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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

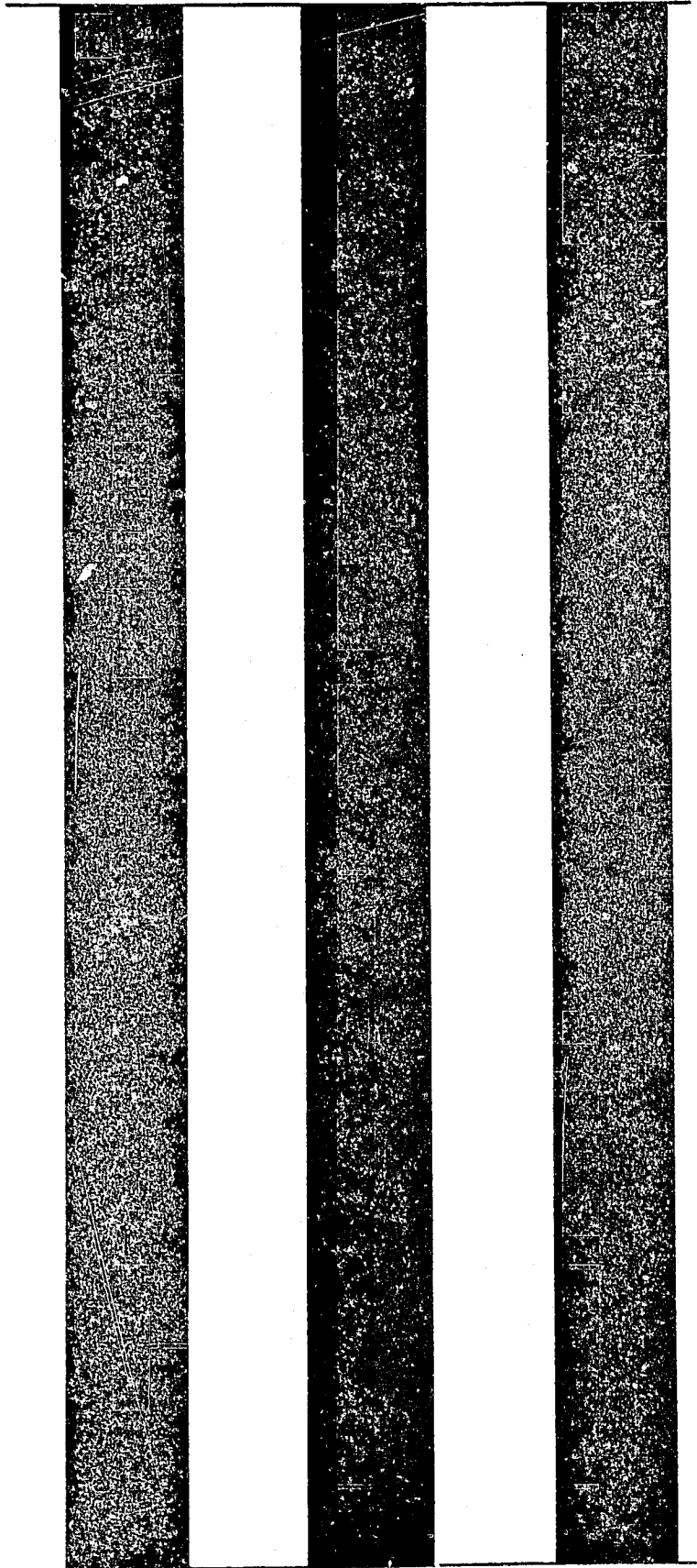
San Mateo County

1960-1963

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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1960

San Mateo County

AGRICULTURAL REPORT

1960



Our 1960 State Fair Exhibit

SAN MATEO COUNTY
DEPARTMENT OF AGRICULTURE

UNIVERSITY OF CALIFORNIA
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Honorable Board of Supervisors
County of San Mateo

and

Charles Paul, Director
State Department of Agriculture

Gentlemen:

As requested by the provisions of Section 65.5 of the Agricultural Code of California, we submit our report of the acreage, production, and value of the agricultural products for San Mateo County for the year 1960 with comparative figures for 1959.

This year we have added a narrative section to our report showing the functions and activities of our Department. Its purpose is to inform the public of our work and create better understanding.

The 1960 total shows a decrease in value of \$246,495. The major crops accounting for the decrease were wheat, cauliflower, artichokes, snapdragons, and chrysanthemums. The items showing increase in value were Brussels sprouts, potatoes, strawberries, vetch seed, orchids, and marguerites.

This report represents agricultural statistics of the County and the gross income to the growers.

We are grateful to all individuals and organizations for their cooperation in gathering the information for this report.

Respectfully submitted,



Victor A. Canavese, Commissioner
Department of Agriculture
County of San Mateo.

VAC:mw
500-2/61

SAN MATEO COUNTY

Board of Supervisors

E. R. McDonald--Chairman

T. Louis Chess
Alvin S. Hatch

James V. Fitzgerald
William M. Werder

E. R. Stallings
County Manager

DEPARTMENT OF AGRICULTURE

Victor A. Canavese
Agricultural Commissioner

Ian J. Campbell
Chief Deputy

Clarence M. Sill
Deputy

Senior Inspectors

Mervin J. Cresta
William E. Davis
Emile L. Labadie, Jr.
Richard G. Lauder

Inspectors

George M. Gregory
Melvin A. Mello
Ronald A. Mickelsen
Wallace L. Plummer
Floyd E. Sampson
Joseph A. Schenone
Curtis Van Sandt
Vacant--one position

Alfred M. Marion
Part time Apiary Inspector

Arnold Roach
Field Operator

Marion Gray
Predatory Animal Hunter

Mary C. Barberis
Steno Clark II

Minnie A. Wells
Steno Clerk II

FUNCTIONS AND ACTIVITIES

SAN MATEO COUNTY DEPARTMENT OF AGRICULTURE

Year---1960

The Department of Agriculture is an integral part of the County government. The head of the Department, the Agricultural Commissioner, is appointed by the Board of Supervisors. Members of the staff are appointed by the Commissioner. All are qualified for appointment to the positions which they hold by examination and certification by the State Department of Agriculture.

The primary function of the Department is to protect and promote the agricultural industry of the County through enforcement of State laws contained in the Agricultural Code and in provisions of the State Administrative Code. This work is performed under the direction and supervision of the State Director of Agriculture.

The Agricultural Commissioner and his staff are directly responsible to the Board of Supervisors who may, as they desire, assign other than regulatory duties to the Department. Funds for the operation of the Department are provided by the Board of Supervisors.

The laws pertaining to agriculture are enacted for the benefit and protection of both the agricultural industry and the consumer.

The following is a summary giving the objectives and statistical information regarding the various activities of the Department.

PLANT QUARANTINE

The purpose of Plant Quarantine is to prevent the introduction into or the spread within the State of certain weed, plant disease, insect, or animal pests which are harmful to agriculture.

In the performance of plant quarantine work numerous inspections are made at postoffices, express offices, railroad and truck depots, air terminals, nurseries, and other points where incoming plant shipments are held for inspection.

No. of Quarantine Calls	15,856
No. of Shipments Inspected	12,324
No. of Plants Inspected	7,193,369
No. of Shipments in Violation	199
No. of Plants in Violation	60,678

CERTIFICATION

In order to comply with requirements of other counties, states, foreign countries, the following certificates were issued:

Intrastate Certificates Issued	47,541
Interstate Certificates Issued	42,028
Foreign Certificates Issued	183

STANDARDIZATION

In order to prevent fraud and deception in the sale of fresh fruits, vegetables, nuts, eggs, poultry meats and honey, minimum standards of quality, packing, and marking are set forth in the Agricultural Code. Inspections to determine compliance are made in the fields, packing sheds, and wholesale and retail markets. Rigid enforcement of the minimum standards gives protection to the wholesaler, retailer and consumer.

Standardization Calls	3,893
Incoming Shipments Inspected	1,619,563 packages
Outgoing Shipments Inspected	58,832 packages
Retail Market Inspection	
Produce	1,558,956 packages
Eggs	1,809,154 dozen
Poultry	310,459 carcasses
Honey	124,819 packages
Commodities in Violation	
Produce	10,068 packages
Eggs	40,840 dozen
Poultry	34 carcasses

NURSERY INSPECTION

The 287 plant sales locations in San Mateo County licensed to sell nursery stock do an annual business in excess of \$2,500,000. These locations are inspected once and sometimes twice annually. The inspections show if new plant pest infestations are a threat to the agricultural industry. Plants, besides meeting a rigid degree of cleanliness, must also be correctly labeled.

Nursery Inspections	437
Notices of Non-Compliance	155
Nursery Inspection Calls	1,381
Nurseries Qualified to Use	
Intercounty Nursery Stock Certificates	61
Intercounty Nursery Stock	
Certificates Issued	47,500

FIELD AND ORCHARD

Advice on plant culture, insect pests, plant diseases, and weed control is given by members of the Staff to our farmers, orchardists, and floral nurserymen. Surveys are made each year in certain areas of the County for grasshopper populations and assistance is given whenever this pest becomes serious.

Home Calls	2,160
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SURVEY AND PEST DETECTION

To detect the possible presence of serious agricultural pests not known to be established in either the County or the State, survey and trapping programs are conducted throughout farming, residential areas and airports.

Disease surveys included those for Rhododendron Rust, Oak Wilt, and Birch Tree Rust. The latter disease was found and eradication measures were taken.

Survey and insect detection programs were carried on for: Japanese Beetles, Fruit Flies, Khapra Beetles, Citrus White Flies, and European Corn Borers. One Walnut Husk Fly, a pest which is new to our County, was found. There were also 78 Japanese Beetles intercepted by Federal and State personnel at the International Airport.

No. of Traps Used	231
No. of Calls	1,606

PEST CONTROL

The Department enforces State and County rules and regulations governing the conduct of agricultural pest control operators. All licensed agricultural pest control operators must register with the Department each year.

Certain pest control materials because of their extreme hazard and danger to the safety and health of humans, animals, and plants, can only be purchased or used under a permit issued by the Department.

Pest Control Operators Registered	70
Injurious Materials and Herbicide Permits Issued	420

SEED INSPECTION

Seed is inspected for compliance with the California Seed Law which requires that agricultural and vegetable seed be properly labeled, that the label be accurate and that the seed meet all the specifications as set forth on the label.

No. of Seed Dealers	260
No. of Seed Inspection Calls	758
No. of Lots Inspected	10,418
No. of Lots in Violation	132
No. of Official Samples Taken	34

RODENT AND PEST ANIMAL CONTROL

Ground squirrels, in addition to being serious agricultural pests, can be carriers of Bubonic Plague, Tularemia, and other diseases which are transmissible to man. The Department conducts a County-wide control program against these rodents with a view toward eradication. All materials used are furnished, without cost, to the property owner.

Poison baits for the control of field mice, rats, and gophers are sold at cost to growers. Approximately 1,300 pounds of poisoned grain were prepared. Advice is also given as to methods of control.

Nutria, a rodent raised for fur, is a potential agricultural pest. All raisers of nutria are required to obtain an annual State permit to raise or sell these animals. The permit is issued only after our inspection of the pens has determined that they are built in accordance with State regulations and are escape proof.

Acres Inspected	14,378
Acres Treated for Ground Squirrels	358
No. of Pounds Grain Bait	158
No. of Pounds Carbon Bisulphide	663
No. of Pounds Grain Baits Sold	
For Rat and Mice Control	1,127
Ounces of Strychnine for	
Gopher Control	78

WEED CONTROL

Certain weeds, because of the nature of their growth and the difficulty of their control, are declared by law to be primary or secondary noxious weeds. Surveys in the agricultural areas are made continually for the presence of these weeds. When they are found, the Department cooperates with the owner in the necessary control or eradication measures.

In order to protect the Coastside agricultural areas from serious weed pests, measures are taken to eradicate or control incipient infestations found on the roads leading to the Coastside. The Department enters into a service agreement with the State Division of Highways whereby the County is reimbursed for any control work done on any designated highways in the County.

Acres Inspected	4,146
Acres Treated	418

STATISTICS

The Agricultural Code requires that the Agricultural Commissioner's office compile and publish an annual report showing the acreage and value of all crops grown in the County. This information is obtained by our Staff from more than 700 growers. The report is furnished other government agencies, educational institutions, private individuals, and to industry allied to agriculture. Statistical data regarding specific crops is furnished upon request.

LABORATORY

Well water is tested for salt content. This service is important as many homeowners developed wells with water too salty for healthy plant growth.

Tests Made	54
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Nematode detection work is also undertaken in the laboratory. Root samples of incoming plant shipments are examined in cooperation with the State Department of Agriculture to determine the presence of plant parasitic nematodes.

By laboratory techniques, it can be determined whether any of these serious pests are present.

Tests Made	78
Plant Parasitic Nematodes Found	14

FAIRS

Our Department designs, installs, and arranges the County Exhibit at the California State Fair in Sacramento. By carefully selecting, sorting, and arranging flowers and ornamental plants supplied by more than 100 San Mateo

County growers, the Department has consistently won first prize on the feature exhibit and sweepstakes in the cut flower competition against other California counties. The sum of \$1,675 was won and turned into the County General Fund.

We also assist in the staging and judging of the Agricultural Section of the San Mateo County Fiesta.

APIARY

In the spring of each year, the Apiary Inspector inspects all bee colonies to determine the presence of serious diseases. Colonies found infected with American Foulbrood are ordered destroyed. All owners of bees are required to register with the Commissioner each year.

	<u>No. Apiaries</u>	<u>No. Colonies</u>
Inspected	99	977
Diseased		13
Destroyed		5

PREDATORY ANIMAL CONTROL

Through an agreement among the U. S. Department of Interior, the State Department of Agriculture, and the County, a predatory animal hunter is assigned for the protection, primarily, of the cattle and sheep industries.

Calls	787
Bobcats Taken	85
Coyotes Taken	82
Others (Badgers, Raccoons, Skunks) Taken	189

OTHER ACTIVITIES

1. Received 9,817 public service calls covering plant, pest control, and other agricultural and home garden problems.
2. Handled 311 home calls relating to plant pest control and other cultural difficulties which could not be answered by phone nor office calls.
3. Attended 257 meetings of the State Department of Agriculture, scientific groups and other agricultural organizations.
4. Sprayed all elm trees along County roads for the control of Elm Leaf Beetle.
5. Postentry quarantine inspections were made of growing grounds in preparation for foreign plant shipments.
6. Plant material, insect, disease, and weed pests were identified.

7. Articles were prepared for newspaper publication.
8. In cooperation with the U. S. Department of Commerce, two weather stations were maintained and operated.
9. Supervised weed abatement and prepared the proportioned cost on unimproved properties in two residential districts.
10. Under Civilian Defense, were prepared to cooperate with proper law enforcement agencies in order to assist in safeguarding food supplies in the event of a national disaster.
11. Cooperated with the Smog Control Board as related to problems of smog damage to agricultural crops, and issued necessary permits for burning agricultural waste.
12. Educational talks were given to various garden and farm groups, as well as to service clubs.
13. Prepared monthly and annual reports covering work of the office and sent copies to the State Director of Agriculture and the County Board of Supervisors.
14. Weekly reports were prepared for the California Crop and Livestock Reporting Service covering the harvesting and handling of crops and livestock and the effect weather may have on them.
15. Aided the State Department of Agriculture in maintaining the seed potato disease test plot.
16. Assisted the State Division of Industrial Safety in cases involving agricultural workers injured by careless use of pesticides.
17. Worked with the State Department of Agriculture in problems involving injurious spray residue on crops.
18. Cooperated with the Agricultural Extension Service in the dissemination of publications and other information supplied by the University of California, the United States Department of Agriculture, and other agencies.
19. Assisted the State Department of Agriculture in recovering money due growers on agricultural crops.
20. Marketing orders, set up by State law, provide means to control the handling of agricultural commodities resulting in superior quality for the consumer and better return to the producers. Assistance was given the Artichoke, Brussels Sprouts, and Lettuce Advisory Boards on their work.

ANNUAL CROP REPORT

VEGETABLE CROPS

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Anise	1960	5	14.0	69	Ton	118.92	\$ 8,205.00
	1959	2	14.0	28	"	116.10	3,251.00
Artichoke Total	1960	1,198	2.76	3,310	"	163.19	540,160.00
	1959	1,310	3.02	3,955	"	148.61	587,750.00
Fresh Mkt.	1960	1,198	2.49	2,988	"	170.00	507,960.00
	1959	1,310	2.33	3,054	"	160.00	488,640.00
Processing	1960			322	"	100.00	32,200.00
	1959			901	"	110.00	99,110.00
Beans, Green	1960	29	4.20	122	"	220.00	26,840.00
	1959	26	2.70	54	"	225.00	12,150.00
Beets, Table	1960	20	8.3	167	"	144.00	24,048.00
	1959	14	8.3	117	"	156.00	18,252.00
Broccoli Sprouting	1960	59	2.00	118	"	150.00	17,700.00
	1959	12	2.75	33	"	120.00	3,960.00
Brussels Sprouts Total	1960	1,832	6.4	11,725	"	193.00	2,263,100.00
	1959	1,944	5.5	10,656	"	178.50	1,902,080.00
Fresh Mkt.	1960			1,170	"	130.00	152,100.00
	1959			800	"	160.00	128,000.00
Freezer	1960	1,832	6.4	10,555	"	200.00	2,111,000.00
	1959	1,944	5.5	9,856	"	180.00	1,774,080.00
Cabbage	1960	183	12.0	2,196	"	45.00	98,820.00
	1959	210	16.0	3,360	"	47.75	160,440.00
Calabresi	1960	8	3.5	28.0	"	410.00	11,480.00
	1959	14	3.4	48.1	"	420.00	20,202.00
Carrots	1960	18	8.27	149	"	110.00	16,390.00
	1959	23	8.26	190	"	118.00	22,420.00

VEGETABLE CROPS

(cont'd.)

Crop	Year	Harvested Acreage	Production		Unit	Per Unit	Value	
			Per Acre	Total			Per Unit	Total
Cauliflower	1960	3	13.30	40	Ton	56.00	\$	2,240.00
	1959	12	10.58	127	"	81.50		10,350.00
Celery	1960	12	43.8	517	"	51.30		26,522.00
	1959	11	48.6	535	"	61.42		32,860.00
Celery Root	1960	14	4.28	60.0	"	125.00		7,500.00
	1959	14	4.27	59.8	"	150.00		8,970.00
Chives	1960							--
	1959	8	3.25	26	"	1,080.00		28,080.00
Chard	1960	44	13.10	578	"	80.00		46,240.00
	1959	39	13.10	512	"	85.00		43,520.00
Corn	1960	5	4.40	22.0	"	99.75		2,195.00
	1959	5	4.50	22.5	"	88.80		1,998.00
Dandelion Root	1960	7	6.0	42	"	155.00		6,510.00
	1959	7	6.0	42	"	150.00		6,300.00
Garlic	1960	5	3.00	15	"	360.00		5,400.00
	1959	2	2.50	5	"	400.00		2,000.00
Green Leaf* Vegetables	1960	38	6.0	229	"	87.38		20,010.00
	1959	27	6.0	163	"	93.60		15,162.00
Leeks	1960	17	17.4	296	"	100.00		29,600.00
	1959	16	17.6	282	"	95.00		26,752.00
Lettuce All var.	1960	324	9.95	3,225	"	82.81		267,053.00
	1959	324	9.50	3,081	"	91.32		282,054.00
Mushrooms	1960			1,500	"	720.00		1,080,000.00
	1959			1,500	"	700.00		1,050,000.00
Onions, Green	1960	3	10.00	30.00	"	177.76		5,333.00
	1959	3	10.11	30.35	"	182.20		5,530.00
Parsley	1960	23	10.0	230	"	180.00		41,400.00
	1959	22	10.0	220	"	195.00		42,900.00

* Includes: Collards, Kale, Mustard Greens, Rapini and Turnip Greens.

VEGETABLE CROPS

(cont'd.)

Crop	Year	Harvested Acreage	Production		Unit	Per Unit	Value	
			Per Acre	Total				Total
Parsnips	1960	2	6.50	13.00	Ton	129.00	\$	1,677.00
	1959	1	6.37	6.37	"	113.34		722.00
Peas, Market	1960	545	2.55	1,390.0	"	185.00		257,150.00
	1959	536	2.48	1,334.6	"	270.00		360,342.00
Potatoes	1960	88	11.0	968.0	"	95.00		91,960.00
	1959	79	10.5	829.5	"	70.00		58,065.00
Radish	1960	76	12.5	950	"	90.00		85,500.00
	1959	81	12.5	1,012.5	"	90.00		91,125.00
Salsify	1960	1	5.6	5.6	"	200.00		1,120.00
	1959	1	5.6	5.6	"	205.00		1,148.00
Seasoning Plants	1960	2	2.5	5	"	4,000.00		20,000.00
	1959	4	2.5	10	"	4,000.00		40,000.00
Spinach	1960	34	2.44	83.0	"	176.00		14,608.00
	1959	23	2.24	51.7	"	180.00		9,306.00
Spinach New Zealand	1960	25	12.4	312	"	210.00		65,520.00
	1959	24	12.0	288	"	200.00		57,600.00
Squash Winter	1960	8	10.0	80	"	62.50		5,000.00
	1959	8	10.0	80	"	73.00		5,840.00
Summer	1960	7	11.2	79	"	143.00		11,297.00
	1959	10	11.2	112	"	157.12		17,597.00
Turnips	1960	2	5.5	11	"	144.00		1,584.00
	1959	5	5.0	25	"	154.00		3,850.00
Msc. Veg. Field Grown	1960	16						21,500.00
	1959	18						15,950.00
Glasshouse Grown	1960	2,400	Sq. ft.					1,800.00
	1959	4,200	Sq. ft.					3,150.00
TOTAL	1960	4,653					\$	5,125,462.00
	1959	4,837					\$	4,951,026.00

FIELD CROPS

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Beans							
Dry Edible	1960	112	.85	96.0	Ton	150.00	\$ 14,400.00
	1959	174	.75	131.5	"	156.00	20,514.00
Fava	1960	97	.90	87	"	130.00	11,310.00
	1959	93	1.00	93	"	115.00	10,695.00
Barley	1960	2,436	.76	1,857	"	41.00	76,137.00
	1959	3,169	.75	2,377	"	41.60	98,883.00
Flaxseed	1960	2,670	8.75	22,861	Bu.	3.20	73,155.00
	1959	3,479	7.10	24,700	"	3.10	76,510.00
Hay							
Grain	1960	5,470	1.39	7,603	Ton	24.00	182,472.00
	1959	5,366	1.36	7,298	"	25.00	182,450.00
Other tame	1960	188	1.10	207	"	22.00	4,554.00
	1959	209	1.25	262	"	23.00	6,026.00
Oats	1960	6,347	.58	3,665	"	42.00	153,930.00
	1959	5,469	.69	3,800	"	46.80	177,840.00
Pasture							
Irrigated	1960	1,211			Acre	38.00	46,018.00
	1959	1,115			"	38.00	42,370.00
Other	1960	34,693			"	3.70	128,364.00
	1959	32,016			"	3.70	118,459.00
Wheat	1960	2	.35	.7	Ton	60.00	42.00
	1959	10	.65	6.5	"	61.00	396.00
TOTAL	1960	53,226					\$ 690,382.00
	1959	51,100					\$ 734,203.00

SEED CROPS

Crop	Year	Harvested Acreage	Production		Unit	Per Unit	Value	
			Per Acre	Total			Total	
Brussels Sprouts	1960			450	Lbs.	10.00	\$	4,500.00
	1959			500	"	10.00		5,000.00
Flax	1960	260	8.75	2,277	Bu.	3.25		7,400.00
	1959	119	7.10	848	"	3.25		2,756.00
Vetch	1960	350	.25	87.75	Ton	195.00		17,106.00
	1959	368	.15	57.00	"	150.00		8,550.00
TOTAL	1960	610					\$	29,006.00
	1959	607					\$	16,306.00

FRUIT AND NUT CROPS

Crop	Year	Harvested Acreage	Production		Unit	Per Unit	Value	
			Per Acre	Total			Total	
Apples								
Fresh Mkt.	1960	92	2.15	198	Ton	158.00	\$	31,284.00
	1959	108	2.00	216	"	153.00		33,048.00
Processing	1960			6.3	"	40.00		252.00
	1959			39.0	"	22.50		878.00
Apricots, dry	1960	14	.23	3.2	"	725.00		2,320.00
	1959	12	.35	4.2	"	975.00		4,095.00
Bushberries	1960	10	2.25	22.5	"	755.00		16,988.00
	1959	10	3.60	36.0	"	778.00		28,000.00
Grapes	1960	7	1.50	10.5	"	85.00		893.00
	1959	20	.60	12.0	"	57.00		684.00
Pears	1960	27	3.70	100	"	80.00		8,000.00
	1959	25	3.25	81	"	75.00		6,075.00
Prunes	1960	40	1.52	61	"	326.00		19,886.00
	1959	41	2.09	86	"	314.00		27,004.00
Strawberries								
Fresh Mkt.	1960	53	6.86	364	"	406.00		147,784.00
	1959	51	4.57	235	"	380.00		89,300.00
Processing	1960			160	"	335.00		53,600.00
	1959			204	"	280.00		57,120.00
Walnuts	1960	105	.46	48	"	520.00		24,960.00
	1959	113	.38	43	"	500.00		21,500.00
Miscellaneous	1960	2.0						1,308.00
	1959	2.0						2,011.00
TOTAL	1960	350					\$	307,275.00
	1959	382					\$	268,715.00

FLORAL AND NURSERY CROPS OUTDOOR GROWN

Item	Year	Prod. Area Acres	Production	Unit	Per Unit	Value	
							Total
Acacia	1960	95	9,500	Tree	12.50	\$	118,750.00
	1959	95	9,500	"	12.00		114,000.00
Agapanthus	1960	6	18,000	Dz.	.75		13,500.00
	1959	5	14,000	"	.75		10,500.00
Asters	1960	12	2,520,000	Bloom	.032		80,640.00
	1959	17	3,400,000	"	.033		112,200.00
Calla Lily	1960	27	172,330	Dz.	.630		108,665.00
	1959	34	208,750	"	.706		147,500.00
Chrysanthemum Total	1960	81					661,880.00
	1959	88					869,544.00
Standard	1960	18.5	884,400	Bloom	.11		97,284.00
	1959	16.8	806,400	"	.13		104,832.00
Medium	1960	24.5	2,931,355	Bloom	.080		234,508.00
	1959	30.0	3,585,860	"	.086		308,231.00
Pompons	1960	38.0	827,201	Bunch	.40		330,088.00
	1959	41.4	895,450	"	.51		456,481.00
Cut Foliage	1960	88					171,450.00
	1959	68					99,700.00
Gladiolus	1960	15	78,000	Dz.	.65		50,700.00
	1959	17	88,400	"	.71		62,764.00
Heather	1960	162	777,600	Bunch	.40		311,040.00
	1959	194	931,200	"	.40		372,480.00
Iris	1960	28	91,000	Dz.	.45		40,950.00
	1959	20	65,000	"	.47		30,550.00
Marguerites	1960	57	997,500	Bunch	.20		199,500.00
	1959	49	857,500	"	.20		171,500.00
Narcissus	1960	40	2,800,000	Bloom	.015		42,400.00
	1959	38	2,660,000	"	.015		39,900.00

FLORAL AND NURSERY CROPS OUTDOOR GROWN (cont'd)

Item	Year	Prod. Area Acres	Production	Unit	Per Unit	Value	
							Total
Shasta Daisy	1960	53	7,420,000	Bloom	.025	\$	185,500.00
	1959	61	8,540,000	"	.021		179,340.00
Stock	1960	95	427,500	Dz.	.475		203,062.00
	1959	139	625,000	"	.465		290,858.00
Strawflowers	1960	92	25,760	Box	12.52		322,500.00
	1959	103	34,505	"	9.60		331,249.00
Violets	1960	16	96,000	Dz.	1.25		120,000.00
	1959	16	96,000	"	1.25		120,000.00
Misc. Flowers	1960	45					85,500.00
	1959	51					91,800.00
Bulbs	1960		970,000	Bulbs			79,125.00
	1959		962,000	"			88,700.00
Herbaceous Perennials	1960	9	1,230,000	Plants	.088		108,600.00
	1959	9	1,395,000	"	.075		104,400.00
TOTAL	1960	921				\$	2,903,762.00
	1959	1,004				\$	3,236,985.00

FLORAL AND NURSERY CROPS GLASSHOUSE GROWN

Item	Year	Prod. Area Sq. Ft.	Production	Unit	Value	
					Per Unit	Total
<u>Cut Flowers</u>						
Carnations	1960	1,680,169	35,421,650	Bloom	.050	\$ 1,771,082.00
	1959	1,605,139	33,486,989	"	.053	1,774,810.00
Chrysanthemums Total	1960	485,200	4,299,300	Bloom	.103	444,457.00
	1959	576,800	3,946,550	"	.141	559,583.00
Standard	1960	166,420	1,438,000	Bloom	.13	186,940.00
	1959	289,300	2,509,250	"	.16	401,480.00
Medium	1960	318,780	2,861,300	Bloom	.09	257,517.00
	1959	287,460	1,437,300	"	.11	158,103.00
Fern	1960	328,792	2,301,544	Bunch	.12	276,185.00
	1959	358,032	2,327,208	"	.10	232,721.00
Gardenias	1960	135,800	2,085,880	Bloom	.0866	180,637.00
	1959	135,800	2,145,640	"	.0825	177,015.00
Iris	1960	9,250	13,875	Dz.	.625	8,672.00
	1959	22,750	31,850	"	.650	20,703.00
Orchids	1960	217,275	586,642	Bloom	.70	410,649.00
	1959	220,825	607,269	"	.65	394,725.00
Roses	1960	336,775	6,314,531	Bloom	.063	397,815.00
	1959	336,775	6,264,015	"	.063	394,633.00
Snapdragon	1960	22,725	17,044	Bunch	1.10	18,748.00
	1959	91,945	68,958	"	1.20	82,750.00
Sweet Peas	1960	13,050	78,300	Dz.	.18	14,094.00
	1959	20,830	124,980	"	.16	19,997.00
Miscellaneous Cut Flowers	1960	66,300		Sq. Ft.	.98	64,970.00
	1959	59,385		"	.96	56,990.00

FLORAL AND NURSERY CROPS GLASSHOUSE GROWN (cont'd)

Item	Year	Prod. Area Sq. Ft.	Production	Unit	Per Unit	Value	
							Total
Flowering Pot Plants	1960	869,240	1,899,083	Plants	.823	\$	1,562,713.00
	1959	875,790	1,696,910	"	.844		1,432,121.00
Propagated							
Bedding Plants	1960	45,777	22,475	Flats	2.23		50,200.00
	1959	47,300	27,550	"	2.02		55,585.00
Ornamental Nrsy. Stock	1960	434,423	13,245,750	Plants	.062		818,900.00
	1959	376,252	11,215,750	"	.056		625,040.00
TOTAL	1960	4,644,776				\$	6,019,122.00
	1959	4,727,603				\$	5,826,673.00
Total Glass and plastic area 4,566,254 sq. ft. 157 glass or plastic ranges 235 growers							
TOTAL VALUE, ALL FLORAL AND NURSERY CROPS					1960		\$ 8,922,884.00
					1959		\$ 9,063,658.00

LIVESTOCK AND POULTRY

Item	Year	Production		Unit	Per Unit	Value	
		No. of Head	Total Liveweight			Total	
Cattle and Calves	1960	2,883	20,574	Cwt.	20.70	\$	425,470.00
	1959	3,466	26,316	"	23.56		619,934.00
Milkers sold	1960	963		Head	215.00		207,045.00
	1959	1,094		"	245.00		268,030.00
Sheep and Lambs	1960	1,645	1,769	Cwt.	17.07		30,207.00
	1959	1,331	1,361	"	17.89		24,349.00
Hogs and Pigs	1960	22,546	50,168	Cwt.	17.26		866,225.00
	1959	23,584	52,291	"	16.97		887,300.00
Broilers and Fryers	1960	800	1,800	Lb.	.201		362.00
	1959	1,015	2,030	"	.196		398.00
Other Chickens	1960	3,750	15,000	Lb.	.092		1,387.00
	1959	4,960	19,840	"	.085		1,686.00
Ducks	1960	-	-				-
	1959	92,790	516,756	Lb.	.34		175,697.00
Pigeons	1960	3,900	3,900	Lb.	.85		3,315.00
	1959	3,600	3,600	"	.85		3,060.00
Rabbits	1960	4,352	21,700	Lb.	.264		5,745.00
	1959	4,544	22,720	"	.260		5,907.00
TOTAL	1960					\$	1,715,453.00
	1959					\$	1,986,361.00

LIVESTOCK, POULTRY AND APIARY PRODUCTS

Item	Year	Production	Unit	Value	
				Per Unit	Total
Milk, Market	1960	153,363	Cwt.	4.52	\$ 693,200.00
	1959	143,121	"	4.85	694,137.00
Milk, Manufacturing	1960	19,691	Cwt.	2.78	54,741.00
	1959	16,702	"	3.08	51,442.00
Wool	1960	14,542	Lb.	.40	5,816.00
	1959	15,008	"	.35	5,253.00
Eggs Chicken	1960	71,284	Dz.	.318	22,668.00
	1959	111,184	"	.310	34,467.00
Duck	1960	---			---
	1959	15,000	Dz.	.50	7,500.00
Honey	1960	29,210	Lb.	.085	2,482.00
	1959	47,500	"	.08	3,800.00
Beeswax	1960	4,885	Lb.	.40	1,954.00
	1959	2,375	"	.40	950.00
TOTAL	1960				\$ 780,861.00
	1959				\$ 797,549.00

JAN. 1 INVENTORIES OF LIVESTOCK AND POULTRY 1960--1961

Item	Jan. 1, 1960	Jan. 1, 1961
Cattle and Calves		
All	8,836	9,248
Milk cow 2 yrs. & over	1,650	1,719
Sheep and Lambs		
All	1,887	1,513
Stock Sheep	650	500
Hogs and Pigs	12,739	12,178
Horses	65	70
Hens and Pullets	12,519	7,100

RECAPITULATION
PRODUCTION VALUES

	1959	1960
Vegetable Crops	\$ 4,951,026.00	\$ 5,125,462.00
Flower & Nursery Crops	9,063,658.00	8,922,884.00
Field Crops	734,203.00	690,382.00
Seed Crops	16,306.00	29,006.00
Fruit & Nut Crops	268,715.00	307,275.00
Livestock & Poultry	1,986,361.00	1,715,453.00
Livestock, Poultry & Apiary Products	797,549.00	780,861.00
TOTAL	\$17,817,818.00	\$17,571,323.00
Crop Value of retail ornamental nursery sales		\$ 1,360,000.00



1961

Ref V.F.

AGRICULTURAL REPORT

1961



OUR 1961 STATE FAIR EXHIBIT

California, Counties

SAN MATEO COUNTY
DEPARTMENT OF AGRICULTURE

UNIVERSITY OF CALIFORNIA DAVIS
MAY 14 1962
LIBRARY

Honorable Board of Supervisors
County of San Mateo

and

Charles Paul, Director
State Department of Agriculture

Gentlemen:

In accordance with the provisions of Section 65.5 of the Agricultural Code of California, we submit the annual report of the acreage, production and value of the agricultural products of San Mateo County for the year 1961 with comparative figures for 1960.

The 1961 total indicates a decreased value of \$1,094,962. The severe drought of the last three years accounts for lower production of livestock, Brussels sprouts, artichokes, peas, and others, while unfavorable marketing conditions caused a substantial decrease in the value of roses, orchids, strawflowers, heather and ferns. Pressure of urbanization forced a few growers out of the area, accounting for lower acreage of field grown flowers and vegetables.

Among crops showing an increase in value were chrysanthemums, carnations, potted plants, mushrooms, hay and violets. Now that an adequate water supply for the 1962 season is assured, greater agricultural production in the Coastside area is expected.

This report represents agricultural statistics of the County and the gross income to the growers. It does not take into consideration the cost of production, harvesting and packing.

Sincere thanks are extended to all individuals and organizations who cooperated with our personnel in gathering the information contained in this report.

Respectfully submitted,



Victor A. Canavese, Commissioner
Department of Agriculture
County of San Mateo

SAN MATEO COUNTY

Board of Supervisors
T. Louis Chess--Chairman

Alvin S. Hatch
E. R. McDonald

James V. Fitzgerald
William M. Werder

E. R. Stallings
County Manager

DEPARTMENT OF AGRICULTURE

Victor A. Canavese
Agricultural Commissioner

Ian J. Campbell
Chief Deputy

Clarence M. Sill
Deputy

Senior Inspectors

Mervin J. Cresta
William E. Davis
Emile L. Labadie, Jr.
Ronald A. Mickelsen

Inspectors

D. R. Dilley
George Ginilo
George M. Gregory
Melvin A. Mello
Wallace L. Plummer
Floyd E. Sampson
Curtis Van Sandt
Vacant--one position

Alfred M. Marion
Part time Apiary Inspector

Arnold Roach
Field Operator

Charles Brittenham
Predatory Animal Hunter

Mary C. Barberis
Steno Clerk II

Judith A. Bello
Steno Clerk I

FUNCTIONS AND ACTIVITIES
SAN MATEO COUNTY DEPARTMENT OF AGRICULTURE
Year---1961

The primary function of the County Department of Agriculture is to enforce certain provisions of the Agricultural, Administrative, and other State Government Codes enacted to protect and promote agricultural industry for the benefit and protection of both the producer and the consumer.

The Agricultural Commissioner and his staff are directly responsible to the Board of Supervisors who may also assign other regulatory duties.

The 1961 State Legislature has enacted several new laws which will increase the work load and the responsibilities of the Department. Included in these changes are the addition of mandarin oranges to the list of regulated commodities and the maturity testing of table grapes at the retail level.

A change in the law regarding agricultural chemicals and agricultural pest control business now requires the issuance of permits for the purchase and/or use of Sodium Arsenite. This material has been responsible for the death of many children and for damage to many plants.

The following is a summary giving objectives and statistical information about the various activities of the Department:

CIVILIAN DEFENSE

This Department has been delegated as a representative of the Food Administration Division of the California Disaster Office. It is our assigned duty to keep an inventory of the wholesale foods in the County for use in the event of an extreme emergency.

PLANT QUARANTINE

The purpose of Plant Quarantine is to prevent the introduction into, or the spread within the State, of pests which are harmful to agriculture. Inspections are made of plant material at post offices, express offices, railroad and truck depots, air terminals, nurseries, and other points of entry.

Calls	11,441
Inspection Locations	194
Shipments Inspected	10,568
Shipments in Violation	81
Plants Inspected	5,892,248
Plants in Violation	26,924

CERTIFICATION

In compliance with requirements of other counties, states, and foreign countries, the following certificates were issued.

Intrastate	45,640
Interstate	49,576
Foreign	197

STANDARDIZATION

A major function of the office is the protection, both at the wholesale and retail level, of buyers of vegetables, fruits, nuts, eggs, poultry meat, and honey.

The following inspections were made in fields, packing houses, wholesale, and retail markets.

Calls	4,426
Produce (Packages)	2,928,810
Eggs (Dozens)	1,981,321
Poultry (Carcasses)	412,034
Honey (Containers)	175,413

Commodities in Violation	
Produce (Packages)	8,860
Eggs (Dozens)	69,788
Poultry (Carcasses)	123
Honey (Containers)	18

NURSERY INSPECTION

There are 271 plant sales locations in San Mateo County licensed to sell nursery stock and doing an annual business in excess of \$2,500,000. These locations are inspected once or twice annually. The inspections reveal the presence of insect, disease, or weed pests. Plants must be reasonably free from any common pests and must be completely free from any new or serious pests. Plants also must be correctly labeled.

Calls	2,128
Nurseries Inspected	649
Notices of Non Compliance	142
Intercounty Nursery Stock Certificates Issued	45,600
Nurseries qualified to use Intercounty Nursery Stock Certificates	77

FIELD, HOME, AND ORCHARD

Advice is given to farmers, orchardists, nurserymen, growers, and home owners about many problems, including plant culture, insect pests and plant diseases.

Calls	1,356
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SURVEY AND PEST DETECTION

Survey and trapping programs are conducted throughout the County to detect the presence of serious agricultural pests.

Calls	2,863
Traps Used	254

PEST CONTROL

This Department enforces county and state rules and regulations governing the conduct of agricultural pest control operators. All licensed pest control operators doing work in the County must register with the Department each year. Permits are issued by this office for the purchase and/or use of certain pest control materials which are hazardous to the health and safety of humans, plants, and animals.

Permits Issued	337
Pest Control Operators Registered	73

SEED INSPECTION

Agricultural and vegetable seed is inspected for compliance with the California Seed Law which requires that the seed be properly labeled and

that it meet all the specifications as set forth on the label.

Calls	285
Dealers	253
Lots Inspected	4,380
Lots in Violation	155
Official Samples Taken	7

RODENT AND PEST ANIMAL CONTROL

The Department conducts a countywide eradication program against ground squirrels. These animals are serious agricultural pests and are also carriers of Bubonic Plague, Tularemia, and other diseases of man. Pest materials used in their control are furnished free to the property owners.

Poison baits for controlling field mice, rats, and gophers are sold at cost to the growers. Advice is given as to methods of control.

Calls	1,134
Acres Inspected	14,014
Acres Treated	340

WEED CONTROL

Surveys are made in the agricultural areas for the detection of primary or secondary noxious weeds. These are weeds which, by their habit of growth, are extremely difficult to control or to eradicate.

The Department also takes measures to control or eradicate other serious weed pests which are found in the Coastside agricultural areas. A service agreement is entered into with the State Division of Highways, and the County is reimbursed for any control work done on certain designated highways.

Calls	486
Acres Inspected	4,285
Acres Treated	892

STATISTICS

In compliance with the State Agricultural Code, this office compiles and publishes an annual report which shows the acreage and value of all crops grown in the County. More than 700 growers are contacted to obtain this information. Copies of this report are furnished to other government agencies, educational institutions, industries allied to agriculture, and to any other interested parties.

Calls	1,069
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LABORATORY

Well water is checked on request to determine if the salinity is high enough to cause plant injury.

Tests Made 41

Plant root samples are processed in the laboratory and forwarded to the State Department of Agriculture. There, the Bureau of Plant Pathology determines whether there are any plant parasitic nematodes present.

Tests Made 261
Plant Parasitic Nematodes Found 74
Rejections 2

FAIRS

This Department is responsible for the designing and installation of the County Exhibit at the State Fair in Sacramento, California. Flowers and ornamental plants supplied by more than one hundred growers are selected, sorted, and arranged to compete with other counties in the State. San Mateo County has consistently captured first prize in the feature exhibit and sweepstakes in the cut flower division competing against other California counties. A total of \$1,860 was won and turned into the County Treasury.

This office assists, also, at the San Mateo County Fiesta by helping in the staging and judging of the Agricultural Section of the Fair.

Calls 566

APIARY

Each spring, the part-time Apiary Inspector inspects all bee colonies to detect the presence of serious diseases. Colonies found infected with American Foulbrood are required to be destroyed. All owners of bees must register each year with the Agricultural Commissioner.

	<u>Apiaries</u>	<u>Colonies</u>
Inspections	78	777
Diseased	6	6
Destroyed	5	5

PREDATORY ANIMAL CONTROL

Through an agreement among the U. S. Department of Interior, the State

Department of Agriculture, and the County, the predatory animal hunter is assigned for the protection, primarily, of the livestock industry.

Calls	940
Bobcats taken	87
Coyotes taken	56
Others (Badgers, Raccoons, Skunks, etc.)	247

OTHER ACTIVITIES

1. Received 9,973 public service calls covering plant, pest control, and other agricultural and home garden problems.
2. Attended 260 meetings of the State Department of Agriculture, scientific groups, and other agricultural organizations.
3. Sprayed all elm trees along County roads for the control of Elm Leaf Beetle.
4. Postentry quarantine inspections were made of growing grounds in preparation for foreign plant shipments.
5. Plant material, insect, disease, and weed pests were identified.
6. Articles were prepared for newspaper publication.
7. In cooperation with the U. S. Department of Commerce, two weather stations were maintained and operated.
8. Supervised weed abatement and prepared the proportioned cost on unimproved properties in two residential districts.
9. Cooperated with the Smog Control Board as related to problems of smog damage to agricultural crops, and issuance of necessary permits for burning agricultural waste.
10. Educational talks were given to various garden and farm groups, as well as to service clubs.
11. Prepared monthly and annual reports covering work of the office and copies sent to the State Director of Agriculture and the County Board of Supervisors.
12. Weekly reports prepared for the California Crop and Livestock Reporting Service covering the harvesting and handling of crops and livestock and the effect weather may have on them.
13. Aided the State Department of Agriculture in maintaining the seed potato disease test plot.

14. Assisted the State Division of Industrial Safety in cases involving agricultural workers injured by careless use of pesticides.
15. Worked with the State Department of Agriculture in problems involving injurious spray residue on crops.
16. Cooperated with the Agricultural Extension Service in the dissemination of publications and other information supplied by the University of California, the United States Department of Agriculture, and other agencies.
17. Assisted the State Department of Agriculture in recovering money due growers on agricultural crops.
18. Marketing orders, set up by State law, provide means to control the handling of agricultural commodities resulting in superior quality for the consumer and better return to the producers. Assistance was given the Artichoke, Brussels Sprouts, and Lettuce Advisory Boards on their work.
19. At the request of the United States House of Representatives Consumers' Protection Activities Committee, we completed seven sets of questionnaires covering each category of food over which we enforce regulatory provisions.

ANNUAL CROP REPORT

VEGETABLE CROPS

Crop	Year	Harvested Acreage	Production		Unit	Per Unit	Value	
			Per Acre	Total				Total
Anise	1961	3	14	42	Ton	\$103	\$	4,330
	1960	5	14	70	"	119		8,330
Artichoke Total	1961	1,000	2.65	2,658	"	145		385,800
	1960	1,200	2.76	3,312	"	163		540,200
Fresh Mkt.	1961	1,000	2.50	2,500	"	148		370,000
	1960	1,200	2.49	2,990	"	170		508,000
Processing	1961			158	"	100		15,800
	1960			322	"	100		32,200
Beans, Green	1961	26	1.58	41	"	240		9,840
	1960	29	4.20	122	"	220		26,800
Beets, Table	1961	19	8.47	161	"	145		23,300
	1960	20	8.30	167	"	144		24,000
Broccoli, Sprouting	1961	98	2	196	"	100		19,600
	1960	59	2	118	"	150		17,700
Brussels Sprouts Total	1961	1,626	6.2	10,100	"	198		1,997,000
	1960	1,830	6.4	11,770	"	193		2,272,000
Fresh Mkt.	1961			700	"	167		117,000
	1960			1,170	"	130		152,000
Freezer	1961			9,400	"	200		1,880,000
	1960			10,600	"	200		2,120,000
Cabbage	1961	92	14	1,288	"	53		68,300
	1960	183	12	2,200	"	45		99,000
Calabresi	1961	7	3.42	24	"	400		9,600
	1960	8	3.50	28	"	410		11,500
Carrots	1961	9	8.30	75	"	107		8,030
	1960	18	8.27	149	"	110		16,400

VEGETABLE CROPS

(CONT'D.)

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Cauliflower	1961	3	13.3	40	Ton	\$ 54	\$ 2,160
	1960	3	13.3	40	"	56	2,240
Celery	1961	11	44.9	494	"	43	21,200
	1960	12	43.8	526	"	51.30	27,000
Celery Root	1961	7	4.28	30	"	153	4,590
	1960	14	4.28	60	"	125	7,500
Chard	1961	42	13.1	551	"	75	41,300
	1960	44	13.1	576	"	80	46,100
Corn	1961	6	4.5	27	"	98	2,650
	1960	5	4.4	22	"	99.80	2,200
Dandelion Root	1961	5	6	30	"	160	4,800
	1960	7	6	42	"	155	6,500
Garlic	1961	3	3	9	"	340	3,060
	1960	5	3	15	"	360	5,400
Greenleaf* Vegetables	1961	25	6.36	159	"	82	13,000
	1960	38	6.00	228	"	87.40	19,900
Leeks	1961	11	17.6	194	"	99	19,200
	1960	17	17.4	296	"	100	29,600
Lettuce (All Var.)	1961	288	10.12	2,915	"	82	239,000
	1960	324	9.95	3,224	"	82.80	267,000
Mushrooms	1961			1,581	"	740	1,170,000
	1960			1,500	"	720	1,080,000
Onions, Green	1961	2	10	20	"	170	3,400
	1960	3	10	30	"	178	5,340
Parsley	1961	16	10	160	"	200	32,000
	1960	23	10	230	"	180	41,400
Parsnips	1961						--
	1960	2	6.5	13	"	129	1,680

* Includes Collards, Kale, Mustard Greens, Rapini, and Turnip Greens

VEGETABLE CROPS

(CONT'D.)

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Peas, Market	1961	330	2.20	726	Ton	\$ 210	\$ 152,000
	1960	545	2.55	1,390	"	185	257,000
Potatoes	1961	82	10.5	861	"	65	56,000
	1960	88	11.0	968	"	95	92,000
Radish	1961	76	12.5	950	"	84	79,800
	1960	76	12.5	950	"	90	85,500
Salsify	1961	2	5.5	11	"	210	2,310
	1960	1	5.6	5.6	"	200	1,120
Seasoning Plants	1961						--
	1960	2	2.5	5	"	4,000	20,000
Spinach	1961	38	2.36	90	"	177	15,900
	1960	34	2.44	83	"	176	14,600
Spinach, New Zealand	1961	26	12.5	325	"	205	66,600
	1960	25	12.4	310	"	210	65,100
Squash Winter	1961	8	10	80	"	66	5,280
	1960	8	10	80	"	62.50	5,000
Summer	1961	6	11.1	67	"	141	9,450
	1960	7	11.2	79	"	143	11,300
Turnips	1961	1	6.0	6	"	142	850
	1960	2	5.5	11	"	144	1,580
Msc. Veg. Field Grown	1961	12					10,900
	1960	16					21,500
Glasshouse Grown	1961	5,400 sq. ft.					3,400
	1960	2,400 sq. ft.					1,800
TOTAL	1961	3,880					\$4,484,650
	1960	4,653					\$5,134,290

FIELD CROPS

Crop	Year	Harvested Acreage	Production		Unit	Per Unit	Value	
			Per Acre	Total			Total	Total
Beans Dry Edible	1961	90	.82	73.8	Ton	\$145	\$	10,700
	1960	112	.85	96.0	"	150		14,400
Fava	1961	40	.91	36.5	"	120		4,380
	1960	97	.90	87	"	130		11,300
Barley	1961	2,580	.99	2,550	"	40.80		104,000
	1960	2,440	.76	1,850	"	41		75,800
Flaxseed	1961	1,500	9.70	14,500	Bu.	3.52		51,000
	1960	2,670	8.75	23,400	"	3.20		74,900
Hay Grain	1961	6,040	1.60	9,660	Ton	23		220,000
	1960	5,470	1.39	7,600	"	24		182,000
Other Tame	1961	317	1.1	350	Ton	21		7,350
	1960	188	1.1	207	"	22		4,550
Oats	1961	5,550	.70	3,872	"	40.80		158,000
	1960	6,350	.58	3,680	"	42		155,000
Pasture Irrigated	1961	760			Acre	35		26,600
	1960	1,210			"	38		46,000
Other	1961	35,000			Acre	3.85		135,000
	1960	34,700			"	3.70		128,000
Wheat	1961							--
	1960	2	.35	.7	Ton	60		42
TOTAL	1961	51,877					\$	717,030
	1960	53,239					\$	691,992

SEED CROPS

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Brussels Sprouts	1961			400	Lb.	\$ 10	\$ 4,000
	1960			450	"	10	4,500
Flax	1961						--
	1960	260	8.75	2,280	Bu.	3.25	7,400
Vetch	1961	628	.26	166	Ton	124	20,600
	1960	350	.25	88	"	195	17,200
Msc. Seeds	1961	33		4,400	Lb.		1,800
	1960						--
TOTAL	1961	661					\$ 26,400
	1960	610					\$ 29,100

FRUIT AND NUT CROPS

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Apples	1961	83	2.96	246	Ton		\$ 33,400
Total	1960	92	2.22	204	"	\$155	31,540
Fresh	1961			212	"	153	32,400
	1960			198	"	158	31,300
Processing	1961			34	"	30	1,020
	1960			6	"	40	240
Apricots	1961	5	.40	2	"	770	1,540
	1960	14	.23	3	"	725	2,180
Bushberries	1961						--
	1960	10	2.25	22	"	755	16,600
Grapes	1961	4	1.5	6	"	95	570
	1960	7	1.5	10	"	85	850
Pears	1961	13	5.38	70	"	90	6,300
	1960	27	3.70	100	"	80	8,000
Prunes	1961	36	1.11	40	"	320	12,800
	1960	40	1.52	61	"	326	19,900
Strawberries	1961	52	7.78	405	"	343	139,100
Total	1960	53	9.89	524	"	385	201,600
Fresh	1961			332	"	370	123,000
	1960			364	"	406	148,000
Processing	1961			73	"	220	16,100
	1960			160	"	335	53,600
Walnuts	1961	88	.25	22	"	600	13,200
	1960	105	.46	48	"	520	25,000
Msc. Fruits	1961	2					1,400
	1960	2					1,310
TOTAL	1961	283					\$ 208,310
	1960	350					\$ 306,980

FLORAL AND NURSERY CROPS OUTDOOR GROWN

Item	Year	Prod. Area Acres	Production	Unit	Per Unit	Value	
							Total
Acacia	1961	93	9,300	Tree	13.00	\$	120,900
	1960	95	9,500	"	12.50		118,700
Agapanthus	1961	6	17,100	Dz.	.75		12,800
	1960	6	18,000	"	.75		13,500
Asters	1961	9	1,935,000	Bloom	.035		67,700
	1960	12	2,520,000	"	.032		80,600
Calla Lily	1961	31	191,270	Dz.	.617		118,000
	1960	27	172,300	"	.630		108,700
Chrysanthemum Total	1961	75					704,800
	1960	81					661,800
Standard	1961	19	856,800	Bloom	.125		107,100
	1960	18.5	884,400	"	.11		97,300
Medium	1961	21	2,534,000	Bloom	.085		215,400
	1960	24.5	2,931,000	"	.080		234,500
Pompons	1961	35	749,500	Bunch	.51		382,300
	1960	38	827,200	"	.40		330,000
Cut Foliage	1961	84					183,000
	1960	88					171,400
Gladiolus	1961	16	84,800	Dz.	.70		59,400
	1960	15	78,000	"	.65		50,700
Heather	1961	158	726,800	Bunch	.375		272,500
	1960	162	777,600	"	.40		311,000
Iris	1961	31	102,300	Dz.	.375		38,400
	1960	28	91,000	"	.45		41,000
Marguerites	1961	43	752,500	Bunch	.25		188,100
	1960	57	997,500	"	.20		199,500
Narcissus	1961	37	2,275,000	Bloom	.018		49,900
	1960	40	2,800,000	"	.015		42,400

FLORAL AND NURSERY CROPS OUTDOOR GROWN

(CONT'D.)

Item	Year	Prod. Area Acres	Production	Unit	Value	
					Per Unit	Total
Shasta Daisy	1961	59	8,260,000	Bloom	.025	\$ 206,500
	1960	53	7,420,000	"	.025	185,500
Stock	1961	97	436,500	Dz.	.45	196,400
	1960	95	427,500	"	.475	203,000
Strawflowers	1961	92	21,000	Box	13.00	273,000
	1960	92	25,800	"	12.50	322,500
Violets	1961	20	120,000	Dz.	1.25	150,000
	1960	16	96,000	"	1.25	120,000
Bulbs	1961		1,150,000	Bulbs		85,800
	1960		970,000	"		79,100
Msc. Flowers	1961	34				62,900
	1960	45				85,500
Herbaceous Perennials	1961	9	1,252,000	Plants	.093	116,900
	1960	9	1,230,000	"	.088	108,600
TOTAL	1961	894				\$2,907,000
	1960	921				\$2,903,500

FLORAL AND NURSERY CROPS GLASSHOUSE GROWN

Item	Year	Prod. Area Sq. Ft.	Production	Unit	Per Unit	Value
						Total
<u>Cut Flowers</u>						
Carnations	1961	1,810,000	37,660,000	Bloom	.05	\$1,883,000
	1960	1,680,000	35,422,000	"	.05	1,771,000
Chrysanthemum Total	1961	457,200	4,288,200	Bloom	.112	482,500
	1960	485,200	4,299,300	"	.103	444,400
Standard	1961	130,300	1,248,200	Bloom	.145	193,700
	1960	166,400	1,438,000	"	.130	186,900
Medium	1961	326,900	3,040,000	Bloom	.095	288,800
	1960	318,700	2,861,300	"	.090	257,500
Fern	1961	304,800	2,134,000	Bunch	.12	256,000
	1960	328,700	2,301,500	"	.12	276,100
Gardenias	1961	135,800	2,173,000	Bloom	.089	193,400
	1960	135,800	2,085,800	"	.087	180,600
Iris	1961					--
	1960	9,250	13,900	Dz.	.625	8,690
Orchids	1961	214,500	514,900	Bloom	.75	386,100
	1960	217,300	586,600	"	.70	410,600
Roses	1961	257,100	4,718,000	Bloom	.065	306,700
	1960	336,800	6,314,500	"	.063	397,800
Snapdragon	1961	20,100	15,100	Bunch	1.00	15,100
	1960	22,700	17,000	"	1.10	18,700
Sweet Peas	1961	11,700	70,500	Dz.	.184	13,000
	1960	13,000	78,300	"	.180	14,100
Miscellaneous Cut Flowers	1961	54,500		Sq. Ft.	1.05	57,200
	1960	66,300		Sq. Ft.	.98	65,000

FLORAL AND NURSERY CROPS GLASSHOUSE GROWN

(CONT'D.)

Item	Year	Prod. Area Sq. Ft.	Production	Unit	Per Unit	Value
						Total
Flowering Pot Plants	1961	793,900	1,785,300	Plants	.900	\$1,603,000
	1960	869,200	1,889,100	"	.823	1,562,700
<u>Propagated</u>						
Bedding Plants	1961	23,600	11,500	Flats	2.97	34,200
	1960	45,800	22,500	"	2.23	50,200
Ornamental Nursery Stock	1961	395,700	12,363,000	Plants	.061	758,300
	1960	434,400	13,246,000	"	.062	821,200
TOTAL						
						1961
						1960
						\$5,988,500
						\$6,021,090
Total Glass and Plastic Area			4,625,800 Sq. Ft.			
152 Glass or Plastic Ranges			232 Growers			
TOTAL VALUE, ALL FLORAL AND NURSERY CROPS						
						1961
						1960
						\$8,895,500
						\$8,924,590

LIVESTOCK AND POULTRY

Item	Year	Production		Unit	Per Unit	Value	
		No. of Head	Total Liveweight			Total	Total
Cattle and Calves	1961	3,700	25,400	Cwt.	\$21.14	\$	537,000
	1960	2,880	20,600	"	20.70		426,000
Milkers sold	1961	858			212.00		182,000
	1960	963			215.00		207,000
Sheep and Lambs	1961	1,400	1,464	"	14.82		21,700
	1960	1,640	1,770	"	17.10		30,300
Hogs and Pigs	1961	12,200	26,800	"	18.51		496,000
	1960	22,500	50,200	"	17.30		868,000
Broilers and Fryers	1961	600	1,800	Lbs.	.198		356
	1960	800	1,800	"	.201		362
Other Chickens	1961	2,300	9,200	"	.067		616
	1960	3,750	15,000	"	.092		1,380
Pigeons	1961						--
	1960	3,900	3,900	"	.85		3,320
Rabbits	1961	2,400	12,000	"	.267		3,200
	1960	4,350	21,700	"	.264		5,730
TOTAL	1961						\$1,240,872
	1960						\$1,542,092

LIVESTOCK, POULTRY AND APIARY PRODUCTS

Item	Year	Production	Unit	Per Unit	Value	
						Total
Milk, Market	1961	124,000	Cwt.	\$4.50	\$	558,000
	1960	153,000	"	4.52		692,000
Milk, Manufacturing	1961	34,500	"	2.82		97,300
	1960	19,700	"	2.78		54,800
Wool	1961	14,000	Lb.	.39		5,460
	1960	14,500	"	.40		5,800
Eggs Chicken	1961	59,590	Dz.	.285		17,000
	1960	72,300	"	.318		23,000
Turkey	1961	160,000	Eggs	.25		40,000
	1960					--
Honey	1961	22,350	Lb.	.095		2,100
	1960	29,200	"	.085		2,480
Beeswax	1961	3,725	"	.40		1,490
	1960	4,880	"	.40		1,950
TOTAL	1961				\$	721,350
	1960				\$	780,030

JAN. 1 INVENTORY OF LIVESTOCK AND POULTRY 1961--1962

Item	Jan. 1, 1961	Jan. 1, 1962
Cattle and Calves		
All	9,248	9,068
Milk cows 2 yrs. and over	1,719	1,482
Sheep and Lambs		
All	1,513	1,704
Stock Sheep	500	560
Hogs and Pigs	12,178	8,250
Horses	70	60
Hens and pullets	7,100	6,000

RECAPITULATION
PRODUCTION VALUES

	1960	1961
Vegetable Crops	\$ 5,134,290	\$ 4,484,650
Flower & Nursery Crops	8,924,590	8,895,500
Field Crops	671,992	717,030
Seed Crops	29,100	26,400
Fruit & Nut Crops	306,980	208,310
Livestock & Poultry	1,542,092	1,240,872
Livestock, Poultry & Apiary Products	780,030	721,350
TOTAL	\$ 17,389,074	\$ 16,294,112
Crop Value of Retail Ornamental Nursery Sales	\$ 1,360,000	\$ 1,400,000

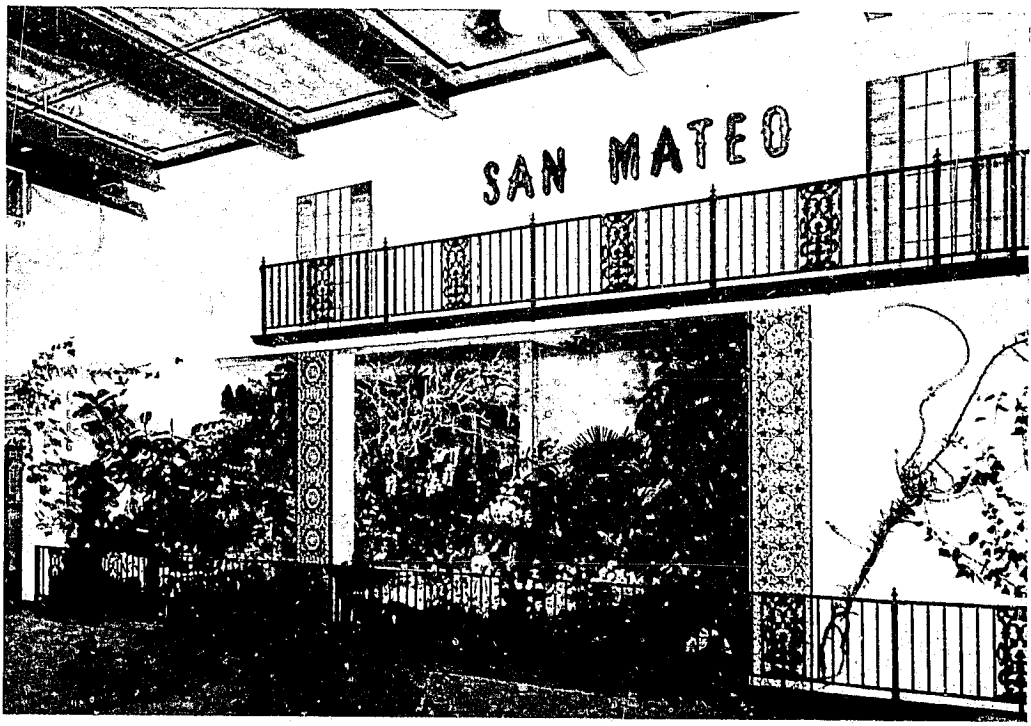


1962

Calif. Counties

AGRICULTURAL REPORT

1962



Our 1962 State Fair Exhibit

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SAN MATEO COUNTY
DEPARTMENT OF AGRICULTURE

Honorable Board of Supervisors
County of San Mateo

and

Charles Paul, Director
State Department of Agriculture

Gentlemen:

The annual Crop Report for the County of San Mateo is submitted, in accordance with Section 65.5 of the Agricultural Code.

This Report, covering the acreage, production and value of all agricultural products, including livestock, represents the gross income to the growers, and does not take into consideration the cost of producing, harvesting and packaging.

The 1962 report indicates a decrease of \$177,202 over the previous year. Several factors contributed to this decline.

The severe drought of the last three years caused the movement of several Brussels sprouts farmers to the Santa Cruz area where the water supply is adequate at all times. The continuous pressure of urbanization also forced a few more growers out of the County. Finally, the severe storm which hit our County in early October caused considerable damage to several flower and vegetable crops, lowering the income figure for these categories.

Lower production and value were registered in hay, lettuce, strawberries, field-grown chrysanthemums, gardenias and hogs, while an increase was shown in carnations, roses, peas, ornamental nursery stock and milk production.

With ample water supply assured for next season, and the projected building of reservoirs in the Pescadero area, we may expect an increase in farming acreage.

We wish to express our appreciation to all who cooperated with our Department by furnishing the information necessary to make this report possible.

Respectfully submitted,

Victor A. Canavese
Victor A. Canavese, Commissioner
Department of Agriculture
County of San Mateo

VAC:kat
500 - 2/63

SAN MATEO COUNTY

Board of Supervisors

Alvin S. Hatch - Chairman

T. Louis Chess
James V. Fitzgerald

E. R. McDonald
William M. Werder

E. R. Stallings
County Manager

DEPARTMENT OF AGRICULTURE

Agricultural Commissioner
Victor A. Canavese

Chief Deputy
Ian J. Campbell

Deputy Commissioners
Mervin J. Cresta
Emile L. Labadie, Jr.
Clarence M. Sill

Senior Inspectors
William E. Davis
Curtis C. Van Sandt
Vacant: One Position

Inspectors
Donald R. Dilley
Philip Economon
George Ginilo
George M. Gregory
Melvin A. Mello
Wallace L. Plummer
Robert E. Runels
Floyd E. Sampson

Part-time
Apiary Inspector
Alfred M. Marion

Weed and Rodent
Inspector
Arnold Roach

Predatory Animal
Hunters
Charles Brittingham
William Calvin

Steno Clerk II
Katherine A. Taylor

Steno Clerk I
Judith A. Bello

FUNCTIONS AND ACTIVITIES
SAN MATEO COUNTY DEPARTMENT OF AGRICULTURE
Year - 1962

The Agricultural Code of the State of California provides that every county shall have a Department of Agriculture. The main function of the County Department of Agriculture is to enforce certain provisions of the Agricultural, Administrative and other State Government Codes. These Codes have been enacted to promote and protect agricultural industry for the benefit and protection of both the producer and the consumer.

The Agricultural Commissioner and his staff are directly responsible to the Board of Supervisors. They may assign other regulatory duties in addition to those specified in the above mentioned statutes.

The San Mateo County Department of Agriculture is under the supervision of the Agricultural Commissioner. He directs the activities of a Chief Deputy, three Deputies, two Senior Inspectors, eight Agricultural Inspectors, one Weed and Rodent Inspector, one Part-time Apiary Inspector, two Predatory Animal Hunters and two secretaries.

The following is a summary giving objectives and statistical information concerning the various activities of the Department:

APIARY

Each Spring, the part-time Apiary Inspector inspects all bee colonies to detect the presence of serious diseases. Colonies found infected with American Foul brood are required to be destroyed. All owners of bees must register each year with the Agricultural Commissioner.

	<u>Apiaries</u>	<u>Colonies</u>
Inspections	83	772
Diseased	9	10
Destroyed	--	3

CERTIFICATION

In compliance with requirements of other counties, states and foreign countries, the following certificates were issued:

Intrastate	54,130
Interstate	42,836
Foreign	142

CIVILIAN DEFENSE

This Department is a County Representative of the Food Administration Division of the California Disaster Office. It is our function to keep a current inventory of the wholesale foods in the County, for use in event of a serious emergency.

FAIRS

This Department is responsible for the designing and installation of the County Exhibit at the State Fair in Sacramento, California. Flowers and ornamental plants supplied by more than one hundred growers are selected, sorted and arranged to compete with other counties in the State. San Mateo County has consistently captured first prize in the feature exhibit and sweepstakes in the cut flower division, competing against other California counties. A record amount of \$2,065.00 in prize awards was won and turned into the County Treasury.

This office assists, also, at the San Mateo County Fiesta by helping in the staging and judging of the Agricultural Section of the Fair.

Calls

606

FIELD, HOME AND ORCHARD

Advice is given to farmers, orchardists, nurserymen, growers and home owners about many problems, including plant culture, insect pests and plant diseases.

Calls	916
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LABORATORY

Well water is checked on request to determine if the salinity is high enough to cause plant injury.

Tests Made	36
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Plant root samples are processed in the laboratory and forwarded to the State Department of Agriculture. There, the Bureau of Plant Pathology determines whether there are any plant parasitic nematodes present.

Tests Made	225
Plant Parasitic Nematodes Found	61
Rejections	

NURSERY INSPECTION

The 196 plant sales locations in San Mateo County which are licensed to sell nursery stock do an annual business in excess of \$2,500,000. These locations are inspected once or twice annually. The inspections reveal the presence of insect, disease or weed pests. Plants must be reasonably free from any common pests and must be completely free from any new or serious pests. Plants must also be correctly labeled.

Calls	1,941
Nurseries Inspected	514
Notices of Noncompliance	104
Intercounty nursery stock certificates issued	54,034
Nurseries Qualified to use Intercounty Nursery Stock Certificates	73

PEST CONTROL

This Department enforces County and State rules and regulations governing the conduct of agricultural pest control operators. All licensed

PEST CONTROL (Continued)

pest control operators doing work in the County must register with the Department each year. Permits are issued by this office for the purchase and/or use of certain pest control materials which are hazardous to the health and safety of humans, plants and animals.

Permits Issued	397
Pest Control Operators Registered	81

PLANT QUARANTINE

By the enforcement of plant quarantines, we are able to prevent the introduction into, or the spread within the State, of pests which are harmful to agriculture. Inspections are made of plant material at Post Offices, Express Offices, Railroad and Truck Depots, Air Terminals, nurseries and other points of entry.

Calls	11,311
Inspection Locations	196
Shipments Inspected	10,586
Shipments in Violation	197
Plants Inspected	6,503,485
Plants in Violation	53,879

PREDATORY ANIMAL CONTROL

One predatory animal hunter has been operating in our County for the past year, under an agreement between the United States Department of the Interior, Bureau of Sport Fisheries and Wildlife and the California State Department of Agriculture, cooperating with San Mateo County. This work has been primarily for the protection of livestock. Due to the marked increase in small predators in the County, many of which, incidentally, are carriers of Rabies, the Federal Agency is furnishing one additional man to work the southwest corner of our County, for not less than four months of the year, during the next Calendar year.

Calls	991
Bobcats Taken	58
Coyotes Taken	45
Others Taken (Badgers, Raccoons, Skunks, Foxes, etc.)	510

RODENT AND PEST ANIMAL CONTROL

The Department conducts a countywide program directed toward eradicating ground squirrels. These animals are serious agricultural pests and are also carriers of Bubonic Plague, Tularemia and other diseases of

RODENT AND PEST ANIMAL CONTROL (Continued)

man. Pest materials used in their control are furnished free to property owners.

Poison baits for controlling field mice, rats and gophers are sold at cost to the growers. Advice is given as to methods of control.

Calls	885
Acres Inspected	15,809
Acres Treated	303

SEED INSPECTION

Agricultural and vegetable seed is inspected for compliance with the California Seed Law which requires that the seed be properly labeled and that it meet all the specifications as set forth on the label.

Calls	191
Dealers	257
Lots Inspected	2,102
Lots in Violation	80
Official Samples Taken	11

STANDARDIZATION

A major function of the office is to protect, both at the wholesale and retail levels, buyers of vegetables, fruits, nuts, eggs, poultry meat and honey.

The following inspections were made in field, packing houses, wholesale and retail markets:

Calls		5,730
Produce	(Packages)	3,284,505
Eggs	(Dozens)	2,010,112
Poultry	(Carcasses)	370,806
Honey	(Containers)	135,986
Commodities in Violation		
Produce	(Packages)	15,991
Eggs	(Dozens)	105,315
Poultry	(Carcasses)	1,372
Honey	(Containers)	5

The Golden Gate Produce Terminal opened on November 27, 1962...and has developed into a flourishing enterprise. The predicted annual business of 75 million dollars will probably be surpassed.

STANDARDIZATION (Continued)

In the first five weeks that the Market was open, over 820,000 containers of assorted fruits and vegetables were inspected. 8,778 of these were rejected as being in noncompliance with the Regulations of the Agricultural Code. Disposal Orders were issued on 3,583 containers.

STATISTICS

In compliance with the State Agricultural Code, this office compiles and publishes an annual report which shows the acreage and value of all crops grown in the County. More than 700 growers are contacted to obtain this information. Copies of this report are furnished to other Government Agencies, educational institutions, industries allied to agriculture, and to any other interested parties.

Calls	808
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SURVEY AND PEST DETECTION

Survey and trapping programs are conducted throughout the County to detect the presence of serious agricultural pests.

Calls	2,919
Traps Used	299

WEED CONTROL

Surveys are made in the agricultural areas for the detection of primary or secondary noxious weeds. These are weeds which, by their habit of growth, are extremely difficult to control or to eradicate.

The Department also takes measures to control or eradicate other serious weed pests which are found in the Coastside agricultural areas. A service agreement is entered into with the State Division of Highways, and the County is reimbursed for any control work done on certain designated highways.

Calls	446
Acres Inspected	5,316
Acres Treated	242

OTHER ACTIVITIES

1. Service calls from the public regarding plant, pest control and other home garden and agricultural problems totaled 10,692.
2. A total of 284 meetings were attended by members of the Agricultural Department. These meetings were called by the State Department of Agriculture, scientific groups and other agricultural organizations.
3. Identification was made of a mass of plant material, insect, disease and weed pests.
4. Two weather stations were maintained and operated in cooperation with the United States Department of Commerce.
5. Weed abatement on unimproved properties in two residential districts was supervised, and the proportioned cost figured for assessment.
6. Educational talks on agriculture were given before garden and farm groups and service clubs.
7. Monthly reports and annual reports were prepared and sent to the State Director of Agriculture, and a narrative and statistical monthly report was sent to the County Board of Supervisors.
8. Reports covering the harvesting and handling of crops and livestock and the effect weather may have on them, are prepared and mailed weekly to the California Crop and Livestock Reporting Service.
9. Growing grounds for foreign plant shipments were given postentry quarantine inspections.
10. All elm trees along County roads were sprayed in an effort to control Elm Leaf Beetle.
11. Publications and other information, supplied by the University of California, the United States Department of Agriculture and other agencies, were disseminated by this Department, in cooperation with the Agricultural Extension Service.
12. Work was done on problems involving injurious spray residue on crops, with the California State Department of Agriculture.
13. The handling of agricultural commodities is controlled by the use of Marketing Orders, set up by State Law, and these orders result in superior quality for the consumer and better return to the producers. This Department provided assistance to the Artichoke, Brussels Sprouts and Lettuce Advisory Boards in their work.

OTHER ACTIVITIES (Continued)

14. This Department was of assistance to the State Department of Agriculture in maintaining a seed potato disease test plot.
15. The Department cooperated with the Smog Control Board in the area of smog damage to agricultural crops and issuance of necessary permits for burning agricultural wastes.
16. The State Division of Industrial Safety was assisted by this Department in cases where agricultural workers were injured by the careless use of pesticides.
17. Publicity was prepared and released to newspapers.
18. At the request of the United States House of Representatives Consumer's Protection Activities Committee, we secured information covering each category of food over which we enforce regulatory provisions.
19. We cooperated with the State Department of Agriculture in recovering money due growers on agricultural crops.

ANNUAL CROP REPORT

VEGETABLE CROPS

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
Anise	1962	1	14	14	Ton	\$ 91	\$ 1,300
	1961	3	14	42	"	103	4,330
Artichoke Total	1962	777	2.87	2,230	"	174	387,200
	1961	1,000	2.65	2,658	"	145	385,800
Fresh Mkt.	1962	777	2.78	2,160	"	176	380,200
	1961	1,000	2.50	2,500	"	148	370,000
Processing	1962			70	"	100	7,000
	1961			158	"	100	15,800
Beans, Green	1962	22	2.77	61	"	224	13,700
	1961	26	1.58	41	"	240	9,840
Beets, Table	1962	16	8.62	138	"	158	21,800
	1961	19	8.47	161	"	145	23,300
Broccoli, Sprouting	1962	19	1.75	33	"	105	3,500
	1961	98	2	196	"	100	19,600
Brussels Sprouts Total	1962	1,665	5.6	9,325	"	197.50	1,842,000
	1961	1,626	6.2	10,100	"	198	1,997,000
Fresh Mkt.	1962			465	"	150	70,000
	1961			700	"	167	117,000
Freezer	1962			8,860	"	200	1,772,000
	1961			9,400	"	200	1,880,000
Cabbage	1962	86	12	1,032	"	49.50	51,000
	1961	92	14	1,288	"	53	68,300
Calabresi	1962	7	3.42	24	"	375	9,000
	1961	7	3.42	24	"	400	9,600
Carrots	1962	7	8.28	58	"	100	5,800
	1961	9	8.30	75	"	107	8,030

(Continued)

VEGETABLE CROPS

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
Cauliflower	1962	2	13.0	26	Ton	\$ 57.60	\$ 1,500
	1961	3	13.3	40	"	54	2,160
Celery	1962	13	35.0	455	"	30	13,700
	1961	11	44.9	494	"	43	21,200
Celery Root	1962	7	4.28	30	"	134	4,000
	1961	7	4.28	30	"	153	4,590
Chard	1962	33	13.3	439	"	83	36,400
	1961	42	13.1	551	"	75	41,300
Corn	1962	6	4.66	28	"	85.70	2,350
	1961	6	4.50	27	"	98	2,650
Dandelion Root	1962	6	6.33	38	"	157	6,000
	1961	5	6	30	"	160	4,800
Garlic	1962	2	3	6	"	420	2,500
	1961	3	3	9	"	340	3,060
Greenleaf* Vegetables	1962	18	5.88	106	"	86	9,200
	1961	25	6.36	159	"	82	13,000
Leeks	1962	11	16.8	185	"	104	19,200
	1961	11	17.6	194	"	99	19,200
Lettuce (All Var.)	1962	257	10.11	2,600	"	74.60	194,000
	1961	288	10.12	2,915	"	82	239,000
Onions, Green	1962	2	10	20	"	162	3,200
	1961	2	10	20	"	170	3,400
Parsley	1962	13	10	130	"	200	26,000
	1961	16	10	160	"	200	32,000
Peas, Market	1962	550	2.11	1,163	"	184	214,000
	1961	330	2.20	726	"	210	152,000
Potatoes	1962	110	10.0	1,100	"	47	51,
	1961	82	10.5	861	"	65	56,000

* Includes Collards, Kale, Mustard Greens, Rapini and Turnip Greens

(Continued)

VEGETABLE CROPS

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
Radish	1962	61	13.1	802	Ton	\$ 86	\$ 69,000
	1961	76	12.5	950	"	84	79,800
Salsify	1962						--
	1961	2	5.5	11	"	210	2,310
Spinach	1962	27	2.44	66	"	144	9,500
	1961	38	2.36	90	"	177	15,900
Spinach, New Zealand	1962	27	11.5	310	"	200	62,000
	1961	26	12.5	325	"	205	66,600
Squash, Winter	1962	12	10	120	"	71	8,500
	1961	8	10	80	"	66	5,280
Summer	1962	9	11.4	103	"	136	14,000
	1961	6	11.1	67	"	141	9,450
Turnips	1962	1	6	6	"	125	750
	1961	1	6	6	"	142	850
Miscellaneous*							
Vegetables, Field and	1962	70					1,489,000
Indoor Grown	1961	12					1,184,300
TOTAL	1962	3,837					\$4,571,800
	1961	3,880					\$4,484,650

* Includes confidential crop values

FIELD CROPS

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 Dry Edible	1962	109	.77	84	Ton	\$160	\$ 13,400
	1961	90	.82	73.8	"	145	10,700
Fava	1962	31	.42	13	"	120	1,560
	1961	40	.91	36.5	"	120	4,380
Barley	1962	2,500	.84	2,100	"	44	92,400
	1961	2,580	.99	2,550	"	40.80	104,000
Flaxseed	1962	2,155	8.52	18,373	Bu.	3.32	61,000
	1961	1,500	9.70	14,500	"	3.52	51,000
Hay Grain	1962	4,100	1.59	6,519	Ton	24.75	161,300
	1961	6,040	1.60	9,660	"	23	220,000
Other Tame	1962	326	1.28	417	"	21.60	9,000
	1961	317	1.10	350	"	21	7,350
Oats	1962	5,040	.72	3,654	"	42.40	154,900
	1961	5,550	.70	3,872	"	40.80	158,000
Pasture Irrigated	1962	725			Acre	36	26,100
	1961	760			"	35	26,600
Other	1962	38,000			"	3.75	142,500
	1961	35,000			"	3.85	135,000
Wheat	1962	19	.43	8.3	Ton	66	550
	1961						--
TOTAL	1962	53,005					\$662,710
	1961	51,877					\$717,030

SEED CROPS

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
Brussels Sprouts	1962			400	Lb.	\$ 10	\$ 4,000
	1961			400	"	10	4,000
Vetch	1962	780	.36	277	Ton	120	33,200
	1961	628	.26	166	"	124	20,600
Miscellaneous Seeds	1962	30		4,300	Lb.		2,800
	1961	33		4,400	"		1,800
TOTAL	1962	810					\$40,000
	1961	661					\$26,400

FRUIT AND NUT CROPS

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							
Total	1962	98	2.23	219	Ton	\$114	\$25,100
	1961	83	2.96	246	"	135	33,400
Fresh	1962		1.92	189	"	125	23,600
	1961			212	"	153	32,400
Processing	1962			30	"	50	1,500
	1961			34	"	30	1,020
Apricots	1962	5	.36	1.8	"	975	1,750
	1961	5	.40	2	"	770	1,540
Grapes	1962	4	1.5	6	"	92	550
	1961	4	1.5	6	"	95	570
Pears	1962	22	4.45	98	"	65	6,370
	1961	13	5.38	70	"	90	6,300
Prunes	1962	35	1.48	52	"	250	13,000
	1961	36	1.11	40	"	320	12,800
Strawberries							
Total	1962	28	9.39	263	"	369	97,140
	1961	52	7.78	405	"	343	139,100
Fresh	1962			252	"	375	94,500
	1961			332	"	370	123,000
Processing	1962			11	"	240	2,640
	1961			73	"	220	16,100
Walnuts	1962	85	.20	17	"	500	8,500
	1961	88	.25	22	"	600	13,200
Miscellaneous Fruits	1962	2					1,400
	1961	2					1,400
TOTAL	1962	279					\$153,810
	1961	283					\$208,310

FLORAL AND NURSERY CROPS OUTDOOR GROWN

Item	Year	Production Area Acres	Production	Unit	Value	
					Per Unit	Total
Acacia	1962	95	9,500	Tree	\$14	\$ 133,000
	1961	93	9,300	"	13	120,900
Agapanthus	1962	4	11,200	Dozen	.78	8,700
	1961	6	17,100	"	.75	12,800
Asters	1962	6	1,100,000	Bloom	.033	36,300
	1961	9	1,935,000	"	.035	67,700
Calla Lily	1962	21	127,200	Dozen	.642	81,700
	1961	31	191,270	"	.617	118,000
Chrysanthemums Total	1962	60				494,500
	1961	75				704,800
Standard	1962	17	792,000	Bloom	.112	89,100
	1961	19	856,800	"	.125	107,100
Medium	1962	14	1,713,000	"	.075	128,500
	1961	21	2,534,000	"	.085	215,400
Pompons	1962	29	644,000	Bunch	.43	276,900
	1961	35	749,500	"	.51	382,300
Cut Foliage	1962	82				178,600
	1961	84				183,000
Gladiolus	1962	6	32,400	Dozen	.75	24,300
	1961	16	84,800	"	.70	59,400
Heather	1962	146	657,000	Bunch	.40	262,800
	1961	158	726,800	"	.375	272,500
Iris	1962	29	98,600	Dozen	.40	39,400
	1961	31	102,300	"	.375	38,400
Marguerites	1962	57	875,000	Bunch	.22	192,500
	1961	43	752,500	"	.25	188,100
Narcissus	1962	36	2,700,000	Bloom	.020	54,000
	1961	37	2,275,000	"	.018	49,900

(Continued)

FLORAL AND NURSERY CROPS OUTDOOR GROWN

Item	Year	Production Area Acres	Production	Unit	Value	
					Per Unit	Total
Shasta Daisies	1962	27	3,780,000	Bloom	\$.03	\$ 113,400
	1961	59	8,260,000	"	.025	206,500
Stock	1962	62	279,000	Dozen	.45	125,600
	1961	97	436,500	"	.45	196,400
Strawflowers	1962	100	30,000	Box	13	390,000
	1961	92	21,000	"	13	273,000
Violets	1962	13	78,000	Dz. Bunches	1.25	97,500
	1961	20	120,000	" "	1.25	150,000
Bulbs	1962		90,000	Bulbs		69,000
	1961		1,500,000	"		85,800
Miscellaneous Flowers	1962	27				51,300
	1961	34				62,900
Herbaceous Perennials	1962	9	1,295,000	Plants	.082	106,300
	1961	9	1,252,000	"	.093	116,900
TOTAL	1962	780				\$2,458,900
	1961	894				\$2,907,000

FLORAL AND NURSERY CROPS GLASSHOUSE GROWN

Item	Year	Production Area Sq. Ft.	Production	Unit	Value	
					Per Unit	Total
<u>Cut Flowers</u>						
Carnations	1962	1,889,000	38,800,000	Bloom	\$.051	\$1,978,800
	1961	1,810,000	37,660,000	"	.050	1,883,000
Chrysanthemums Total	1962	555,700	5,236,700	"	.098	512,000
	1961	457,200	4,288,200	"	.112	482,500
Standard	1962	152,770	1,495,700	"	.13	194,000
	1961	130,300	1,248,200	"	.145	193,700
Medium	1962	402,930	3,741,000	"	.085	318,000
	1961	326,900	3,040,000	"	.095	288,800
Ferns	1962	294,132	2,059,000	Bunch	.14	288,300
	1961	304,800	2,134,000	"	.12	256,000
Gardenias	1962	115,800	1,968,600	Bloom	.081	159,500
	1961	135,800	2,173,000	"	.089	193,400
Orchids	1962	216,300	519,360	"	.70	363,600
	1961	214,500	514,900	"	.75	386,100
Roses	1962	357,775	6,370,200	"	.069	439,500
	1961	341,775*	6,271,600	"	.065	407,000
Snapdragons	1962	29,350	23,480	Bunch	1.00	23,500
	1961	20,100	15,100	"	1.00	15,100
Sweet Peas	1962	15,350	92,100	Dozen	.18	16,600
	1961	11,700	70,500	"	.184	13,000
Miscellaneous Cut Flowers	1962	58,450		Sq. Ft.	.97	56,700
	1961	54,500		"	1.05	57,200
Flowering Pot Plants	1962	828,000	1,830,500	Plants	.89	1,629,100
	1961	793,900	1,785,300	"	.90	1,603,000

* Corrected data

(Continued)

FLORAL AND NURSERY CROPS GLASSHOUSE GROWN

Item	Year	Production Area Sq. Ft.	Production	Unit	Value	
					Per Unit	Total
<u>Propagated</u>						
Bedding Plants	1962	21,320	13,600	Flats	2.80	\$ 38,000
	1961	23,600	11,500	"	2.97	34,200
Ornamental Nursery Stock	1962	372,200	16,674,000	Plants	.052	874,600
	1961	395,700	12,363,000	"	.061	758,300
TOTAL	1962	4,753,377				6,380,200
	1961	4,478,900				6,088,800
Total Glass and Plastic Area			4,772,400 square feet			
161 Glass or Plastic Ranges			214 Growers			
TOTAL VALUE, ALL FLORAL AND NURSERY CROPS				1962	\$8,839,100	
				1961	\$8,995,800	

LIVESTOCK AND POULTRY

Item	Year	P r o d u c t i o n			V a l u e	
		Number of Head	Total Liveweight	Unit	Per Unit	Total
Cattle and Calves	1962	3,558	23,772	Cwt.	\$22.23	\$528,400
	1961	3,700	25,400	"	21.14	537,000
Milkers Sold	1962	904			226.00	204,300
	1961	858			212.00	182,000
Sheep and Lambs	1962	1,767	1,991	"	14.31	28,500
	1961	1,400	1,464	"	14.82	21,700
Hogs and Pigs	1962	9,482	20,639	"	18.52	382,200
	1961	12,200	26,800	"	18.51	496,000
Broilers and Fryers	1962	500	1,500	Lbs.	.187	280
	1961	600	1,800	"	.198	356
Other Chickens	1962	3,575	14,300	"	.072	1,030
	1961	2,300	9,200	"	.067	616
Rabbits	1962	1,920	9,600	"	.270	2,600
	1961	2,400	12,000	"	.267	3,200
TOTAL	1962					\$1,147,310
	1961					\$1,240,872

LIVESTOCK, POULTRY AND APIARY PRODUCTS

Item	Year	Production	Unit	V a l u e	
				Per Unit	Total
Milk, Market	1962	140,000	Cwt.	\$4.69	\$656,600
	1961	124,000	"	4.50	558,000
Milk, Manufacturing	1962	29,000	"	2.76	80,000
	1961	34,500	"	2.82	97,300
Wool	1962	13,900	Lbs.	.42	5,840
	1961	14,000	"	.39	5,460
Eggs Chicken	1962	53,400	Doz.	.26	13,880
	1961	59,590	"	.285	17,000
Turkey	1962	160,000	Each	.25	40,000
	1961	160,000	"	.25	40,000
Honey	1962	49,000	Lbs.	.10	4,900
	1961	22,350	"	.095	2,100
Beeswax	1962	3,000	"	.42	1,260
	1961	3,725	"	.40	1,490
TOTAL	1962				\$802,480
	1961				\$721,350

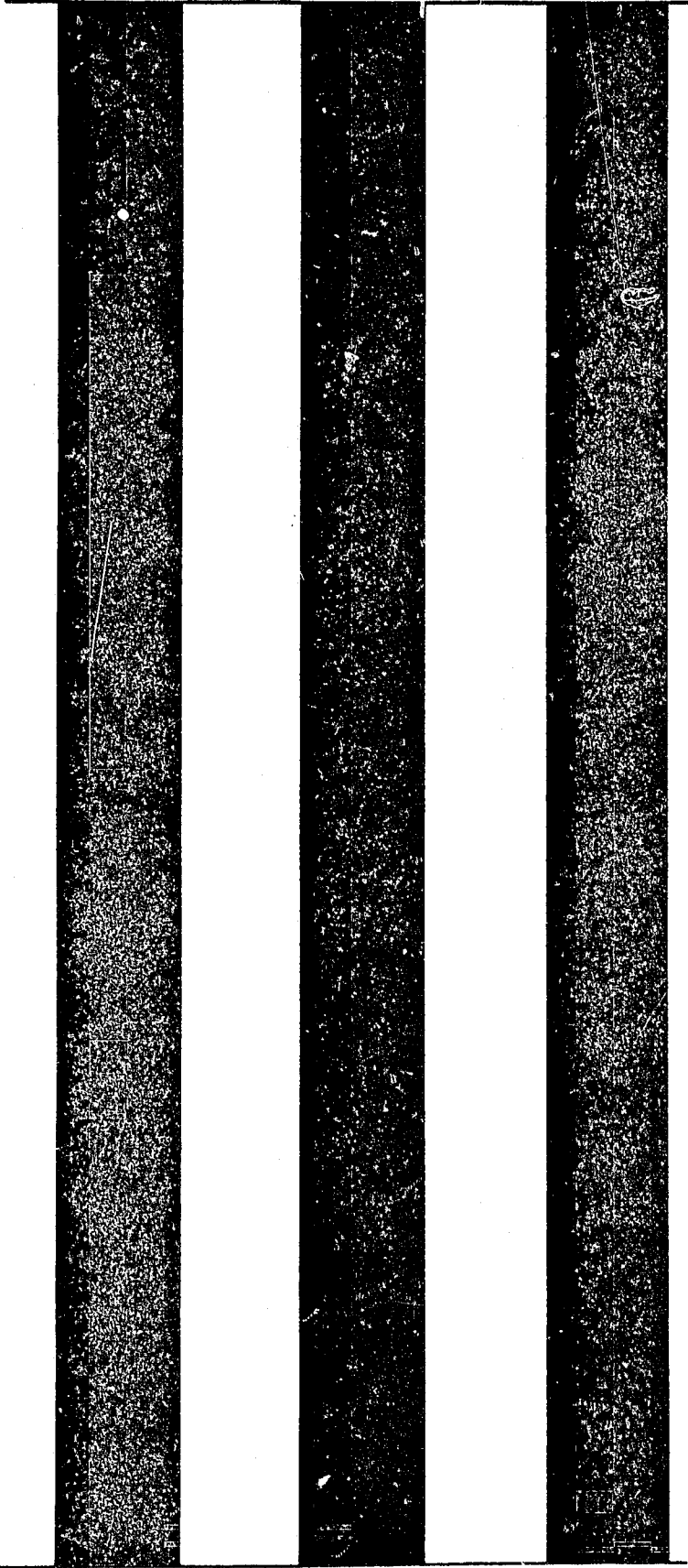
JANUARY 1 INVENTORY OF LIVESTOCK AND POULTRY - 1962-1963

Item	January 1, 1962	January 1, 1963
Cattle and Calves		
All	9,068	8,840
Milk cows 2 years and over	1,482	1,643
Sheep and Lambs		
All	1,704	1,529
Stock Sheep	560	510
Hogs and Pigs	8,250	7,000
Horses	60	88
Hens and pullets	6,000	1,700

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

P R O D U C T I O N V A L U E S

	1961	1962
Vegetable Crops	\$ 4,484,650	\$ 4,571,800
Flower and Nursery Crops	8,995,800	8,839,100
Field Crops	717,030	662,710
Seed Crops	26,400	40,000
Fruit and Nut Crops	208,310	153,810
Livestock and Poultry	1,240,872	1,147,310
Livestock, Poultry and Apiary Products	721,350	802,480
TOTAL	\$16,394,412	\$16,217,210
Crop Value of Retail Ornamental Nursery Sales	\$ 1,400,000	\$ 1,461,000

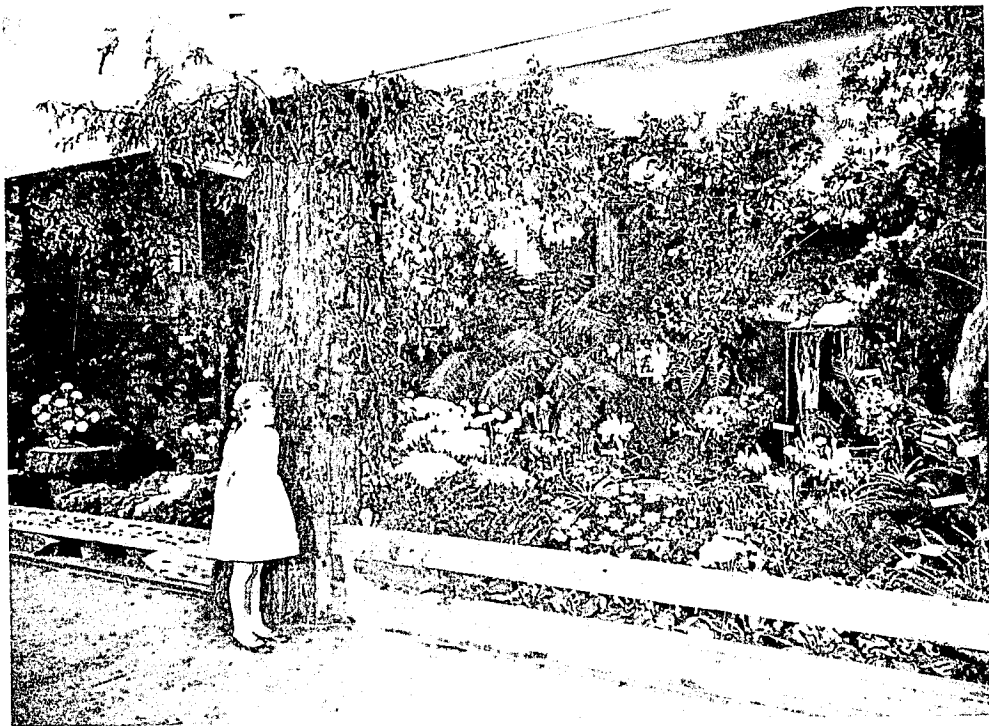


1963

Calif. Counties

Annual **AGRICULTURAL REPORT**

1963



San Mateo County 1963 State Fair Exhibit

SAN MATEO COUNTY
DEPARTMENT OF AGRICULTURE

UNIVERSITY OF CALIFORNIA
DAVIS
APR 10 1964
LIBRARY

Honorable Board of Supervisors
County of San Mateo

and

Charles Paul, Director
State Department of Agriculture

Gentlemen:

In accordance with Section 65.5 of the Agricultural Code we herewith submit the annual Crop Report for the County of San Mateo, covering the acreage, production and value of all agricultural products, including livestock. This report represents the gross income to the growers, and does not take into consideration the cost of producing, harvesting and packaging.

The 1963 report indicates an increase of \$220,900 over the previous year. The substantial increase in the production and value of the floricultural and ornamental plant industries contributed to this gain, although vegetables, livestock and field crops showed a definite decline.

Favorable weather and marketing conditions contributed to an impressive increase in the value of carnations, ornamental plants, chrysanthemums, strawberries, marguerites, iris, gardenias, violets, strawflowers, and fruit and nut crops; whereas climatic and other adverse conditions resulted in lower production of peas, flax, oats, livestock, cut foliage, fresh milk and several field crops.

High production and excellent returns were obtained by the Brussels sprouts growers; however with 245 fewer acres planted, the total value shows a decline of \$132,000. Since this loss was the result, primarily, of the uncertain water supply, this situation would be corrected with the construction of the proposed reservoirs in the Pescadero area.

The continuous encroachment of urbanization is reflected in the reduction in acreage, production and value of artichokes, lettuce, asters, gladiolus and acacia.

We believe that the building of additional glasshouse ranges in the Half Moon Bay-Pescadero area should maintain the value of our agricultural production close to the present level.

Our most sincere gratitude to all persons who cooperated with our Department by furnishing the information necessary to make this report possible.

Respectfully submitted,



Victor A. Canavese, Commissioner
Department of Agriculture
County of San Mateo

SAN MATEO COUNTY

Board of Supervisors

James V. Fitzgerald - Chairman

T. Louis Chess
Alvin S. Hatch

E. R. McDonald
William M. Werder

E. R. Stallings
County Manager

DEPARTMENT OF AGRICULTURE

Agricultural Commissioner

Victor A. Canavese

Chief Deputy

Ian J. Campbell

Deputy Commissioners

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Emile L. Labadie, Jr.
Clarence M. Sill

Senior Inspectors

William E. Davis
Louis A. Masini
Curtis C. Van Sandt

Inspectors

Donald R. Dilley
Philip Economon
George Ginilo
George M. Gregory
Melvin A. Mello
Wallace L. Plummer
Robert E. Runels
Floyd E. Sampson

Part-time

Apiary Inspector

Alfred M. Marion

Weed and Rodent

Inspector

Arnold Roach

Predatory Animal

Hunters

Marion C. Gray
Vincent Belleci

Typist Clerk II

Patricia Coffman

Steno Clerk I

Maxine Wright

FUNCTIONS AND ACTIVITIES

SAN MATEO COUNTY DEPARTMENT OF AGRICULTURE

Year - 1963

By authority of the Agricultural Code of the State of California every county shall have a Department of Agriculture. Enforcing certain provisions of the Agricultural, Administrative and other State Government Codes is the main function of the County Department of Agriculture. These codes were enacted for the protection and benefit of the producer, consumer and the agricultural industry.

The Board of Supervisors, to whom the Agricultural Commissioner and his staff are directly responsible, may assign other regulatory duties in addition to those specified in the statutes which are mentioned above.

The Agricultural Commissioner supervises the County Department of Agriculture. Assisting him are a Chief Deputy, three Deputies, three Senior Inspectors, eight Agricultural Inspectors, one Weed and Rodent Inspector, one part-time Apiary Inspector, two Predatory Animal Hunters and two Secretaries.

A summary follows, which lists the objectives and statistical information concerning the various departmental activities:

APIARY

To detect the presence of serious diseases, each spring the Apiary Inspector inspects all bee colonies. Those which are found to be infected with American Foul Brood are required to be destroyed. All owners of bees must register with the Agricultural Commissioner each year.

	<u>Apiaries</u>	<u>Colonies</u>
Inspections	101	942
Diseased	11	119
Destroyed	-	119

CERTIFICATION

To comply with requirements of other counties, states and foreign countries regulating the movement of plant material, the following certificates were issued:

Intrastate	57,763
Interstate and Foreign	52,813

CIVILIAN DEFENSE

This Department represents the County for the Food Administration Division of the California Disaster Office. It is our function to keep a current inventory of the wholesale foods available in the County, for use in the event of a serious emergency.

FAIRS

Calls	602
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The County exhibit at the California State Fair and Exposition, in Sacramento, is designed and installed by this Department. Over one hundred growers supply flowers and ornamental plants. These are selected, sorted and arranged for competition with the entries of other counties in the State.

In Statewide competition, San Mateo County has consistently taken first prize sweepstakes in the cut flower division. However, for the first time we placed second in the feature exhibit.

In 1963 we won a record \$2,125 in prize money which was turned into the County Treasury.

This Department also assists in staging, judging and clerking in the Agricultural Section of the San Mateo County Fiesta. With the appointment of the Commissioner to the Board of Directors our responsibilities in this field will undoubtedly increase.

FIELD, HOME AND ORCHARD

Calls	1,062
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Advice is given to farmers, growers, nurserymen, park departments, home owners,

FIELD, HOME AND ORCHARD (Continued)

schools and other jurisdictions about various horticultural problems. Included among these are questions concerning identification and control of such plant pests as insects, diseases and weeds. Also, information is given out about the care and culture of plants, both agricultural and ornamental.

LABORATORY

On request, well water is checked to determine if the salinity would cause plant injury.

Tests Made	17
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In the laboratory also, plant root specimens are processed and forwarded to the State Department of Agriculture. The Bureau of Plant Pathology then determines the presence of plant parasitic nematodes. A large increase in the number of tests made in 1963 was due to a Countywide survey started, and still continuing, for the presence of Burrowing Nematodes in our commercial greenhouses.

Tests Made	358
Plant Parasitic Nematodes Found	75

NURSERY INSPECTION

San Mateo County has 260 locations where plants are grown and sold, and which do an annual business exceeding \$2,600,000. Once or twice a year the locations are inspected to determine the presence of plant pests including insects, diseases and weeds. The plants inspected must be completely free from any new or serious pests and must be reasonably free from common pests. It is also required that plants be correctly labeled as specified in the California State Administrative Code.

Calls	1,774
Nurseries Inspected	288
Notices of Noncompliance	80
Intercounty Nursery Stock Certificates Issued	57,657
Nurseries Qualified to Use Inter- county Nursery Stock Certificates	72

PEST CONTROL

All agricultural pest control operators must conform with County and State Rules and Regulations governing the conduct of their business. These operators are licensed by the State, but they are required to register annually with the Agricultural Commissioner in whose County they intend to operate. If they plan to purchase and/or use certain pesticides, which have been listed by the State as injurious materials or herbicides, then they shall obtain a permit from the County in which they wish to purchase and/or use said pesticides.

Permits Issued	289
Pest Control Operators Registered	83

PLANT QUARANTINE

By enforcing plant quarantines, this Department attempts to prevent the introduction into or spread within the State of harmful agricultural pests. Incoming plant material is inspected at such points of entry as Post Offices, Express Offices, Railroad and Truck Depots, Air Terminals and Nurseries.

Calls	11,035
Inspection Locations	196
Shipments Inspected	12,633
Shipments in Violation	409
Plants Inspected	8,580,124
Plants in Violation	41,515

PREDATORY ANIMAL CONTROL

Through a cooperative agreement between the Bureau of Sport Fisheries and Wildlife of the United States Department of the Interior, the California State Department of Agriculture and San Mateo County, predatory animals are kept under control in the County. One man worked full time on this program in 1963. He was assisted by another hunter who worked a total of seven months.

This control is primarily for the protection of livestock. However, many of the small predators are carriers of rabies.

Losses from predatory animals amounted to 124 head of livestock and 2,650 domestic fowls. Raccoons destroyed 1,075 pounds of sweet corn and 21 crates of strawberries.

Calls	1,267
Bobcats Taken	128
Coyotes Taken	122
Others Taken (Badgers, Raccoons, Skunks, Foxes, etc.)	988

RODENT AND PEST ANIMAL CONTROL

For the purpose of eradicating ground squirrels, the Department conducts a Countywide program. Serious pests of agricultural crops, these animals are also carriers of such human diseases as Bubonic Plague and Tularemia. To further the control and/or eradication of ground squirrels, rodenticides are furnished free to property owners to be used under supervision of the Department.

Poison baits to control field mice, rats and gophers are sold to commercial growers and we also cooperate with the County Health Department in the control of rodents in the urban area.

Calls	929
Acres Inspected	14,431
Acres Treated	218

SEED INSPECTION

To comply with the California Seed Law, agricultural and vegetable seed is inspected. It must be properly labeled and must meet the specifications as

SEED INSPECTION (Continued)

stated on the label.

Calls	280
Dealers	246
Lots Inspected	2,166
Lots in Violation	96
Official Samples Taken	11

STANDARDIZATION

The protection of wholesale and retail buyers of vegetables, fruits, nuts, eggs, poultry meat and honey is a major phase of our work.

During 1963, inspections were made in the field, in packing houses, and in both wholesale and retail markets.

Calls	14,429
Produce (Packages)	8,074,049 + 52.5 (Tons)
Eggs (Dozens)	1,784,297
Poultry (Carcasses)	193,707
Honey (Containers)	48,625
Commodities in Violation	
Produce (Packages)	92,627 + 28.5 (Tons)
Eggs (Dozens)	122,838
Poultry (Carcasses)	119
Honey (Containers)	10

The Golden Gate Produce Terminal very successfully completed its first year in their new location in South San Francisco. This enterprise handles most of the fruits and vegetables offered for sale in Northern and Central California, many Western States and is also exporting to several foreign countries. The gross business for 1963 was reported to be over 90 million dollars.

STATISTICS

Calls	872
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To comply with the California State Agricultural Code, this office compiles and publishes an annual report showing acreage and value of crops grown in this County. Over 700 growers cooperate in furnishing this information. Copies of the report are made available to other Government Agencies, educational institutions, industries allied to agriculture, and to any interested persons.

SURVEY AND PEST DETECTION

To detect the presence of any serious agricultural pests, survey and trapping programs are conducted throughout the County. The pests for which we survey and trap include Japanese Beetle, Citrus White Fly, Khapra Beetle and Gypsy and Brown Tail Moth.

Calls	3,058
Traps Used	301

WEED CONTROL

To detect primary and secondary noxious weeds, surveys are made in the agricultural areas of the County. These weeds are ones which by their habit of growth and reproduction are difficult to control or to eradicate.

Other weeds which may also be serious agricultural pests are controlled and/or eradicated in the agricultural areas on the Coastside. A service agreement is entered into with the State Division of Highways, and the County is reimbursed for control work done along certain designated State Highways.

Calls	473
Acres Inspected	4,893
Acres Treated	208.3

OTHER ACTIVITIES

1. There were 10,417 service calls from the public regarding plant pest control and other home garden and agricultural problems.
2. 275 meetings were attended by members of the Agricultural Department. These meetings were sponsored by the State Department of Agriculture, scientific groups and agricultural organizations.
3. Plant material, insects, diseases and weed pests were identified during the year.
4. In cooperation with the United States Department of Commerce, two weather stations were operated and maintained by members of the staff.
5. On unimproved properties, in two residential districts, weed abatement was contracted out and the proportioned cost figured for assessment.
6. Educational talks on agriculture were given before garden and farm groups, and service clubs. In talks before garden and farm groups various phases of agriculture were discussed.
7. Monthly reports and annual reports were prepared and sent to the State Director of Agriculture, and a narrative and statistical monthly report was sent to the County Board of Supervisors.
8. Reports covering the harvesting and handling of crops and livestock, and the effect weather may have on them, were prepared and mailed weekly to the California Crop and Livestock Reporting Service.
9. Growing grounds for foreign plant shipments were given postentry quarantine inspections.
10. Elm trees along County roads were sprayed in an Elm Leaf Beetle control program.
11. Publications and other information, supplied by the University of California, the United States Department of Agriculture and other agencies, were disseminated by this Department, in cooperation with the Agricultural Extension Service.

OTHER ACTIVITIES (Continued)

12. We cooperated with the California State Department of Agriculture on problems involving injurious spray residue on crops.
13. Certain agricultural commodities are controlled through Marketing Orders. These orders, which the Industry itself requests, provide superior quality for the consumer and more return to the producer. This Department cooperates with the Artichoke and Brussels Sprouts Advisory Boards.
14. This Department assisted the State Department of Agriculture in maintaining a seed potato disease test plot on the Coastside.

ANNUAL CROP REPORT

VEGETABLE CROPS

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
Anise	1963	1	13.7	13.7	Ton	\$ 84	\$ 1,150
	1962	1	14	14	"	91	1,300
Artichoke Total	1963	767	2.58	1,983	"	185	367,820
	1962	777	2.87	2,230	"	174	387,200
Fresh Mkt.	1963	767		1,918	"	188	361,000
	1962	777	2.78	2,160	"	176	380,200
Processing	1963			65	"	105	6,820
	1962			70	"	100	7,000
Beans, Green	1963	21	2.04	43	"	235	10,100
	1962	22	2.77	61	"	224	13,700
Beets, Table	1963	10	8.5	85	"	166	14,100
	1962	16	8.62	138	"	158	21,800
Broccoli, Sprouting Total	1963	38	2.11	80.2	"	113	9,060
	1962	19	1.75	33	"	105	3,500
Fresh Mkt.	1963	19	1.96	37.2	"	81.75	3,040
	1962	19	1.75	33	"	105	3,500
Processing	1963	19	2.26	43	"	140	6,020
	1962						
Brussels Sprouts Total	1963	1,420	5.8	8,240	"	207.40	1,709,600
	1962	1,665	5.6	9,325	"	197.50	1,842,000
Fresh Mkt.	1963			410	"	160	65,600
	1962			465	"	150	70,000
Freezer	1963			7,830	"	210	1,644,000
	1962			8,860	"	200	1,772,000
Cabbage	1963	47	11	517	"	45	23,300
	1962	86	12	1,032	"	49.50	51,000

(Continued)

VEGETABLE CROPS

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
Calabresi	1963	5	3.4	17	Ton	\$380	\$ 6,460
	1962	7	3.42	24	"	375	9,000
Carrots	1963	4	8.25	33	"	96	3,170
	1962	7	8.28	58	"	100	5,800
Cauliflower	1963	2	12.5	25	"	55.20	1,380
	1962	2	13	26	"	57.60	1,500
Celery	1963	9	36.6	330	"	38.25	12,600
	1962	13	35	455	"	30	13,700
Celery Root	1963	8	4.42	35.4	"	147	5,200
	1962	7	4.28	30	"	134	4,000
Chard	1963	28	13.3	373	"	70	26,100
	1962	33	13.3	439	"	83	36,400
Corn	1963	5	4.4	22	"	94	2,070
	1962	6	4.66	28	"	85.70	2,350
Dandelion Root	1963	4	6.25	25	"	160	4,000
	1962	6	6.33	38	"	157	6,000
Garlic	1963	3	3	9	"	380	3,420
	1962	2	3	6	"	420	2,500
Greenleaf* Vegetables	1963	8	6.25	50	"	81	4,050
	1962	18	5.88	106	"	86	9,200
Leeks	1963	8	16.75	134	"	106	14,200
	1962	11	16.8	185	"	104	19,200
Lettuce (All Var.)	1963	220	10	2,200	"	69.30	152,500
	1962	257	10.11	2,600	"	74.60	194,000
Onions, Green	1963	3	10	30	"	191	5,730
	1962	2	10	20	"	162	3,200
Parsley	1963	13	9.54	124	"	215	26,700
	1962	13	10	130	"	200	26,000

* Includes Collards, Kale, Mustard Greens, Rapini and Turnip Greens

(Continued)

VEGETABLE CROPS

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
Peas, Market	1963	291	2.52	733	Ton	\$200	\$ 146,600
	1962	550	2.11	1,163	"	184	214,000
Potatoes	1963	70	10.74	752	"	49	36,800
	1962	110	10	1,100	"	47	51,700
Radish	1963	58	13.12	761	"	84	63,900
	1962	61	13.1	802	"	86	69,000
Spinach	1963	25	2.48	62	"	136	8,430
	1962	27	2.44	66	"	144	9,500
Spinach, New Zealand	1963	26	10	260	"	200	52,000
	1962	27	11.5	310	"	200	62,000
Squash, Winter	1963	19	12	288	"	65	14,800
	1962	12	10	120	"	71	8,500
Summer	1963	4	11.25	45	"	146	6,570
	1962	9	11.4	103	"	136	14,000
Turnips	1963						--
	1962	1	6	6	"	125	750
Miscellaneous* Vegetables Field and Indoor Grown	1963	67					1,508,000
	1962	70					1,489,000
TOTAL	1963	3,180					\$4,240,000
	1962	3,840					\$4,572,000

* Includes confidential crop values

FIELD CROPS

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 Dry Edible	1963	27	.67	18	Ton	\$200	\$ 3,600
	1962	109	.77	84	"	160	13,400
Fava	1963	10	.80	8	"	170	1,360
	1962	31	.42	13	"	120	1,560
Barley	1963	1,700	.60	1,020	"	45	45,900
	1962	2,500	.84	2,100	"	44	92,400
Flaxseed	1963	1,300	7.26	9,440	Bu.	3.34	31,500
	1962	2,155	8.52	18,373	"	3.32	61,000
Hay Grain	1963	4,200	1.61	6,760	Ton	25	169,000
	1962	4,100	1.59	6,519	"	24.75	161,300
Other Tame	1963	500	.75	375	"	22	8,250
	1962	326	1.28	417	"	21.60	9,000
Oats	1963	3,800	.32	1,220	"	46	56,100
	1962	5,040	.72	3,654	"	42.40	154,900
Pasture Irrigated	1963	825			Acre	38	31,400
	1962	725			"	36	26,100
Other	1963	39,000			"	3.85	150,000
	1962	38,000			"	3.75	142,500
Wheat	1963						--
	1962	19	.43	8.3	Ton	66	550
TOTAL	1963	51,400					\$ 497,000
	1962	53,000					\$ 662,700

SEED CROPS

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
Brussels Sprouts	1963			350	Lb.	\$ 10	\$ 3,500
	1962			400	"	10	4,000
Vetch	1963	630	.13	82	Ton	140	11,500
	1962	780	.36	277	"	120	33,200
Miscellaneous Seeds	1963	40		2,300	Lb.		1,600
	1962	30		4,300	"		2,800
TOTAL	1963	670					\$ 16,600
	1962	810					\$ 40,000

FRUIT AND NUT CROPS

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							
Total	1963	97	2.97	288	Ton	\$112	\$ 32,200
	1962	98	2.23	219	"	114	25,100
Fresh	1963		2.66	258	"	120	31,000
	1962		1.92	189	"	125	23,600
Processing	1963			30	"	40	1,200
	1962			30	"	50	1,500
Apricots	1963	3	.67	2	"	970	1,940
	1962	5	.36	1.8	"	975	1,750
Grapes	1963	2	1.5	3	"	90	270
	1962	4	1.5	6	"	92	550
Pears	1963	22	4.18	92	"	75	6,900
	1962	22	4.45	98	"	65	6,370
Prunes	1963	35	2.71	95	"	254	24,100
	1962	35	1.48	52	"	250	13,000
Strawberries							
Total	1963	67	7.54	500.5	"	398	198,970
	1962	28	9.39	263	"	369	97,140
Fresh	1963			492	"	400	197,000
	1962			252	"	375	94,500
Processing	1963			8.5	"	232	1,970
	1962			11	"	240	2,640
Walnuts	1963	50	.36	18	"	480	8,640
	1962	85	.20	17	"	500	8,500
Miscellaneous Fruits	1963	2					1,200
	1962	2					1,400
TOTAL	1963	278					\$ 274,000
	1962	279					\$ 154,000

FLORAL AND NURSERY CROPS OUTDOOR GROWN

Item	Year	PRODUCTION		Unit	V A L U E	
		Area Acres	Production		Per Unit	Total
Acacia	1963	95	9,500	Tree	\$12.50	\$ 119,000
	1962	95	9,500	"	14.00	
Agapanthus	1963	4	11,400	Dozen	.75	8,550
	1962	4	11,200	"	.78	8,700
Asters	1963	1	183,000	Bloom	.035	6,400
	1962	6	1,100,000	"	.033	36,300
Calla Lily	1963	20	122,000	Dozen	.72	87,800
	1962	21	127,200	"	.642	81,700
Chrysanthemum Total	1963	60				555,000
	1962	60				494,500
Standard	1963	18	864,000	Bloom	.121	105,000
	1962	17	792,000	"	.112	89,100
Medium	1963	15	1,890,000	"	.085	161,000
	1962	14	1,713,000	"	.075	128,500
Pompons	1963	27	614,000	Bunch	.47	289,000
	1962	29	644,000	"	.43	276,900
Cut Foliage	1963	81				169,000
	1962	82				178,600
Gladiolus	1963	5	27,500	Dozen	.70	19,200
	1962	6	32,400	"	.75	24,300
Heather	1963	135	607,500	Bunch	.43	261,000
	1962	146	657,000	"	.40	262,800
Iris	1963	50	165,000	Dozen	.42	69,300
	1962	29	98,600	"	.40	39,400
Marguerites	1963	63	1,052,000	Bunch	.24	252,000
	1962	57	875,000	"	.22	192,500
Narcissus	1963	31	2,325,000	Bloom	.02	46,500
	1962	36	2,700,000	"	.02	54,000
Shasta Daisies	1963	31	3,970,000	"	.029	115,000
	1962	27	3,780,000	"	.03	113,400

FLORAL AND NURSERY CROPS OUTDOOR GROWN

Item	Year	PRODUCTION		Unit	V A L U E	
		Area Acres	Production		Per Unit	Total
Stock	1963	50	230,000	Dozen	\$.45	\$ 104,000
	1962	62	279,000	"	.45	125,600
Strawflowers	1963	112	30,800	Box	14.00	431,000
	1962	100	30,000	"	13.00	390,000
Violets	1963	17	93,500	Dz. Bunch	1.25	117,000
	1962	13	78,000	" "	1.25	97,500
Bulbs	1963		965,000	Bulbs		75,800
	1962		930,000	"		69,000
Miscellaneous Flowers	1963	35				66,500
	1962	27				51,300
Herbaceous Perennials	1963	8	825,000	Plants	.104	85,800
	1962	9	1,295,000	"	.082	106,300
Ornamental Nursery Stock	1963					1,532,000
	1962					1,461,000
TOTAL	1963	798				\$4,121,000
	1962	780				\$3,920,000

FLORAL AND NURSERY CROPS GLASSHOUSE GROWN

Item	Year	PRODUCTION		Unit	V A L U E	
		Area Sq. Ft.	Production		Per Unit	Total
<u>Cut Flowers</u>						
Carnations	1963	1,931,000	41,222,000	Bloom	\$.056	\$2,308,000
	1962	1,889,000	38,800,000	"	.051	1,978,800
Chrysanthemums Total	1963	524,000	5,072,000	"	.109	554,000
	1962	555,700	5,236,700	"	.098	512,000
Standard	1963	142,000	1,407,000	"	.139	196,000
	1962	152,770	1,495,700	"	.13	194,000
Medium	1963	382,000	3,665,000	"	.095	348,000
	1962	402,930	3,741,000	"	.085	318,000
Ferns	1963	236,000	1,711,000	Bunch	.15	257,000
	1962	294,132	2,059,000	"	.14	288,300
Gardenias	1963	130,000	2,119,000	Bloom	.095	201,000
	1962	115,800	1,968,600	"	.081	159,500
Orchids	1963	273,000	628,000	"	.65	408,000
	1962	216,300	519,360	"	.70	363,600
Roses	1963	387,000	5,882,000	"	.067	394,000
	1962	357,775	6,370,200	"	.069	439,500
Snapdragons	1963	26,600	21,300	Bunch	1.10	23,400
	1962	29,350	23,480	"	1.00	23,500
Sweet Peas	1963					--
	1962	15,350	92,100	Dozen	.18	16,600
Miscellaneous Cut Flowers	1963	58,000		Sq. Ft.	.72	41,500
	1962	58,450		" "	.97	56,700
Flowering Pot Plants	1963	888,000	1,588,000	Plant	1.01	1,604,000
	1962	828,000	1,830,500	"	.89	1,629,100

(Continued)

FLORAL AND NURSERY CROPS GLASSHOUSE GROWN

Item	Year	PRODUCTION		Unit	V A L U E	
		Area Sq. Ft.	Production		Per Unit	Total
<u>Propagated</u>						
Bedding Plants	1963	23,100	11,700	Flats	\$ 3.00	\$ 35,100
	1962	21,320	13,600	"	2.80	38,000
Ornamental Nursery Stock	1963	432,000	17,238,000	Plant	.059	1,013,000
	1962	372,200	16,674,000	"	.052	874,600
TOTAL	1963	4,909,000				\$6,839,000
	1962	4,753,300				\$6,380,000
Total Glass and Plastic Area		4,744,000 Square Feet				
143 Glass or Plastic Ranges		207 Growers				
TOTAL VALUE, ALL FLORAL AND NURSERY CROPS					1963	\$10,960,000
					1962	\$10,300,000

LIVESTOCK AND POULTRY

Item	Year	P R O D U C T I O N		Unit	V A L U E	
		Number of Head	Total Liveweight		Per Unit	Total
Cattle and Calves	1963	3,500	23,420	Cwt.	\$ 21.86	\$ 512,000
	1962	3,558	23,772	"	22.23	528,400
Milkers Sold	1963	1,030		Head	230.00	237,000
	1962	904		"	226.00	204,300
Sheep and Lambs	1963	1,585	1,650	Cwt.	16.97	28,000
	1962	1,767	1,991	"	14.31	28,500
Hogs and Pigs	1963	9,830	21,400	"	17.20	368,000
	1962	9,482	20,600	"	18.52	382,200
Broilers and Fryers	1963	550	1,650	Lb.	.185	305
	1962	500	1,500	"	.187	280
Other Chickens	1963	400	1,600	"	.072	115
	1962	3,575	14,300	"	.072	1,030
Rabbits	1963	1,760	8,800	"	.255	2,240
	1962	1,920	9,600	"	.270	2,600
TOTAL	1963					\$1,148,000
	1962					\$1,147,000

LIVESTOCK, POULTRY AND APIARY PRODUCTS

Item	Year	Production	Unit	V A L U E	
				Per Unit	Total
Milk, Market*	1963	160,000	Cwt.	\$ 4.46	\$ 714,000
	1962	146,000	"	4.45	650,000
Milk, Manufacturing*	1963	5,400	"	2.83	15,300
	1962	24,700	"	2.73	67,400
Wool	1963	14,700	Lb.	.415	6,100
	1962	13,900	"	.42	5,840
Eggs Chicken	1963	17,800	Dozen	.275	4,900
	1962	53,400	"	.26	13,880
Turkey	1963				- -
	1962	160,000	Each	.25	40,000
Honey	1963	20,000	Lb.	.145	2,900
	1962	49,000	"	.10	4,900
Beeswax	1963	2,100	"	.428	900
	1962	3,000	"	.42	1,260
* Adjusted data for 1962					
TOTAL	1963				\$ 744,000
	1962				\$ 783,000

JANUARY 1 INVENTORY OF LIVESTOCK AND POULTRY - 1963-1964

Item	January 1, 1963	January 1, 1964
<hr/>		
Cattle and Calves		
All	8,840	9,300
Milk Cows, 2 years and over	1,643	1,460
Sheep and Lambs		
All	1,529	1,840
Stock Sheep	510	600
Hogs and Pigs	7,000	5,000
Horses	88	100
Hens and Pullets	1,700	2,000

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

PRODUCTION VALUES

	1962	1963
Vegetable Crops	\$ 4,572,000	\$ 4,240,000
Flower and Nursery Crops	10,300,000	10,960,000
Field Crops	662,700	497,000
Seed Crops	40,000	16,600
Fruit and Nut Crops	154,000	274,000
Livestock and Poultry	1,147,000	1,148,000
Livestock, Poultry and Apiary Products	783,000	744,000
TOTAL	\$17,658,700	\$17,879,600