656,510
Nonbearing Acres	1976	(5,575)					
	1975	(7,655)					

- (a) Yield per acre includes fruit for both fresh and byproduct or processing use.
 (b) Processing strawberries included in fresh strawberry total in 1975.

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Beans, Snap	1976	410	3.2	1,310	Ton	\$574	\$ 752,000
	1975	275	3.8	1,045	Ton	392	410,000
Bunch Vegetables	1976	140	xx	xx	xx	xx	339,000
Beets, Chard,	1975	85	xx	xx	xx	xx	189,000
Chinese Cabbage, Collards, Green onions, Kale, Mustard Greens, Parsley, Radishes, Spinach, Turnip Greens							
Cabbage	1976	290	11.0	3,190	Ton	129	412,000
	1975	375	14.2	5,325	Ton	98	522,000
Cauliflower	1976	900	6.0	5,400	Ton	423	2,284,000
	1975	345	6.3	2,175	Ton	407	885,000
Celery	1976	525	30.5	16,000	Ton	225	3,600,000
	1975	435	30.0	13,050	Ton	104	1,357,000
Cherry Tomatoes	1976	165	13.5	2,230	Ton	521	1,162,000
	1975	120	14.0	1,680	Ton	545	916,000
Corn, Sweet	1976	450	7.5	3,375	Ton	195	658,000
	1975	370	6.9	2,555	Ton	204	512,000
Cucumbers	1976	350	28.0	9,800	Ton	275	2,695,000
	1975	335	21.1	7,070	Ton	303	2,142,000
Peppers, Bell	1976	125	6.6	825	Ton	276	228,000
	1975	125	7.6	950	Ton	284	270,000
Peppers, Chili	1976	70	4.3	300	Ton	781	234,000
	1975	110	5.2	570	Ton	495	282,000
Potatoes	1976	600	20.0	12,000	Ton	78	936,000
	1975	480	18.5	8,880	Ton	85	775,000
Pumpkins	1976(a)	48	xx	xx	xx	xx	37,200
Romaine	1976	140	13.6	1,905	Ton	193	368,000
	1975	105	13.0	1,365	Ton	140	191,000
Squash	1976	520	9.2	4,785	Ton	347	1,660,000
	1975	490	8.6	4,200	Ton	317	1,331,000

VEGETABLE CROPS, CONTINUED

Crop	Year	Harvested Acreage	P R O D U C T I O N		Unit	V A L U E	
			Per Acre	Total		Per Unit	Total
Tomatoes, Fresh Market							
<i>Spring</i>	1976	(1,235)	(36.9)	(45,570)	Ton	(301)	(\$13,717,000)
	1975	(1,395)	(34.1)	(47,570)	Ton	(415)	(19,742,000)
<i>Summer</i>	1976	(340)	(31.0)	(10,540)	Ton	(380)	(4,005,000)
	1975	(335)	(27.0)	(9,045)	Ton	(266)	(2,406,000)
<i>Fall</i>	1976	(3,680)	(31.5)	(116,000)	Ton	(329)	(38,164,000)
	1975	(3,825)	(28.6)	(109,000)	Ton	(314)	(34,226,000)
Total, Fresh Market	1976	5,255	xx	xx	xx	xx	55,886,000
	1975	5,555	xx	xx	xx	xx	56,374,000
Misc. Vegetables	1976	750	xx	xx	xx	xx	2,500,000
Alfalfa Sprouts,	1975(a)	615	xx	xx	xx	xx	1,737,000
Asparagus, Banana Squash, Blackeyed Beans, Chayotes, Chinese Long Beans, Crenshaw Melons, Cuban Squash, Cucumbers (Hothouse Grown), Eggplant, , Gourds, Indian Corn, Jerusalem Artichokes, Leaf Lettuce, Mushrooms, Sugar Peas, Sweet Potatoes, Tomatillos, Watermelons							
TOTAL	1976	10,738	xx	xx	xx	xx	\$73,751,200
	1975	9,820	xx	xx	xx	xx	67,893,000

(a) Pumpkins included in Misc. Veg. in 1975. Some pumpkins are sold individually, part of crop sold by ton.

NURSERY PRODUCTS AND MARKET FLOWERS: ACRES, SALES AND VALUE

Item	Year	Acres	Quantity Sold	Unit	Total Value
Citrus & Subtropical Fruit Trees	1976	150	1,117,000	Plant	\$ 3,553,000
	1975	140	602,000	Plant	2,710,000
Ornamental Trees & Shrubs	1976	795	5,194,000	Plant	10,378,000
	1975	715	5,453,000	Plant	9,129,000
Bedding Plants	1976	56	xx	Various	4,957,000
	1975	60	xx	xx	4,002,000
Herbaceous Perennials	1976	29	xx	xx	138,000
	1975	60	xx	xx	447,000
Cactus & Succulents	1976	70	xx	xx	3,709,000
	1975	55	xx	xx	2,780,000
Bulbs, Corms, Rhizomes, Roots, Tubers	1976	255	xx	xx	967,000
	1975	xx	xx	xx	972,000
<i>SUBTOTAL, NURSERY STOCK</i>	1976	(1,355)	xxx	xxx	(23,702,000)
	1975	(1,030)	xxx	xxx	(20,040,000)
Carnations Standard & Miniature	1976(a)	117	70,598,000	Blooms	6,676,000
	1975(a)	130	86,864,000	Blooms	6,825,000
Gladiolus	1976(a)	745	23,300,000	Spikes	2,427,000
	1975(a)	788	17,785,000	Spikes	2,098,000
Roses All types	1976(a)	17	13,166,000	Blooms	1,768,000
	1975(a)	22	12,695,000	Blooms	1,650,000
Christmas Trees (Cut)	1976	105	39,000	Trees	524,000
	1975	135	37,000	Trees	462,000
Indoor Decoratives Including decorative foliage plants and potted flowers	1976(a)	82	xx	xx	14,001,000
	1975(a)	xx	xx	xx	16,217,000
All Other Includes more than twenty kinds of cut flowers and cut foliage	1976(a)	1,132	xx	xx	19,649,000
	1975(a)	(b)	xx	xx	15,084,000
<i>SUBTOTAL, CUT FLOWERS AND POTTED PLANTS</i>	1976	(2,198)	xxx	xxx	(45,045,000)
	1975(c)	(b)	xxx	xxx	(42,336,000)
TOTAL	1976	3,553	xx	xx	\$68,747,000
	1975(c)	(b)	xx	xx	62,376,000

- (a) Figures supplied by California Crop and Livestock Reporting Service from joint Federal-State Horticulture Survey; "ALL OTHER" partially furnished by State.
- (b) Not reported in 1975
- (c) Revised

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	P R O D U C T I O N		Unit	V A L U E	
		No. of Head	Total Liveweight		Per Unit	Total
Cattle & Calves (a)	1976	27,200	236,000	Cwt.	\$27.00	\$ 6,372,000
	1975	28,400	246,000	Cwt.	32.00	7,872,000
Hogs and Pigs	1976	4,200	8,820	Cwt.	38.00	335,000
	1975	4,100	8,610	Cwt.	52.00	448,000
Chickens, Misc. Meat	1976	2,000,000	8,000,000	Lb.	0.08	640,000
	1975	2,200,000	8,800,000	Lb.	0.0525	462,000
Rabbits	1976	485,000	2,182,000	Lb.	0.475	1,036,000
	1975	430,000	1,828,000	Lb.	0.42	768,000
Misc. Meat & Poultry Lambs, Replacement Pullets, Turkeys	1976	xx	xx	xx	xx	2,457,000
	1975	xx	xx	xx	xx	1,403,000
TOTAL	1976	xx	xx	xx	xx	\$10,840,000
	1975	xx	xx	xx	xx	10,953,000

(a) Includes dairy animals sold for slaughter

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	V A L U E	
				Per Unit	Total
Milk, Market	1976	2,624,000	Cwt.	\$9.60	\$25,190,000
	1975	2,664,000	Cwt.	9.47	25,228,000
Eggs, Chicken, Market	1976	112,000,000	Doz.	0.49	54,880,000
	1975	111,000,000	Doz.	0.42	46,620,000
Misc. Products Manufacturing Milk, Turkey Eggs, Wool	1976	xx	xx	xx	254,000
	1975	xx	xx	xx	257,000
TOTAL	1976	xx	xx	xx	\$80,324,000
	1975	xx	xx	xx	72,105,000

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	V A L U E	
				Per Unit	Total
Honey and Beeswax	1976	xx	xx	xx	\$395,000
	1975	xx	xx	xx	836,000

NATURAL RESOURCES

FISHING

San Diego's efficient tuna fleet captured 201,035 short tons of fish in 1976. Yellowfin made up 64% of the catch, skipjack accounted for 31%, with the 5% balance made up miscellaneous varieties. It was a poor year for albacore.

Yellowfin accounted for 65% of the total value of the catch -- \$116.6 million. Skipjack made up 29%. The average price per ton was \$580.

The San Diego-based fleet consisted of 142 vessels with a capacity of 73,000 tons. Purse seiners make up just over 94% of the total capacity. The boats made an average of 4.4 trips during the year.

In general, the fleet was very successful, with few problems noted until the end of the year. Then, legal problems relating to the catching of porpoise with tuna brought the industry to an abrupt halt. The tuna-porpoise problem had not been solved by the first quarter of 1977, and it is obvious that the 1977 tuna catch is not likely to approach the 1976 record.

The local small-boat fleet continued to supply markets for fresh fish.

OTHER MARINE INDUSTRIES

1976 was not an exceptionally good year for salt production. Temperatures were below normal, and the water was cool. These conditions result in uneven precipitation and the salt crystals will be small. Since the major market for the local salt is the tuna industry, which uses it for brine refrigeration, the fate of the local fleet will have a definite effect on this product.

Production of magnesium chloride continued, as well as harvesting of brine shrimp. Both of these industries depend on the salt evaporation ponds for their raw materials. Kelp continued to be harvested for the production of algin, and agar-agar manufacture also continued.

MINING

An upturn in construction had led to a substantial increase in sand and gravel production. This is expected to increase into 1977. Only fill sand decreased in volume.

Demand for granite for surface plates and machine bases is very strong, but the monument business was also good in 1976.

Among miscellaneous products, silica sand was still in very good demand, and production of bricks continued. Because of the increased price of gold, there has been much more interest in mining, and production from this county was much higher than usual. However, gold is still a minor commodity here. Among the varieties of gem stones mined in San Diego County, the most interesting event of the year was the finding of a good pocket of fine blue topaz. There was also some production of tourmaline, kunzite, beryl, and garnet.

PRODUCTION AND VALUE
OF SAN DIEGO COUNTY NATURAL RESOURCES

Item	Year	Production	Value
<u>MARINE INDUSTRIES</u>			
Fish for fresh sale, canning, & processing	1976	203,000 tons	\$119,100,000
	1975	158,700 tons	81,710,000
Other Marine Industries			
Agar-agar, Algin, Brine Shrimp, Magnesium Chloride, Salt	1976	xx	9,154,000
	1975	xx	8,999,000
<u>MINING</u>			
Sand			
Concrete Sand	1976	1,468,000 tons	
	1975	1,452,000 tons	
Masonry Sand	1976	155,000 tons	
	1975	144,000 tons	
Plaster Sand	1976	236,000 tons	
	1975	143,000 tons	
Fill Sand	1976	831,000 tons	
	1975	1,043,000 tons	
Total Sand	1976	2,690,000 tons	6,641,000
	1975	2,782,000 tons	4,780,000
Gravel and Crushed Rock	1976	3,978,000 tons	10,769,000
	1975	3,403,000 tons	7,492,000
Total Sand and Rock Products	1976	(6,668,000) tons	(17,410,000)
	1975(a)	(6,185,000) tons	(12,272,000)
Miscellaneous Products Bricks, Gems, Gold, Granite, Silica Sand, Riprap	1976	xx	6,020,000
	1975(a)	xx	5,173,000
Total Value, All Mining Industries	1976	xx	23,430,000
	1975	xx	17,445,000
TOTAL VALUE, ALL NATURAL RESOURCES INDUSTRIES	1976	xx	\$151,684,000
	1975	xx	108,154,000

(a) Revised.

Because of the small number of producers involved, GRANITE and RIPRAP have been listed with Miscellaneous Products for 1976.



Kiwifruit Vineyard near Fallbrook

2

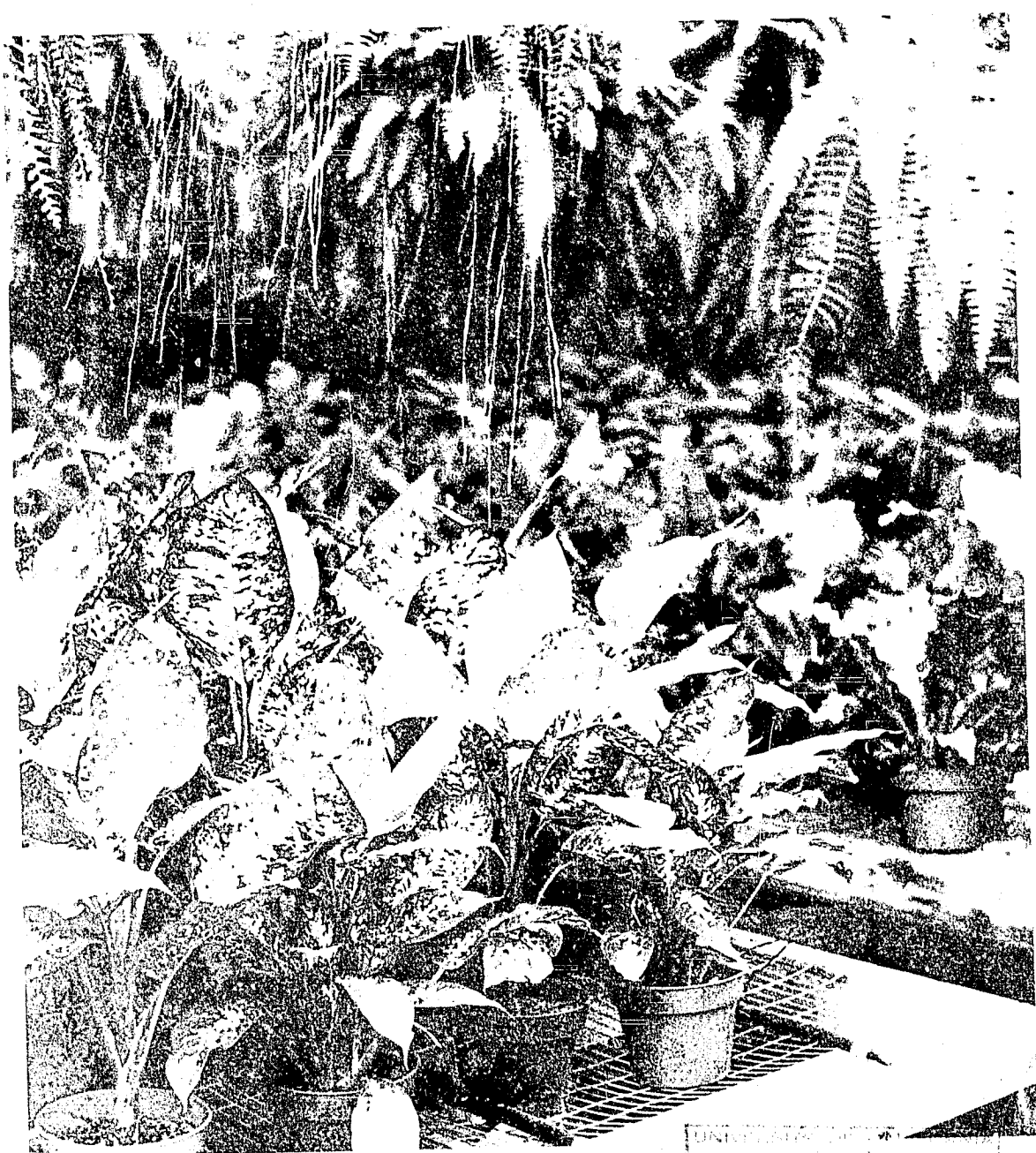
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1977

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AGRICULTURAL CROP REPORT

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COUNTY OF SAN DIEGO
DEPARTMENT OF AGRICULTURE
WEIGHTS AND MEASURES

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COUNTY OF SAN DIEGO

1977

C O U N T Y O F S A N D I E G O

AGRICULTURAL COMMISSIONER
Kenneth K. Little

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San Diego, California 92123
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Assistant Chief Administrative Officer

COMMUNITY SERVICES AGENCY

COVER: The production of indoor decorative foliage plants has been a fast growing industry in recent years. Dieffenbachia, birdsnest fern, and Boston fern are only three of a large variety of decorative plants grown in San Diego County.

This issue is dedicated to Barbara Biewener who retired this year after working on the Annual Crop Report for many years.

SAN DIEGO COUNTY
DEPARTMENT OF AGRICULTURE, WEIGHTS & MEASURES

To: Mr. Richard E. Rominger, Director
California Department of Food & Agriculture
and
The Honorable Board of Supervisors
County of San Diego

Submitted herewith is the report of acreage, yield, and value of agriculture production in San Diego County for 1977, as required by Section 2279 of the California Food and Agriculture Code and by Board directives.

Although acreage in production was lower by more than 5,000 acres, production values rose to a new high -- \$335,034,680, which is more than \$11 million over the 1976 figure.

The reported figures represent GROSS VALUES for products, whether they were sold or used on the farm where grown. THEY ARE NOT NET VALUES, AND DO NOT REFLECT COSTS OF PRODUCTION.

Three crops -- tomatoes (\$63.3 million,) eggs (\$51.4 million,) and avocados (\$50 million) -- made up forty-nine percent of the County's total production.

While the summer and fall tomato acreage and yield were lower in 1977 and yield per acre lower for the spring crop too, higher prices per ton for the spring and fall crops brought a total value more than \$7 million over 1976.

Egg production was up by 2.2 million dozen, but a drop from 49¢ in 1976 to 45¢ per dozen in 1977 led to a \$3.4 million drop in this commodity.

Bearing acreage of avocados continues to go up each year, and the yield per acre in 1977 was higher than last year's. While the value per ton was lower, the increases in acreage and yield resulted in an \$8 million jump over 1976.

San Diego County's flower and nursery crop industry has also continued to grow, with decreases shown in only a few commodities -- bedding plants, herbaceous perennials, cactus and succulents, and cut Christmas trees.

Weather conditions in 1977 were very unfavorable for the few crops grown without irrigation, including barley (grain) and hay, and livestock production also continued to show the decline which has characterized this industry over a period of years. 1977 was a disastrous year for honey production, as lack of rain caused a serious shortage of native wildflowers and shrub blossoms.

This report is based on information provided by members of this department and the Cooperative Agricultural Extension Service, as well as by firms and individuals engaged in the production and/or handling of agricultural products in this County. The report was compiled by Deputy Agricultural Commissioners Eddie L. Gray and Carolyn Nielsen.


Kenneth K. Little, Jr.
AGRICULTURAL COMMISSIONER

MOST IMPORTANT COMMODITIES, 1977

(3)

Tomatoes	\$63,332,000	Roses	\$2,464,000
Eggs	51,408,000	Gladiolus	2,306,000
Avocados	50,058,000	Navel Oranges	2,293,000
Milk	24,701,000	Tangerines, Tangelos	1,967,000
Valencia Oranges	17,830,000	Potatoes	1,944,000
Strawberries	7,721,000	Limes	1,639,500
Lemons	6,634,000	Cherry Tomatoes	1,578,000
Carnations (Standard)	5,854,000	Grapefruit	1,556,000
Cattle & Calves	5,824,000	Squash (Soft Types)	1,492,000
Cucumbers	3,230,000	Cauliflower	1,210,000
Celery	2,889,000	Beans, Dry Edible	1,094,000

S U M M A R Y

	1 9 7 6		1 9 7 7	
	Acres	Value	Acres	Value
Field Crops	27,485 (a)	\$ 4,709,800	21,470 (a)	\$ 4,170,000
Fruit & Nut Crops:	30,275	84,074,200	30,440	90,317,680
Bearing				
Nonbearing	(5,575)		(5,080)	
Vegetables	10,738	73,751,200	11,280	83,238,000
Nursery Products & Market Flowers	3,553	68,747,000	4,381	72,018,000
Livestock & Poultry		10,840,000		8,817,000
Livestock & Poultry Products		80,324,000		76,430,000
Apiary Products		395,000		44,000
TOTAL	77,626 (a)	\$322,841,200	72,651 (a)	\$335,034,680

(a) Not including uncultivated range & pasture land

NOTE: Except where the value per acre is especially significant, the acreage, production, and value figures in this report have been rounded as follows:

1. Over \$100,000 -- rounded to nearest thousand.
2. Under \$100,000 -- rounded to three significant digits.

(4)

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	P R O D U C T I O N				V A L U E	
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Barley (Grain)	1977	6,130	0.63	3,860	Ton	\$ 83	\$ 320,000
	1976	10,585	1.3	13,760	Ton	85	1,170,000
Beans, Dry Edible Blackeyes, Limas	1977	1,865	0.74	1,380	Ton	793	1,094,000
	1976	1,100	0.7	770	Ton	700	539,000
Green Chop	1977	1,470	9.4	13,800	Ton	19	262,000
	1976	1,375	10.0	13,750	Ton	19	261,000
Hay, Alfalfa	1977	750	9.7	7,280	Ton	89	648,000
	1976	535	9.6	5,135	Ton	82	421,000
Hay, Grain	1977	6,225	1.3	8,090	Ton	67	542,000
	1976	7,460	2.5	18,650	Ton	63	1,175,000
Pasture & Range Irrigated	1977	2,190	xx	xx	Acre	94	206,000
	1976	2,295	xx	xx	Acre	98	225,000
Other	1977	392,000	xx	xx	Acre	0.75	294,000
	1976	392,000	xx	xx	Acre	0.76	298,000
Silage	1977	1,480	11.0	16,300	Ton	20	326,000
	1976	1,315	10.5	13,800	Ton	20	276,000
Wheat	1977	1,360	.9	1,220	Ton	86	105,000
	1976	2,720	1.1	2,990	Ton	105	314,000
Misc. Field Crops Barley for Pasture, Seed	1977	130	xx	xx	xx	xx	373,000
	1976	100	3.5	350	Ton	88	30,800
TOTAL	1977	413,470	xx	xx	xx	xx	4,170,000
	1976	419,485	xx	xx	xx	xx	4,709,800

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

(5)

Crop	Year	Harvested Acreage	P R O D U C T I O N			V A L U E	
			Per Acre	Total	Unit	Per Unit	Total
Apples, Fresh Market	1977(a)	185	6.3(b)	360	Ton	\$315	\$ 113,000
Cider	1977	xx	xx	815	Ton	120	97,800
TOTAL APPLES	1977	xx	xx	1,165	Ton	xx	210,800
Avocados	1977	15,245	3.3	50,310	Ton	995	50,058,000
	1976	15,045	2.7	40,620	Ton	1,035	42,042,000
Nonbearing Acres	1977	(3,600)					
	1976	(3,460)					
Grapes, Wine	1977	200	1.2	235	Ton	308	72,380
	1976	120	1.5	180	Ton	240	43,200
Nonbearing Acres	1977	(190)					
	1976	(190)					
Strawberries, Fresh	1977	630	22.3(b)	7,305	Ton	647	4,726,000
	1976	735	21.0(b)	9,555	Ton	590	5,637,000
Processing	1977	xx	xx	6,745	Ton	444	2,995,000
	1976	xx	xx	5,880	Ton	491	2,887,000
TOTAL STRAWBERRIES	1977	xx	xx	14,050	Ton	xx	7,721,000
	1976	xx	xx	15,435	Ton	xx	8,524,000
Misc. Fruits & Nuts	1977	255(a)	xx	xx	xx	xx	606,000
Apricots, Cherimoyas,	1976	500	xx	xx	xx	xx	367,000
Figs, Filberts, Kiwifruits, Macadamia Nuts, Peaches, Pears, Persimmons, Pomegranates, Raspberries, Walnuts							

CITRUS

Grapefruit,	1977	745	17.8(b)	9,680	Ton	146	1,413,000
Fresh Market	1976	745	11.9(b)	6,295	Ton	200	1,259,000
Byproduct	1977	xx	xx	3,580	Ton	40	143,000
	1976	xx	xx	2,570	Ton	40	103,000
Nonbearing Acres	1977	(640)					
	1976	(640)					
TOTAL GRAPEFRUIT	1977	xx	xx	13,260	Ton	xx	1,556,000
	1976	xx	xx	8,865	Ton	xx	1,362,000

(a) Apples included in Misc. Fruits & Nuts in 1976

(b) "Yield per acre" includes all fruit, whether sold fresh or for processing

NOTE: Figures in italics show proportion of crop going for fresh sale or processing.
Total production and value also shown for each crop.

(6)

FRUIT AND NUT CROPS, CONTINUED

Crop	Year	P R O D U C T I O N			Unit	V A L U E	
		Harvested Acreage	Per Acre	Total		Per Unit	Total
Lemons, Fresh Market	1977	2,660	16.4 (b)	24,000	Ton	240	\$ 5,760,000
	1976	2,660	17.2 (b)	27,450	Ton	315	8,647,000
Byproduct	1977	xx	xx	19,500	Ton	31	604,000
	1976	xx	xx	18,300	Ton	21	384,000
Nonbearing Acres	1977	(450)					
	1976	(450)					
TOTAL LEMONS	1977	xx	xx	43,500	Ton	xx	6,364,000
	1976	xx	xx	46,440	Ton	xx	9,031,000
Limes Fresh Market	1977	305	14.0 (b)	3,415	Ton	460	1,571,000
	1976	305	14.0 (b)	3,375	Ton	455	1,536,000
Byproduct	1977	xx	xx	855	Ton	80	68,500
	1976	xx	xx	900	Ton	80	72,000
Nonbearing Acres	1977	(50)					
	1976	(45)					
TOTAL LIMES	1977	xx	xx	4,270	Ton	xx	1,640,500
	1976	xx	xx	4,275	Ton	xx	1,608,000
Oranges, Navel Fresh Market	1977	1,120	9.5 (b)	6,915	Ton	279	1,929,000
	1976	1,095	10.1 (b)	7,630	Ton	200	1,526,000
Byproduct	1977	xx	xx	4,790	Ton	76	364,000
	1976	xx	xx	3,430	Ton	40	137,000
Nonbearing Acres	1977	(30)					
	1976	(50)					
TOTAL NAVEL ORANGES	1977	xx	xx	11,705	Ton	xx	2,293,000
	1976	xx	xx	11,060	Ton	xx	1,663,000
Oranges, Valencia Fresh Market	1977	8,185	11.0 (b)	51,300	Ton	294	15,082,000
	1976	8,165	13.5 (b)	66,135	Ton	225	14,880,000
Byproduct	1977	xx	xx	38,700	Ton	71	2,748,000
	1976	xx	xx	44,090	Ton	60	2,645,000
Nonbearing Acres	1977	(80)					
	1976	(95)					
TOTAL VALENCIA ORANGES	1977	xx	xx	90,000	Ton	xx	17,830,000
	1976	xx	xx	110,225	Ton	xx	17,525,000

(a) Apples included in Misc. Fruits & Nuts in 1976

(b) "Yield per acre" includes all fruit, whether sold fresh or for processing

NOTE: Figures in italics show proportion of crop going for fresh sale or processing.
Total production and value also shown for each crop.

FRUIT AND NUT CROPS, CONTINUED

(7)

Crop	Year	P R O D U C T I O N				V A L U E	
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Tangerines, Tangelos	1977	910	16.6 (b)	12,085	Ton	\$154	\$ 1,861,000
Fresh Market	1976	905	14.2 (b)	9,895	Ton	175	1,732,000
Byproduct	1977	xx	xx	3,020	Ton	35	106,000
	1976	xx	xx	2,955	Ton	60	117,000
Nonbearing Acres	1977	(40)					
	1976	(45)					
(TOTAL TANGERINES, TANGELOS)	1977	xx	xx	15,105	Ton	xx	1,967,000
	1976	xx	xx	12,850	Ton	xx	1,909,000
TOTAL CITRUS	1977	(13,925)	xxx	(177,840)	Ton	xxx	(31,649,500)
	1976	(13,915)	xxx	(193,065)	Ton	xxx	(33,098,000)
Total Nonbearing Acres Citrus	1977	(1,290)	xxx				
	1976	(1,325)	xxx				
<hr/>							
TOTAL	1977	30,440	xx	xx	xx	xx	\$90,317,680
	1976	30,275	xx	xx	xx	xx	84,074,200
Nonbearing Acres	1977	(5,080)					
	1976	(5,575)					

(a) Apples included in Misc. Fruits & Nuts in 1976.

(b) "Yield per acre" includes all fruit, whether sold fresh or for processing.

NOTE: Figures in italics show proportion of crop going for fresh sale or processing.
Total production and value also shown for each crop.

(8)

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	P R O D U C T I O N			Unit	V A L U E	
		Harvested Acreage	Per Acre	Total		Per Unit	Total
Beans, Snap	1977	380	4.6	1,750	Ton	\$474	\$ 830,000
	1976	410	3.2	1,310	Ton	574	752,000
Bunch Vegetables	1977	110	xx	xx	xx	xx	211,000
	1976	140	xx	xx	xx	xx	339,000
Beets, Chinese Cabbage, Collards, Green onions, Mustard Greens, Parsley, Radishes, Spinach, Turnip Greens							
Cabbage	1977	345	11.4	3,930	Ton	186	731,000
	1976	290	11.0	3,190	Ton	129	412,000
Cauliflower	1977	455	5.0	2,275	Ton	532	1,210,000
	1976	900	6.0	5,400	Ton	423	2,284,000
Celery	1977	535	30.0	16,050	Ton	180	2,889,000
	1976	525	30.5	16,000	Ton	225	3,600,000
Cherry Tomatoes	1977	170	13.2	2,245	Ton	703	1,578,000
	1976	165	13.5	2,230	Ton	521	1,162,000
Corn, Sweet	1977	395	6.1	2,410	Ton	206	496,000
	1976	450	7.5	3,375	Ton	195	658,000
Cucumbers	1977	505	24.8	12,520	Ton	258	3,230,000
	1976	350	28.0	9,800	Ton	275	2,695,000
Peppers, Bell	1977	75	7.9	590	Ton	300	177,000
	1976	125	6.6	825	Ton	276	228,000
Peppers, Chili	1977	270	2.4	650	Ton	706	459,000
	1976	70	4.3	300	Ton	781	234,000
Potatoes	1977	720	22.5	16,200	Ton	120	1,944,000
	1976	600	20.0	12,000	Ton	78	936,000
Pumpkins	1977	55	xx	xx	xx	xx	49,000
	1976	48	xx	xx	xx	xx	37,200
Romaine	1977	330	16.8	5,540	Ton	177	981,000
	1976	140	13.6	1,905	Ton	193	368,000
Squash	1977	540	7.4	4,000	Ton	373	1,492,000
	1976	520	9.2	4,785	Ton	347	1,660,000

VEGETABLE CROPS, CONTINUED

(9)

Crop	Year	P R O D U C T I O N				V A L U E	
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Tomatoes, Fresh Market	1977	(1,730)	(21.0)	(36,300)	Ton	\$(589)	\$(21,381,000)
Spring	1976	(1,235)	(36.9)	(45,570)	Ton	(301)	(13,717,000)
Summer	1977	(185)	(25.4)	(4,700)	Ton	(296)	(1,391,000)
	1976	(340)	(31.0)	(10,540)	Ton	(380)	(4,005,000)
Fall	1977	(3,515)	(25.7)	(90,335)	Ton	(449)	(40,560,000)
	1976	(3,680)	(31.5)	(116,000)	Ton	(329)	(38,164,000)
Total, Fresh Market	1977	5,430	xx	xx	xx	xx	63,332,000
	1976	5,255	xx	xx	xx	xx	55,886,000
Misc. Vegetables	1977	965	xx	xx	xx	xx	3,629,000
Alfalfa Sprouts,	1976	750	xx	xx	xx	xx	2,500,000
Asparagus, Broccoli, Cantaloupes, Chayotes, Chinese Vegetables, Cucumbers (Hothouse Grown,) Eggplant, Endive, Gourds, Indian Corn, Jerusalem Artichokes, Leaf Lettuce, Mushrooms, Rhubarb, Squash (Winter Types,) Sugar Peas, Sweet Potatoes, Watermelons							
TOTAL	1977	11,280	xx	xx	xx	xx	\$83,238,000
	1976	10,738	xx	xx	xx	xx	73,751,200

(10)

NURSERY PRODUCTS AND MARKET FLOWERS: ACRES, SALES AND VALUE

Item	Year	Acres	Quantity Sold	Unit	Total Value
Citrus & Subtropical Fruit Trees	1977	65	926,000	Plants	\$ 4,246,000
	1976	150	1,117,000	Plants	3,553,000
Ornamental Trees & Shrubs	1977	775	7,354,000	Plants	12,375,000
	1976	795	5,194,000	Plants	10,378,000
Bedding Plants	1977	55	xx	xx	4,571,000
	1976	56	xx	xx	4,957,000
Herbaceous Perennials	1977	21	xx	xx	83,375
	1976	29	xx	xx	138,000
Cactus & Succulents	1977	85	9,841,000	Plants	2,783,000
	1976	70	xx	xx	3,709,000
Bulbs, Corms, Rhizomes, Roots, Tubers	1977	1,060	50,674,000	Bulbs	1,517,000
	1976	255	xx	xx	967,000
SUBTOTAL, NURSERY STOCK	1977	(2,061)	xxx	xxx	(25,575,000)
	1976	(1,355)	xxx	xxx	(23,702,000)
Carnations, Standard	1977(a)	96	68,250,000	Blooms	5,854,000
	1976(b)	117	70,598,000	Blooms	6,676,000
Carnations, Miniature	1977	11	339,000	Bunches	392,000
Gladiolus	1977(a)	735	21,893,000	Spikes	2,306,000
	1976(a)	745	23,300,000	Spikes	2,427,000
Roses All types	1977(a)	18	16,483,000	Blooms	2,464,000
	1976(a)	17	13,166,000	Blooms	1,768,000
Christmas Trees (Cut)	1977	115	30,100	Trees	389,000
	1976	105	39,000	Trees	524,000
Indoor Decoratives Including decorative foliage plants and potted flowers	1977(a)	119	xx	xx	18,112,000
	1976(a)	82	xx	xx	14,001,000
All Other Includes more than twenty kinds of cut flowers and cut foliage	1977	1,237	xx	xx	16,926,000
	1976	1,132	xx	xx	19,649,000
SUBTOTAL, CUT FLOWERS AND POTTED PLANTS	1977	(2,320)	xxx	xxx	(46,443,000)
	1976	(2,198)	xxx	xxx	(45,045,000)
TOTAL	1977	4,381	xx	xx	72,018,000
	1976	3,553	xx	xx	68,747,000

(a) Figures supplied by California Crop and Livestock Reporting Service from joint Federal-State Horticulture Survey; "ALL OTHER" partially furnished by State.

(b) Includes Miniature carnations

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

(11)

Item	Year	P R O D U C T I O N		Unit	V A L U E	
		No. of Head	Total Liveweight		Per Unit	Total
Cattle & Calves (a)	1977	26,000	208,000	Cwt.	28.00	\$ 5,824,000
	1976	27,200	236,000	Cwt.	27.00	6,372,000
Hogs and Pigs	1977	5,100	10,710	Cwt.	47.00	503,000
	1976	4,200	8,820	Cwt.	38.00	335,000
Chickens, Misc. Meat	1977	2,200,000	8,800,000	Lb.	0.08	704,000
	1976	2,000,000	8,000,000	Lb.	0.08	640,000
Rabbits	1977	426,800	1,916,000	Lb.	0.49	939,000
	1976	485,000	2,182,000	Lb.	0.475	1,036,000
Misc. Meat & Poultry Lambs, Replacement Pullets, Turkeys	1977	xx	xx	xx	xx	847,000
	1976	xx	xx	xx	xx	2,457,000
TOTAL	1977	xx	xx	xx	xx	8,817,000
	1976	xx	xx	xx	xx	10,840,000

(a) Includes dairy animals sold for slaughter

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	V A L U E	
				Per Unit	Total
Milk, Market	1977	2,481,000	Cwt.	9.956	24,701,000
	1976	2,624,000	Cwt.	9.60	25,190,000
Eggs, Chicken, Market	1977	114,240,000	Doz.	0.45	51,408,000
	1976	112,000,000	Doz.	0.49	54,880,000
Misc. Products Manufacturing Milk Turkey Eggs, Wool, Worms	1977	xx	xx	xx	321,000
	1976	xx	xx	xx	254,000
TOTAL	1977	xx	xx	xx	76,430,000
	1976	xx	xx	xx	80,324,000

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	V A L U E	
				Per Unit	Total
Honey and Beeswax	1977	xx	xx	xx	44,000
	1976	xx	xx	xx	395,000