


AGRICULTURAL CROP REPORT



COUNTY
OF
SAN JOAQUIN



1945



SAN JOAQUIN COUNTY
DEPARTMENT OF AGRICULTURE

Department of Agriculture

AUSTIN E. MAHONEY
AGRICULTURAL COMMISSIONER

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To the State Director of Agriculture and
The Honorable Board of Supervisors

Section 65.5 of the California Agricultural Code requires that the Agricultural Commissioner compile a report covering conditions, acreage, production and value of the agricultural products of his county. This is the twelfth annual crop report published by this Department.

Approximately one hundred commercial crops are covered in this report and for easy reference are segregated as to their commercial use wherever possible.

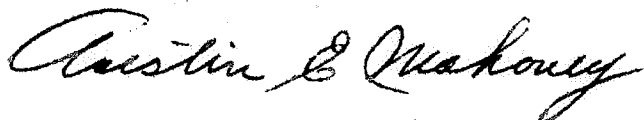
The farmers, shippers and others responsible for the production and marketing of these record crops are to be congratulated on the outstanding job which they have done again this year even though many problems even more complex than those experienced during the preceeding three years had to be overcome.

Acreages of permanent crops are reported in actual bearing acreage only and other crops are reported in actual planted acreage. Production is reported in units commonly used in the marketing of crops commercially in this county. Prices are reported on an F.O.B. basis. Cost of production, harvesting, packing and other handling costs should be deducted to arrive at a true farm value.

As copies of this report are sent to a number of persons in other states, to federal, state and county agencies throughout the United States and to an increasing number of organizations and individuals within the state, the members of this Department have made every effort to make this report as accurate as possible by checking our figures with every known source of reliable information.

I wish to express my sincere appreciation to all who have assisted my inspectors and deputies by furnishing necessary information to them which has made the compilation of this report possible.

Respectfully submitted,



AGRICULTURAL COMMISSIONER

2/1/46

CROP SUMMARY
SAN JOAQUIN COUNTY
YEAR - 1945

Crop production varied greatly this past season. The spring growth of crops was delayed by the unusually cool weather. Some crops were benefitted by this condition and other crops were adversely affected. Heavy winds in April caused considerable damage to celery seed beds, onion plants, spinach plants, young sugar beet plantings, young alfalfa plantings, and market asparagus; estimated losses approach \$500,000 for the county. The summer period was generally favorable for the growth and harvesting of most crops. In the fall early heavy rains starting in early October followed by continued damp or rainy weather caused considerable losses to unharvested grapes, tomatoes, sugar beets, beans, and alfalfa hay. Some crops such as walnuts, almonds, peaches and others not affected by such conditions produced excellent yields.

FRUIT AND NUT CROPS

ALMONDS The 1945 crop proved to be the largest in the history of the county, with all varieties producing excellent yields. Also many new plantings are coming into production.

APRICOTS Approximately 40 percent of a normal yield. Crop production was spotted in most orchards as the result of considerable drop occurring in June. This condition was also brought about by a hold-over of blight, and brown-rot cankers.

CHERRIES Growers had an excellent season. The size of fruit of the early varieties was small due to the large crop. Later varieties were of usual size. Eastern shipments set a new record of 519 cars, exceeding the record year of 1944 by 18 cars. Sales held at the ceiling price throughout the season. However the ceiling price for cherries shipped interstate was higher than for those sold within the state and because of this condition, California markets received a smaller percentage of cherries than in previous years. A large percentage of the crop was purchased on the trees by buyers.

CHESTNUTS Crop production was spotted in orchards throughout the county, although a normal yield was marketed. Quality was good with prices lagging in the beginning of the season, but becoming stronger as harvesting progressed.

FIGS The production of figs this year was about normal, with prices somewhat above last year. There was no interstate shipment of ripe figs and very few were shipped locally. As in the past a large percentage of the crop went to the canneries.

GRAPES, TABLE Tokay grapes produced a normal crop this year. The quality was good but the shipment of fresh grapes was off by over one million and a half packages, this being due to the car shortage and heavy rains which occurred in early October in the middle of the shipping season. Some grapes shipped after the rains sold for less than cost. The price paid for shipping grapes was slightly lower than last year's prices while the price of Tokay's sold for crushing was about half of last year's price.

GRAPES, WINE The production of juice grapes was about normal, with prices paid for both shipping grapes and grapes sold to the wineries about one half of last year's price.

GRAPES, RAISIN Very few of the raisin type of grapes were dried this year. About one-half of the crop was shipped to the fresh markets and the other half sold to the wineries.

OLIVES Yields were about one third of normal with prices about one-third higher than last year.

PEACHES, CLINGSTONE There was a good crop, approximately 3000 more tons than last year. Growers reported some loss in tonnage on early varieties because of insufficient labor in the field and at the canneries early in the season.

PEACHES, FREESTONE Yields were spotted but on a whole the production was about normal. Fewer peaches were shipped to the fresh markets than last year while the tonnage canned was considerably more than last year.

PEARS Pear growers had a very good season this year. The crop was heavy but sizes were somewhat smaller than normal. Orchards that were properly cared for had little worm damage. The price was slightly lower than last year, but yields were much heavier.

PLUMS Total shipments were less than the previous year. Spotted yields in each variety with all varieties harvesting below normal crops.

WALNUTS This was one of the largest crops produced in San Joaquin County. This very large crop was responsible for the nuts running slightly smaller in size, lighter shells and a higher percentage of shriveled nuts. There was practically no blight damage this season. Worm damage was very slight where orchardists followed the program of applying two sprays. Unsprayed orchards ran high in worm damage. The price paid was a little higher than last year.

FIELD CROPS

ALFALFA The acreage of alfalfa hay increased 1,374 acres over the previous year. Production was normal with the quality of hay below normal. The quality was affected by worm damage, labor and weather conditions. At the start of the season the demand for hay was strong with hay selling at ceiling prices until the third cutting when prices weakened and the movement of hay slowed down. This was due mostly to a shortage of transportation facilities. However, as the season progressed and this condition was somewhat relieved prices and demand strengthened and hay sold at top prices for the remainder of the year.

BEANS Acreage continues to decline over previous years. This is caused by much of the land formerly planted to beans having been planted to other higher paying crops. Some damage to unharvested mature beans was caused by early fall rains and continued fogs and rains.

CORN, FIELD Quality and yields were normal. Acreage practically the same as last year.

FLAX Yields were very low, due to weed competition and unfavorable weather conditions. Spotted conditions bring this crop below normal.

GRAIN SORGHUMS Acreage below previous year, quality and yields below last year.

GRAIN Barley acreage increased 7,275 acres over 1944 with production slightly above normal. Wheat and oat acreages were lower than last year. It has been the tendency of grain growers to harvest their crop for bulk storage these past few years.

HAY The quality and yield of grain hay was normal. The acreage of volunteer hay was lower than last year with quality slightly below normal.

MINT Weather conditions this past season were unfavorable for the production of oil, permitting only one cutting. Yields and acreages were reduced one-third this year.

PASTURE The acreage of irrigated pasture has increased approximately 20,000 acres in the last ten years. Sheepmen, cattlemen and dairymen are relying more and more upon irrigated pasture as their main source of feed.

POTATOES Acreage this year is less than it has been for many years. A reduction of approximately 700 acres of market potatoes from last year. This reduction occurred among the Chinese growers. Yields per acre were the highest on record due to favorable growing weather and better seed selection. A large acreage of potatoes for seed purposes was grown this past season.

RICE Yields increased slightly over last year with acreage up about 500 acres. Due to early fall rains, approximately 10 percent of the rice was not harvested.

SUGAR BEETS Unfavorable weather conditions in the spring caused a reduction in acreage. Yields were normal with beets running low in sugar content due to late planting and early rains.

SUNFLOWERS The crop and yields were above normal, with an acreage increase of 525 acres over last year.

SWEET POTATOES The acreage was below normal, but the yield was very good.

VEGETABLE CROPS

ASPARAGUS The acreage of asparagus is steadily increasing in the county, an increase of 5,153 acres over the year 1944. Production of market grass was below normal. Unfavorable weather conditions at harvesting time and shortages of labor caused this reduction. Production of cannery grass was up with a slight increase in price. The canneries contemplated a greater tonnage of grass but this was not realized because of unforeseen labor conditions.

CARROTS Yields were normal with acreage less than last year.

CELERY Growers had a good year. Acreage was slightly above last year. Yields were above normal. Diseases of Western celery mosaic, aster yellows and late blight were generally found throughout the celery fields. A reduction in yields in some fields were caused by these diseases. Price averages were below last year.

MELONS The acreage and yields were normal. The cool weather during the growing season was favorable to the development of verticillium wilt which caused some loss in the fields.

ONIONS Growers had an excellent year. Prices and demands were strong. Yields were above normal. The diseases of mildew and pink-root were held to a minimum by the dry weather during the growing season. Late onions were attacked by thrips, causing some damage, however good control was obtained through the use of D.D.T.

PEAS Production, acreage and prices of market peas were higher than last year, weather conditions being favorable for this crop.

SPINACH The bulk of this crop went to the canneries. A portion of some fields were left unharvested because of poor stands and heavy infestations of aphids.

STRAWBERRIES Only one large commercial planting of strawberries in this county. Production running very high; crop selling at ceiling throughout the season.

TOMATOES The largest acreage in the history of the county, approximately 500 acres more than the record year of 1944. This large acreage was made up of approximately 70 percent of the round type and 30 percent of the pear shape type of tomatoes. Serious tomato diseases such as canker, verticillium wilt and western tomato blight caused some losses. Mite and worm damage were held to a minimum by the general use of sulphur and calcium arsenate dusts. The cool weather during the growing season caused the tomatoes to mature later than usual. This late harvesting season followed by early heavy rains caused a heavy loss in tonnage. Many fields were picked over only once. Prices were lower than last year.

THE TREND OF PERMANENT CROPS IN SAN JOAQUIN COUNTY
YEAR - 1945

CROP & VARIETY	NON BEARING ACREAGE	BEARING ACREAGE
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ALMONDS		
Drake	9	605
I X L	15	220
Eureka	2	
Jordanola	161	364
Ne Plus	114	327
Nonpareil	761	2,568
Peerless	62	172
Mission (Texas)	748	2,124
Other		

Total	1,872	6,502
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APPLES		36
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APRICOTS		
Blenheim & Royal	68	968
Tilton	21	898
Other		10

Total	89	1,876
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CHERRIES		
Bing	56	1,558
Black Republican		101
Chapman	2	159
Lambert	1	269
Royal Ann	31	1,041
Tartarian	5	827
Other		147

Total	95	4,102
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CHESTNUTS (All)		182
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FIGS (All)	6	510
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FILBERTS (All)		6
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GRAPES (Raisin)		
Muscat	1	214
Thompson Seedless	64	763
Zante Currants		26

Total	65	1,003
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CROP & VARIETY	NON BEARING ACREAGE	BEARING ACREAGE
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GRAPES		
Concord		17
Emperor	7	298
Malaga	5	104
Ribier	10	164
Tokay	1,442	18,110
Other	6	693

Total	1,470	19,386
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GRAPES (Wine)		
Alicante	100	7,036
Burger	190	579
Carignane	919	6,500
Golden Chasselas	150	545
Grenache	324	96
Mission	391	1,444
Petite Sirah	16	576
Zinfandel	545	15,010
Other	120	614

Total	2,755	32,400
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NECTARINES (All)	36	195
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OLIVES (All)	12	351
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PEACHES (Cling)		
Gaume	228	790
Halford	532	621
Palora	288	1,258
Peak	49	175
Phillips	84	727
Tuscans		80
Walton	3	100
Other	594	373

Total	1,778	4,124
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PEACHES (Free)		
Elberta	94	647
J.H. Hale	17	359
Lovell	17	636
Muir	16	399
Salway	3	51
Other	170	1,089

Total	317	3,181
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CROP & VARIETY	NON BEARING ACREAGE	BEARING ACREAGE
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PEARS (All)		141
PERSIMMONS (All)	1	13
PLUMS		
Burbank		51
Climax		19
Duarte	39	30
Grand Duke		34
Kelsey		137
President	18	240
Santa Rosa	61	192
Tragedy	34	315
Wickson		31
Other	11	231
Total	163	1,280

PRUNES		
French		228
Imperial		59
Robe de Sargeant		79
Sugar	2	449
Other		7
Total	2	322

CROP & VARIETY	NON BEARING ACREAGE	BEARING ACREAGE
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QUINCES (All)		8
WALNUTS		
Concord	1	18
Eureka	100	2,117
Franquette	261	1,743
Mayette	58	478
Payne	135	4,615
Other	15	258
Total	570	9,229
WALNUTS, (Black)	283	547
(including road-side trees)		

Plantings of new orchards in the year 1945 showed very little change over 1944. There was a slight increase in the acreage of almonds, apricots, clingstone peaches, freestone peaches and walnuts. Cherries, plums and prunes showed a slight decrease.

Table and juice grapes showed a large increase in acreage. Raisin grapes showed a slight increase.

There are large acreages of almonds, clingstone peaches, table grapes and juice grapes not yet in production.

FRUIT AND NUT CROPS
SAN JOAQUIN COUNTY - 1945

CROP	BEARING ACREAGE	PRODUCTION		UNIT	F.O.B. VALUE	
		PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds	6,502	.88	5,722	Ton	\$760.00	\$4,348,720.
Apricots (Fresh)		4.46	8,367	25 lb lug	1.87	15,646.
Apricots (Canning)	1,876	1.67	3,133	Ton	105.00	328,965.
Apricots (Dried)			132	Ton	640.00	84,480.
Cherries (Royal Ann)	1,041	6.28	6,537	Ton	255.00	1,666,935.
Cherries (Shipping)		2.74	8,387	Ton	359.00	3,010,933.
Cherries (Processed)	3,061	1.16	3,551	Ton	255.00	905,505.
Chestnuts	182	1.10	200	Ton	500.00	100,000.
Figs (Fresh)		21.31	10,868	8 lb flat	1.50	16,302.
Figs (Canning)	510	1.50	765	Ton	125.00	95,625.
Figs (Dried)		.30	153	Ton	250.00	38,250.
Juice (Shipping)		1.10	35,715	Ton	65.00	2,321,475.
Grapes (Wine)	32,400	3.55	114,343	Ton	56.00	6,404,208.
Tokay (Shipping)		188.37	3,411,449	28 lb pkg	1.65	5,628,891.
Grapes (Wine)	18,110	8.22	148,862	Ton	56.00	8,336,272.
All (Shipping)		41.52	94,622	28 lb pkg	1.65	156,126.
Other (Wine)	2,279	4.65	10,615	Ton	56.00	594,440.
Grapes (Raisin)		.12	280	Dry Ton	200.00	56,000.
Misc'l. Orchards	610			Acre	100.00	61,000.
Nectarines	195	500.00	97,500	30 lb lug	1.60	156,000.
Olives	351	.75	263	Ton	250.00	65,750.
Peaches (Shipping)		173.81	552,888	20 lb crate	1.70	939,910.
Peaches (Cannery)	3,181	3.64	11,591	Ton	50.00	579,550.
Peaches Free (Dried)		.40	1,273	Ton	480.00	611,040.
Peaches (Cannery)		9.25	38,147	Ton	63.50	2,422,334.
Peaches Cling (Dried)	4,124		23	Ton	320.00	7,360.
Pears	141	5.25	740	Ton	78.00	57,720.
Plums (Shipping)		147.58	188,901	28 lb crate	2.30	434,472.
Plums (Canning)	1,280	.13	165	Ton	55.00	9,075.
Prunes (Shipping)		59.26	48,715	28 lb crate	2.30	112,045.
Prunes (Dried)	822	.21	172	Ton	195.00	33,540.
Walnuts	9,229	.97	8,994	Ton	500.00	4,497,000.
TOTAL						\$44,095,569.

FIELD CROPS
SAN JOAQUIN COUNTY - 1945

CROP	ACREAGE	PRODUCTION			F.O.B. VALUE	
		PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Alfalfa Hay	50,505	6.39	322,727	Ton	\$ 22.35	\$7,212,948
Barley	91,199	17.25	1,573,183	Cwt.	2.30	3,618,321
Beans, Dry	11,469	16.25	186,371	Cwt.	7.97	1,485,377.
Bean Straw	5,000	1.00	5,000	Ton	12.00	60,000.
Corn, Grain	14,564	1.25	18,205	Ton	49.65	903,878.
Corn Husks			100	Ton	750.00	75,000.
Flax	520	2.00	1,040	Cwt.	6.00	6,240
Grain Sorghum	4,187	16.00	66,992	Cwt.	2.40	160,781
Guayule	1,354	Not being harvested.				
Hay, Grain	22,101	1.50	33,152	Ton	19.00	629,888
Hay, Wild	24,573	1.25	30,716	Ton	18.00	552,888
Mint	500	24.00	12,000	Lbs oil	5.85	70,200
Oats	7,480	9.00	67,320	Cwt.	2.45	164,934
Pasture, Range	219,625			Acre	1.25	274,531
Clover	30,313			Acre	45.00	1,364,085
Sudan Grass	2,804			Acre	25.00	70,100
Stubble	150,000			Acre	1.25	187,500
Potatoes	7,491	240.00	1,797,840	Cwt.	2.20	3,955,248
Pumpkins, (Canning)	317	12.00	3,804	Ton	7.50	28,530
(Stock)	300	15.00	4,500	Ton	5.00	22,500
Rice	3,168	35.00	110,880	Cwt.	3.50	388,080
Silage, Corn	1,463	12.00	17,556	Ton	5.00	87,780
Sugar Beets	4,597	16.00	73,552	Ton	10.40	764,941
Sunflowers	3,175	7.98	25,337	Cwt.	7.16	181,413
Sweet Potatoes	1,330	160.00	212,800	Crate	1.75	372,400
Wheat	21,661	11.33	245,419	Cwt.	2.60	638,089
TOTAL						\$23,275,652

VEGETABLE CROPS
SAN JOAQUIN COUNTY - 1945

CROP	ACREAGE	PRODUCTION			F.O.B. VALUE		
		PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL	
Asparagus (Fresh)	43,681	14.96	653,600	30 lb crate	\$ 3.00	\$1,960,800.	
(Cannery)		.84	36,913	Ton	168.00	6,201,384.	
Beets, Table	63	5.50	346	Ton	40.00	13,840.	
Broccoli	10	150.00	1,500	Crate	3.00	4,500.	
Cabbage	26	285.00	7,410	Crate	1.75	12,968.	
Cauliflower	20	300.00	6,000	Crate	1.50	9,000.	
Carrots	1,386	12.50	17,325	Ton	70.00	1,212,750.	
Celery	5,482	285.00	1,562,370	60lb crate	2.90	4,530,873.	
Corn, Sweet	432	150.00	64,800	65 lb crate	2.25	145,800.	
Cucumber	249	5.60	1,394	Ton	45.00	62,730.	
Garlic	27	125.00	3,375	Cwt.	20.00	67,500.	
Lettuce	63	240.00	15,120	Crate	2.00	30,240.	
Melons	Cantaloupes	227	100.00	22,700	Crate	3.00	68,100.
	Casabas	326	10.00	3,260	Ton	25.00	81,500.
	Cranshaws	315	10.00	3,150	Ton	35.00	110,250.
	Honeydews	200	9.00	1,800	Ton	35.00	63,000.
	Persians	66	9.00	594	Ton	20.00	11,800.
	Watermelons	773	12.00	9,276	Ton	30.00	278,280.
Onions	(Early)	1,761	535.00	942,135	50 lb.	1.80	1,695,843.
	(Late)	703	425.00	298,775	sk.	2.12	633,403.
Peas	(Fresh)	3,747	80.00	299,760	30 lb tub	2.50	749,400.
	(Processed)	1,613	1.25	2,023	Ton	74.00	149,702.
Peppers, Chili	29	10.00	290	Ton	35.00	10,150.	
Spinach	1,365	4.00	5,460	Ton	27.00	147,420.	
Squash	(Market)	164	6.00	984	Ton	25.00	24,600.
	(Stock Feed)	187	10.00	1,870	Ton	6.00	11,220.
Strawberries	15	1,600.00	24,000	12 basket crate	2.82	67,680.	
Tomatoes	(Fresh)		58.53	439,354	32 lb lug	2.94	1,291,701.
	(Round)	18,595	8.25	153,409	Ton	25.00	3,835,225.
	(Pear)	7,507	8.25	61,933	Ton	27.00	1,672,191.
Truck Garden	2,004			Acre	150.00	300,600.	
TOTAL						\$25,454,450.	

SEED CROPS
SAN JOAQUIN COUNTY - 1945

CROP	ACREAGE	PRODUCTION			F.O.B. VALUE	
		PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Alfalfa	390	200.00	78,000	lb.	\$.36	\$ 28,080.
Asparagus Roots	374			Acre	250.00	93,500.
Beans, Red Kidney (Certified)	3,000	13.25	39,750	Cwt.	12.00	477,000.
Cabbage	1	300.00	300	lb.	.85	255.
Casabas	10	250.00	2,500	lb.	.40	1,000.
Carrot	20	230.00	4,600	lb.	.43	1,978.
Leek	20	400.00	8,000	lb.	1.50	12,000.
Lettuce	3	240.00	720	lb.	.50	360.
Nursery	110			Acre	1,500.00	165,000.
Onion	135	260.00	35,100	lb.	1.25	43,875.
Potato (Certified)	792	180.00	142,560	Cwt.	4.00	570,240.
Squash and Pumpkins	107	275.00	29,425	lb.	.30	8,828.
Vetch	24	7.00	168	Cwt.	7.00	1,176.
Watermelon	50	300.00	15,000	lb.	.40	6,000.
TOTAL						\$1,409,292.

The acreage of commercially grown carrot, lettuce and onion seed was greatly reduced this year. There were a number of reasons for this reduction, mainly cancellation of export contracts and the uncertainty of both foreign and domestic markets. There was an increase in the acreage of certified seed potatoes and certified red kidney bean seed.

SAN JOAQUIN COUNTY

YEAR - 1945

APIARY PRODUCTS

Honey	310,480	lbs.	@ .12	\$	37,258.00
Bees Wax	5,250	lbs.	@ .43		2,257.00
Package Bees	2,500	pkg.	@ 1.22		3,050.00
Queen Bees	16,700	bees	@ 1.05		17,535.00
Pollenization	5,200	colonies	@ .82		<u>4,264.00</u>
				\$	64,364.00

LIVESTOCK

*Beef cattle and calves	\$	8,807,202.00
Hogs		1,612,670.00
*Sheep and Wool		<u>1,789,570.00</u>
	\$	12,209,442.00

DAIRY PRODUCTS

*Milk and Milk Products	\$	10,820,181.00
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POULTRY

Chickens	921,861	lbs.	\$	248,902.00
Eggs	3,274,367	doz.		1,309,747.00
Turkeys	3,353,052	lbs.		<u>996,948.00</u>
			\$	2,555,597.00

SUMMARY

Fruit and Nut Crops	\$	44,095,569.00
Field Crops		23,275,652.00
Vegetable Crops		25,454,450.00
Seed Crops		1,409,292.00
Apiary Products		64,364.00
Livestock		12,209,442.00
Dairy Products		10,820,181.00
Poultry Products		<u>2,555,597.00</u>

GRAND TOTAL

\$119,884,547.00

* Includes Federal Subsidy

