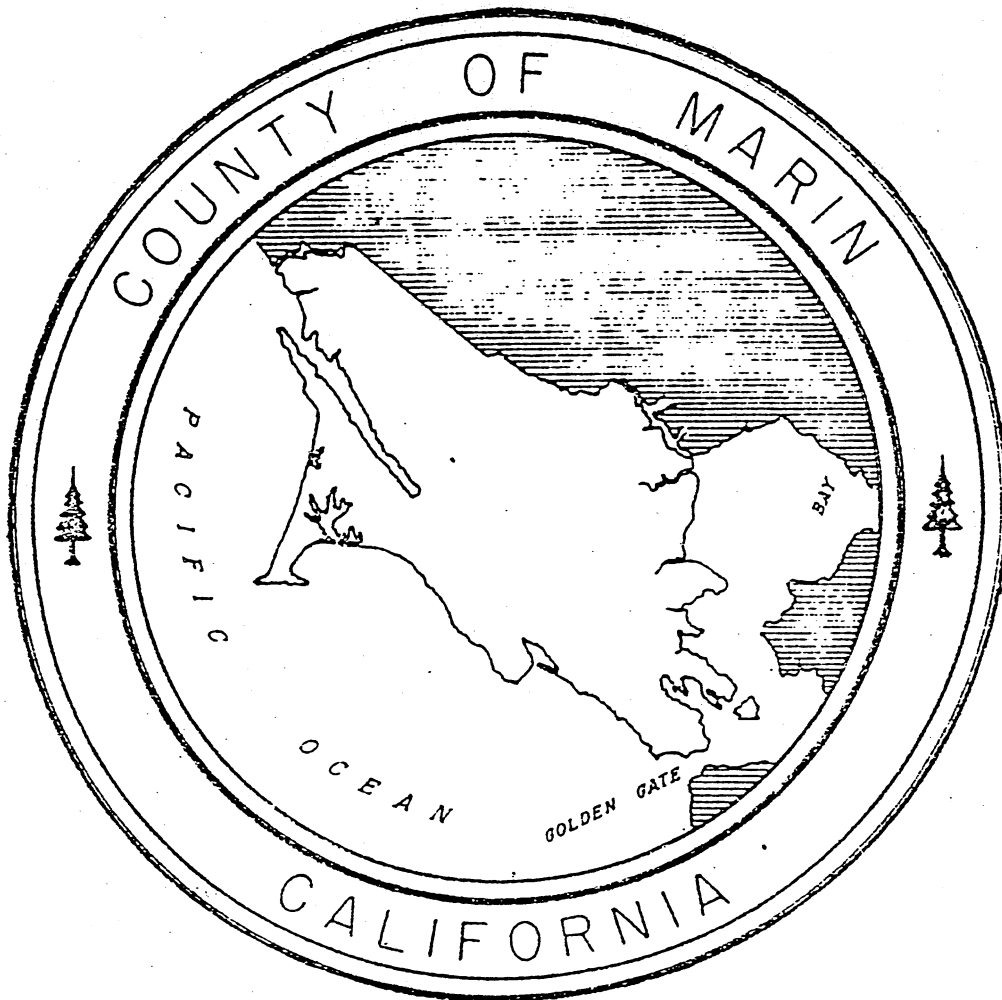


COUNTY OF MARIN
ANNUAL
LIVESTOCK AND AGRICULTURAL CROP REPORT
1977



AGRICULTURAL COMMISSIONER
CIVIC CENTER
SAN RAFAEL, CALIFORNIA

C O U N T Y O F M A R I N

DEPARTMENT OF AGRICULTURE
ADMINISTRATION BUILDING
CIVIC CENTER
SAN RAFAEL, CALIFORNIA

R. ALLAN BALLARD
AGRICULTURAL COMMISSIONER

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Mr. Richard E. Rominger, Director
California Department of Food and Agriculture

Board of Supervisors, County of Marin:

Arnold M. Baptiste, Chairman
Barbara Boxer
Gary Giacomini
Denis T. Rice
Robert Roumiguere

Dear Mr. Rominger and Board Members:


I am pleased to submit the 1977 Annual Livestock and Agricultural Crop Report for the County of Marin, as required by Section 2279 of the California Agricultural Code.

The combined livestock industry represents about 92% of the total gross agricultural value of the county, of which nearly 72% is derived from milk production alone.

Certain categories are combined where production is either of minor importance or necessary to protect the interest of producers of entire crops. The figures presented in this report represent the gross value of agricultural production and do not reflect net income to the growers.

The valuable assistance of those who have provided the information and records necessary for the compilation of this report is acknowledged and appreciated. The compilation was done by Senior Agricultural Biologist Jack W. Schrock.

Respectfully submitted,



R. ALLAN BALLARD
AGRICULTURAL COMMISSIONER

RABaa

DEPARTMENT PERSONNEL

R. Allan Ballard, Agricultural Commissioner

STAFF

Philip Economon, Assistant Agricultural Commissioner

Senior Agricultural Biologists

Guy K. Hiroshima

E. Robert Nelson

Albert E. LaRose

Jack W. Schrock

Anne Andrews, Secretary

RESPONSIBILITIES OF THE AGRICULTURAL COMMISSIONER

The objectives of the Marin County Department of Agriculture are to protect the agricultural industry, the consumer of agricultural products and the environment. The Agricultural Commissioner, who is employed by the Board of Supervisors and works under supervision of the Director of the California Department of Food & Agriculture, heads the County Department of Agriculture, is responsible for local enforcement of the California Food and Agricultural Code and other laws and regulations pertaining to agriculture, and also performs other duties as prescribed by the Board of Supervisors.

Specific programs of the department include:

Environmental protection:

Pest Detection: Inspections of home gardens, rangeland, commercial crops and high hazard areas and the placing of insect traps at locations throughout the county are performed for the purpose of finding new infestations of serious agricultural pests such as insects, plant diseases, weeds and animals not known to occur in the state before they become widely established.

Pest Eradication: Inspections are made to determine the extent of infestations of serious agricultural pests that have become established in the county and require eradivative measures to eliminate the problem. Four eradication weed pests and one plant disease are found in Marin County: Biddy-Biddy, Canada Thistle, Artichoke Thistle, Plumeless Thistle and Dutch Elm Disease.

Pest Management: This includes the preparation and distribution of poison bait for control of rats, mice, gophers and ground squirrels; a limited amount of spraying to control certain noxious weeds; identification of common pests.

Pest Exclusion: All shipments of plants, live animals and conveyances likely to harbor pests entering the county through the post office and other facilities are inspected for serious pests and compliance with state and federal quarantines.

Pesticide Use Enforcement: This program involves protection of the environment and public health from the misuse of pesticides; also the enforcement of laws and regulations concerning the activities of agricultural pest control operators, advisers and structural pest control operations. Certification of private applicators to use certain permit pesticides are issued by this department, including the permit. All employers who assign pesticide work activities to their employees are responsible under CAL OSHA to implement worker safety regulations enforced by this department.

Consumer Protection:

Nursery and Seed Inspection: These programs protect the consumer by inspections to insure that plants and seed are kept commercially clean from pests and are properly labeled.

Fruit, Vegetable, Honey and Egg Quality Control: Inspections are made at retail stores and wholesale outlets to determine compliance with laws and regulations pertaining to quality standards and labeling. These programs help consumers by insuring availability of produce and eggs of acceptable quality.

Other Programs:

Non-Regulatory Weed Control: Applications of herbicides are made on county roads to help increase visibility, prevent fires and decrease road damage from weeds. These programs are performed for the County Fire and Public Works Departments.

Other: Apiary inspection involves inspection of apiaries for serious bee diseases. Crop statistics is the gathering of data and reporting annually to the State Department of Food & Agriculture and the Board of Supervisors on the value of agricultural production in the County. Assistance is given to other agencies regarding problems related to agriculture such as air and water pollution, emergency services, etc.

FIELD, FRUIT, NUT & VEGETABLE CROPS

	YEAR	HARVESTED	TOTAL		DOLLAR VALUE:	
		ACREAGE	UNITS	UNIT	PER UNIT	TOTAL
Hay, Grain & Silage	1977	5,100	18,600	Ton	\$38.50	\$716,600
	1976	4,700	12,200	Ton	47.18	575,500
Pasture, Irrigated	1977	530		Acre	60.00	31,800
	1976	530		Acre	60.00	31,800
Pasture, Other	1977	133,000		Acre	4.00	532,000
	1976	133,000		Acre	4.00	532,000
Fruits, Nuts & Vegetables	1977	55				35,100
	1976	43				23,300
TOTAL	1977	138,685				\$1,315,500
	1976	138,473				\$1,162,600

NURSERY PRODUCTS

ITEM	YEAR	PRODUCTION AREA		QUANTITY		PER UNIT	TOTAL
		HOUSE SQ. FT	FIELD AREAS	SOLD BY PRODUCERS	UNIT		
Nursery Crops *1	1977	155,800	15	110,750	plant	\$.90	\$ 99,290
	1976	155,800	15	126,200	plant	1.80	227,000
Cut Plants *2	1977	225,000	135	587,500	bunch	1.39	817,800
	1976	225,000	145	595,300	bunch	1.16	692,200
TOTAL	1977	380,800	135				\$ 917,090
	1976	380,800	160				\$ 919,200

*1 Ornamental trees, herbaceous perennials, succulents, etc.

*2 Orchids, roses, heather, stocks, lilies, etc.

INVENTORIES OF LIVESTOCK & POULTRY

ITEM	JAN. 1, 1978	JAN. 1, 1977
Cattle & Calves, all	35,500	40,200
Dairy Cows & Heifers that have calved	13,400	15,300
Beef Cattle & Heifers that have calved	6,700	7,000
Calves	15,400	18,100
Stock Sheep & Lambs	10,700	12,300
Hogs	360	410
Poultry	93,300	74,600

LIVESTOCK AND POULTRY
PRODUCTION

ITEM	YEAR	NUMBER OF HEAD	LIVEWEIGHT (CWT)	UNIT	DOLLAR VALUE	
					PER UNIT	TOTAL
Cattle	1977	23,300	114,300	Cwt.	33.74	\$3,857,400
	1976	19,700	112,200	Cwt.	36.00	4,039,200
Lambs	1977	10,600	10,500	Cwt.	46.50	488,300
	1976	8,000	7,800	Cwt.	50.00	390,000
Hogs and Pigs	1977	390	711	Cwt.	44.00	31,500
	1976	400	735	Cwt.	38.76	28,500
Poultry, All	1977	221,600				913,400
	1976	225,200				453,200
TOTAL	1977					\$5,290,600
	1976					\$4,910,900

LIVESTOCK AND POULTRY
PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	DOLLAR VALUE	
				PER UNIT	TOTAL
Milk: Market (revised)	1977	1,792,000	Cwt.	10.106	\$18,110,000
	1976	1,877,000	Cwt.	9.475	17,785,000
Milk: Manuf. (revised)	1977	8,400	Cwt.	9.44	79,300
	1976	6,300	Cwt.	9.74	61,400
Wool:	1977	115,800	Lib.	.59	68,300
	1976	97,900	Lib.	.64	62,700
Eggs: Hatching and Prod.	1977	2,210,000			1,225,100
	1976	2,315,700			742,000
TOTAL (revised)	1977				\$19,482,700
	1976				\$18,651,100

COMPILATION

	<u>1977</u>	<u>1976</u>
Field & Orchard Crops	1,315,500	1,162,600
Nursery Crops	917,090	919,200
Livestock & Poultry	5,290,600	4,910,900
Livestock & Poultry Products	<u>19,482,700</u>	<u>18,651,100</u> (revised)
	\$27,005,890	\$25,643,800 (revised)

<u>Year</u>	<u>Total</u>	<u>Year</u>	<u>Total</u>
1975	\$24,569,000	1970	\$16,842,080
1974	\$23,423,900	1969	\$15,502,000
1973	\$21,854,600	1968	\$14,135,100
1972	\$18,439,600	1967	\$13,231,300
1971	\$18,439,600	1966	\$12,952,110