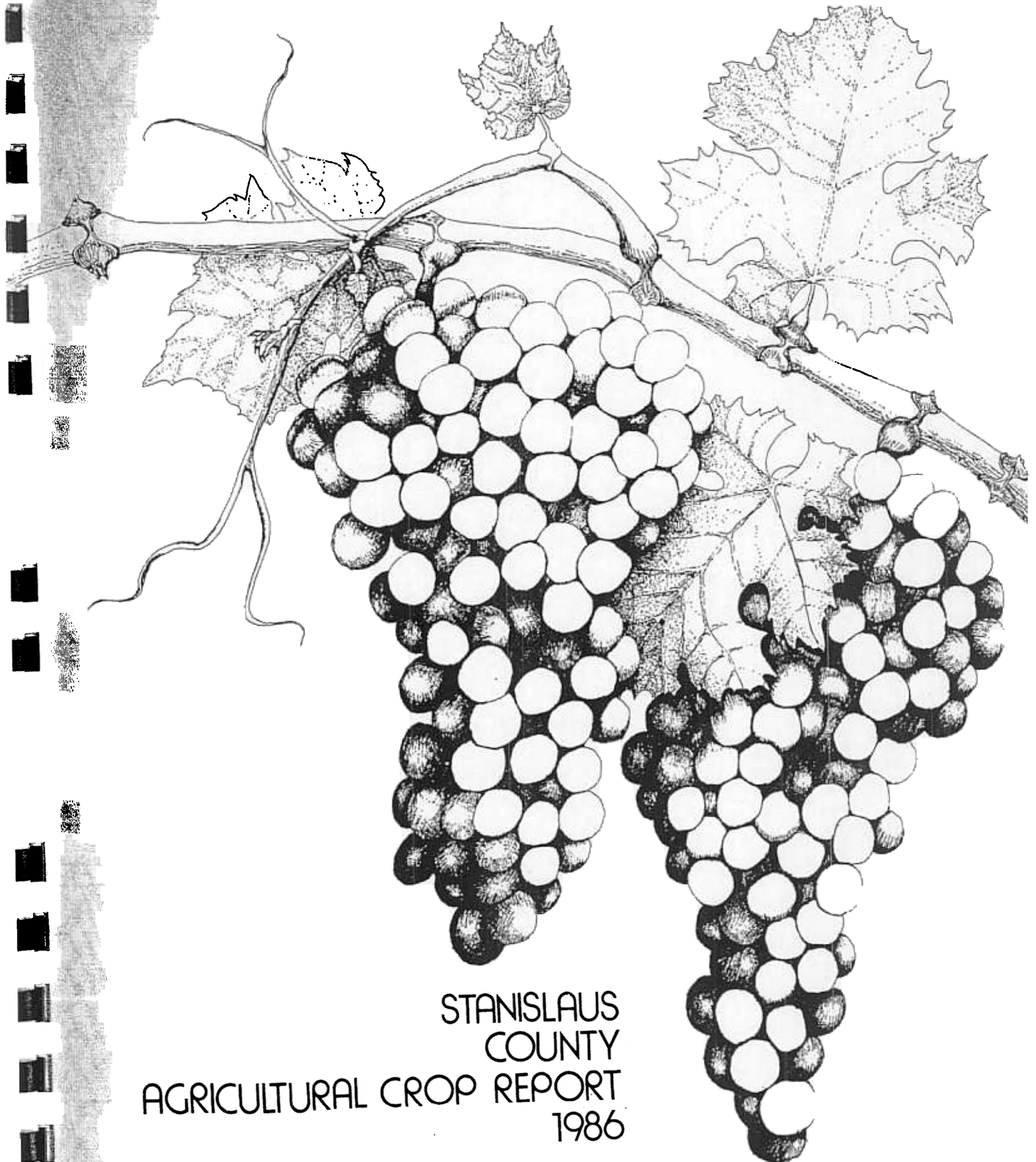


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STANISLAUS
COUNTY
AGRICULTURAL CROP REPORT
1986

STANISLAUS COUNTY DEPARTMENT OF AGRICULTURE

1986 ANNUAL CROP REPORT

Keith L. Mahan
Agricultural Commissioner

Compiled by

Sheree V. Tillema
Senior Agricultural Inspector

Board of Supervisors

Dan Terry	District 1
Rolland C. Starn	District 2
Nick W. Blom	District 3
Raymond C. Simon	District 4
Sal Cannella	District 5

Phillip Rosenberg
Chief Administrative Officer

Pen and Ink Drawings by Adrienne Ellsaesser

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STANISLAUS COUNTY LEADING COMMODITIES

<u>1986 Rank</u>	<u>Commodity</u>	<u>Value</u>	<u>1985 Rank</u>
1	Milk, All	\$211,729,000	1
2	Chickens, All	135,794,000	2
3	Almond Meats	66,442,000	3
4	Chicken Eggs, All	64,447,000	4
5	Cattle & Calves, All	35,722,000	5
6	Walnuts, Inshell	31,860,000	7
7	Tomatoes, All	31,724,000	8
8	Peaches, All	28,740,000	6
9	Turkeys, All	22,012,000	9
10	Grapes, Crushed, All	18,794,000	12

April 1, 1987

Clare Berryhill, Director
California Department of Food and Agriculture

The Honorable Board of Supervisors
Stanislaus County

Gentlemen:

The Stanislaus County Agricultural Crop Report for 1986 is hereby submitted in compliance with Section 2279 of the California Food and Agricultural Code.

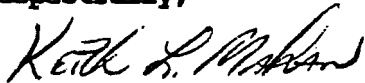
The gross agricultural income for 1986 is estimated to be \$790,763,940. While this figure represents a very slight increase of \$3,591,460, 1986 does rank as the second highest gross income year in Stanislaus County's history.

While the overall gross income increased, some crops did not fare well in 1986. Both almond and apricot crops experienced a decrease of \$11,000,000 and \$7,000,000 respectively, due to unseasonable rains that occurred during the pollination period. Other crops however, such as tomatoes, walnuts, melons and grapes, experienced increases in their gross returns.

Again, we wish to emphasize that this report represents gross income to the growers and does not reflect the cost of production.

We wish to express our appreciation to the many persons who contributed to the preparation of this report, and a special thanks to Sheree Tillema who was responsible for compiling these data.

Respectfully,



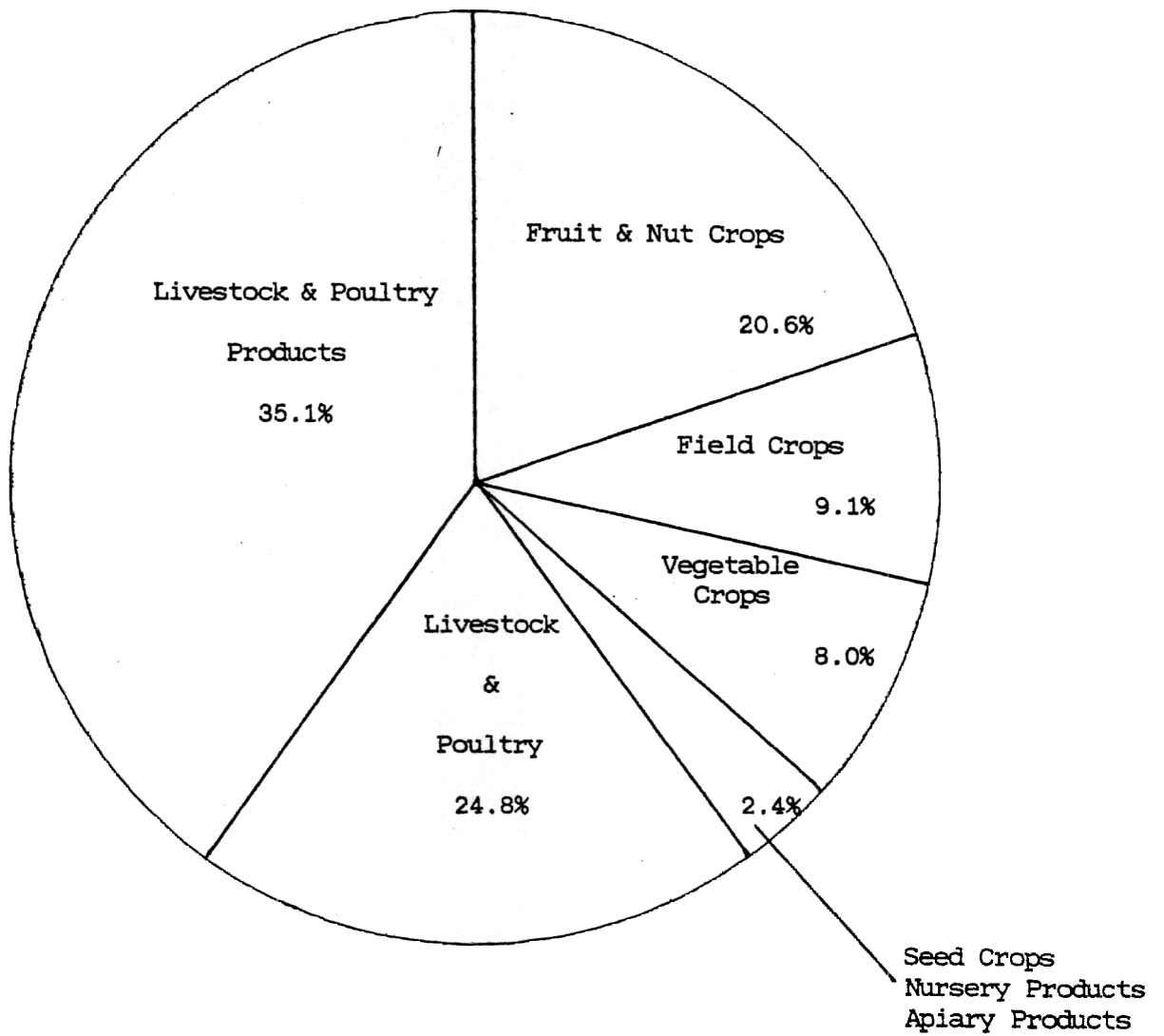
KEITH L. MAHAN
Agricultural Commissioner
Department of Agriculture
Stanislaus County

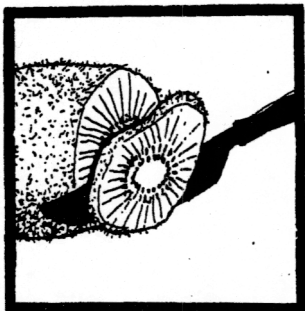


PHILIP P. OSTERLI
Director
Cooperative Extension
Stanislaus County

KLM:bj

CROP REPORT SUMMARY





PERMANENT CROP ACREAGES

	Year	Bearing Acres	Non-Bearing Acres	Total
Almonds	1986	64,134	2,527	66,661
	1985	61,928	4,427	66,355
Apples	1986	304	372	676
	1985	215	417	632
Apricots	1986	8,866	309	9,175
	1985	8,835	410	9,245
Avocados	1986	2	0	2
	1985	2	0	2
Boysenberries	1986	125	0	125
	1985	117	0	117
Cherries	1986	569	167	736
	1985	482	256	738
Citrus	1986	162	46	208
	1985	162	46	208
Figs	1986	7	0	7
	1985	7	0	7
Grapes, All	1986	17,244	435	17,679
	1985	17,436	885	18,321
Raisin	1986	1,889	2	1,891
	1985	2,103	13	2,116
Table	1986	33	0	33
	1985	33	0	33
Wine, Black	1986	6,700	165	6,865
	1985	7,000	165	7,165
Wine, White	1986	8,622	268	8,890
	1985	8,300	707	9,007
Guava/Feijoa	1986	0	8	8
	1985	0	8	8
Kiwi	1986	265	6	271
	1985	250	21	271

PERMANENT CROP ACREAGES Continued

	Year	Bearing Acres	Non-Bearing Acres	Total
Nectarines	1986	113	14	127
	1985	123	14	137
Olives	1986	72	0	72
	1985	72	0	72
Peaches, All	1986	10,562	481	11,043
	1985	10,667	495	11,162
Cling	1986	9,462	443	9,905
	1985	9,517	467	9,984
Freestone	1986	1,100	38	1,138
	1985	1,150	28	1,178
Pears	1986	248	1	249
	1985	255	0	255
Pecans	1986	9	37	46
	1985	9	37	46
Persimmons	1986	14	2	16
	1985	14	2	16
Pistachios	1986	59	66	125
	1985	59	10	69
Plums	1986	15	45	60
	1985	14	11	25
Prunes	1986	95	56	151
	1985	103	44	147
Walnuts	1986	23,237	2,055	25,292
	1985	22,373	3,031	25,404
Total	1986	126,102	6,627	132,729
	1985	123,123	10,114	133,237



FRUIT & NUT CROPS

	Year	Harvested Acres	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Almond Meats	1986	64,134	518.00	33,221,000	LBS	\$ 2.00	\$ 66,442,000
(Rev)	1985	61,928	1,615.00	100,014,000	LBS	.76	76,011,000
Almond Hulls	1986			30,000	TON	40.00	1,200,000
	1985			85,000	TON	40.00	3,400,000
Apples	1986	304	6.63	2,020	TON	444.00	897,000
	1985	215	4.29	922	TON	518.00	478,000
Apricots	1986	8,866	2.50	22,200	TON	285.00	6,327,000
	1985	8,500	7.91	67,200	TON	204.00	13,709,000
Boysenberries	1986	125	3.75	469	TON	1,620.00	760,000
	1985	117	5.23	612	TON	1,410.00	863,000
Cherries	1986	569	3.84	2,180	TON	1,940.00	4,229,000
	1985	482	4.78	2,300	TON	1,090.00	2,507,000
Grapes, Crushed	1986	17,211		149,800	TON		18,794,000
All (Rev)	1985	16,250		132,500	TON		17,037,000
Black Varieties	1986	6,700	8.60	57,600	TON	123.00	7,085,000
	1985	6,500	8.49	55,200	TON	121.00	6,679,000
White Var. (Rev)	1986	10,511	8.77	92,200	TON	127.00	11,709,000
	1985	9,750	7.93	77,300	TON	134.00	10,358,000
Kiwi	1986	265	4.33	1,150	TON	1,810.00	2,082,000
	1985	250	2.50	625	TON	1,020.00	638,000
Nectarines	1986	113	7.82	884	TON	320.00	283,000
(Rev)	1985	123	8.00	984	TON	240.00	236,000
Peaches, All	1986	10,562		171,700	TON		28,740,000
	1985	10,667		175,900	TON		31,434,000
Cling	1986	9,462	16.20	153,000	TON	170.00	26,010,000
	1985	9,517	16.40	156,000	TON	183.00	28,548,000
Freestone	1986	1,100	17.00	18,700	TON	146.00	2,730,000
	1985	1,150	17.30	19,900	TON	145.00	2,886,000
Walnuts, In-Shell	1986	23,237	1.27	29,500	TON	1,080.00	31,860,000
	1985	22,373	1.51	33,800	TON	758.00	25,620,000

*(Rev) means revised

FRUIT & NUT CROPS Continued

		Production			Value	
Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total
Miscellaneous (1)	1986	727		ACRE	1,980.00	1,439,000
(Rev)	1985	994		ACRE	1,360.00	1,352,000
Total	1986	126,113				\$163,053,000
(Rev)	1985	121,899				173,285,000

(1) Includes Avocados, Citrus, Figs, Olives, Pears, Pecans, Persimmons, Pistachios, Plums, Prunes, Raisin Grapes (1985), Strawberries, Table Grapes



FIELD CROPS



		Production			Value		
Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total	
Barley	1986	4,900	.99	4,850	TON	\$ 88.40	\$ 429,000
	1985	5,032	1.31	6,590	TON	109.00	718,000
Beans, Dry Edible, All	1986	32,780		37,490	TON		17,250,000
	1985	33,715		43,900	TON		18,865,000
Blackeyes	1986	10,382	.89	9,240	TON	566.00	5,230,000
	1985	6,700	.90	6,030	TON	368.00	2,219,000
Baby Limas	1986	12,700	1.24	15,700	TON	400.00	6,280,000
	1985	6,475	1.41	9,130	TON	327.00	2,986,000
Large Limas	1986	7,031	1.28	9,000	TON	480.00	4,320,000
	1985	18,950	1.41	26,700	TON	474.00	12,656,000
Others (1)	1986	2,667	1.33	3,550	TON	400.00	1,420,000
	1985	1,590	1.28	2,040	TON	492.00	1,004,000
Corn, Grain	1986	6,729	4.02	27,100	TON	79.50	2,154,000
	1985	7,336	4.25	31,200	TON	107.00	3,338,000

FIELD CROPS Continued

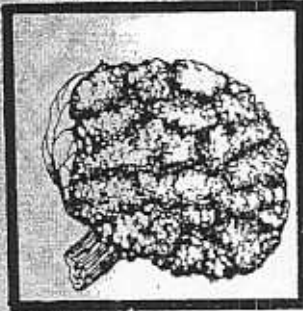
	Year	Harvested Acres	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Hay, Alfalfa	1986	26,146	6.21	162,000	TON	\$ 83.60	\$ 13,543,000
	1985	24,847	6.92	172,000	TON	88.90	15,291,000
Hay, Grain	1986	16,500	3.43	56,600	TON	49.40	2,796,000
	1985	15,000	3.94	59,100	TON	61.80	3,652,000
Hay, Other (2)	1986	2,000	1.38	2,760	TON	50.40	139,000
	1985	4,000	1.50	6,000	TON	53.30	320,000
Pasture, Irrigated	1986	75,500			ACRE	125.00	9,438,000
	1985	75,500			ACRE	125.00	9,438,000
Rangeland	1986	369,000			ACRE	15.00	5,535,000
	1985	369,000			ACRE	16.00	5,904,000
Rice	1986	2,157	3.02	6,510	TON	150.00	976,000
	1985	2,308	3.21	7,410	TON	129.00	956,000
Silage, All	1986	57,000		1,132,000	TON		15,656,000
	1985	64,000		1,283,000	TON		19,504,000
Cereal (3)	1986	22,000	13.60	299,000	TON	12.80	3,827,000
	1985	24,000	13.30	319,000	TON	14.00	4,466,000
Corn	1986	35,000	23.80	833,000	TON	14.20	11,829,000
	1985	40,000	24.10	964,000	TON	15.60	15,038,000
Sudan	1986	694	3.50	2,430	TON	45.00	109,000
	1985	920	3.43	3,160	TON	58.80	186,000
Sugar Beets	1986	3,794	23.20	88,000	TON	33.00	2,904,000
	1985	3,616	19.80	71,600	TON	34.00	2,434,000
Wheat	1986	4,831	2.71	13,100	TON	91.80	1,203,000
	1985	5,016	2.74	13,700	TON	117.00	1,603,000
Miscellaneous (4)	1986	412			ACRE	100.00	41,200
	1985	600			ACRE	159.00	95,400
Total	1986	602,443					\$ 72,173,200
(Rev)	1985	610,890					82,304,400

(1) Includes Florida Butter, Green Baby Lima, Henderson, Jackson, Light Red Kidney, Pinks, Pinto

(2) Includes Bean, Pea, Volunteer

(3) Includes Barley, Forage Mix, Oats, Wheat

(4) Includes Popcorn, Straw, Sunflowers



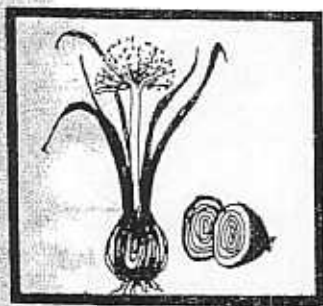
VEGETABLE CROPS

	Year	Harvested Acres	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Beans, Green Lima	1986	10,000	1.67	16,700	TON	\$ 372.00	\$ 6,212,000
	1985	11,000	1.76	19,400	TON	386.00	7,488,000
Beans, Snap	1986	2,302	3.46	7,960	TON	190.00	1,512,000
	1985	1,250	2.83	3,540	TON	210.00	743,000
Broccoli	1986	750	2.99	2,240	TON	353.00	791,000
	1985	406	2.67	1,080	TON	330.00	356,000
Cauliflower	1986	1,280	4.31	5,520	TON	411.00	2,269,000
	1985	996	4.53	4,510	TON	440.00	1,984,000
Melons, All	1986	6,282		58,080	TON		10,513,000
	1985	5,920		51,310	TON		6,590,000
Cantaloupe	1986	1,020	10.30	10,500	TON	194.00	2,037,000
	1985	550	9.40	5,170	TON	148.00	765,000
Casaba	1986	250	8.75	2,190	TON	193.00	423,000
	1985	270	5.85	1,580	TON	122.00	193,000
Cranshaw	1986	315	9.53	3,000	TON	300.00	900,000
	1985	320	5.40	1,730	TON	215.00	372,000
Honeydew	1986	3,010	8.10	24,400	TON	195.00	4,758,000
	1985	3,020	8.19	24,700	TON	155.00	3,828,000
Other, Musk (1	1986	780	5.63	4,390	TON	238.00	1,045,000
	1985	560	6.31	3,530	TON	163.00	575,000
Watermelon	1986	907	15.00	13,600	TON	99.30	1,350,000
	1985	1,200	12.20	14,600	TON	58.70	857,000
Peas, Green Processing	1986	3,880	1.70	6,600	TON	257.00	1,696,000
	1985	6,150	1.75	10,800	TON	225.00	2,430,000
Peppers	1986	644	19.30	12,400	TON	146.00	1,810,000
	1985	373	19.00	7,090	TON	145.00	1,028,000
Spinach	1986	3,373	9.00	30,400	TON	71.50	2,174,000
	1985	3,042	9.50	28,900	TON	75.00	2,168,000
Squash (2)	1986	674	13.70	9,230	TON	122.00	1,126,000
	1985	580	13.10	7,600	TON	107.00	813,000

VEGETABLE CROPS Continued

	Year	Harvested Acres	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Sweet Potatoes	1986	451	10.10	4,560	TON	\$ 419.00	\$ 1,911,000
	1985	315	10.30	3,240	TON	383.00	1,241,000
Tomatoes, All	1986	12,783		348,100	TON		31,724,000
	1985	12,300		342,400	TON		23,668,000
Fresh	1986	2,533	15.05	38,100	TON	412.00	15,697,000
	1985	1,200	12.80	15,400	TON	369.00	5,683,000
Processing	1986	10,250	30.20	310,000	TON	51.70	16,027,000
	1985	11,100	29.50	327,000	TON	55.00	17,985,000
Miscellaneous (3) (Rev)	1986	1,210			ACRE	1,200.00	1,452,000
	1985	1,271			ACRE	1,520.00	1,932,000
Total (Rev)	1986	43,629					\$ 63,190,000
	1985	43,603					50,441,000

- (1) Includes Juan Canary, Orange Flesh, Persian, Santa Claus
 (2) Includes Banana and Zucchini Squash, Pumpkins
 (3) Includes Cabbage, Carrots, Cucumbers, Lettuce, Onions, Spices, Table Beets



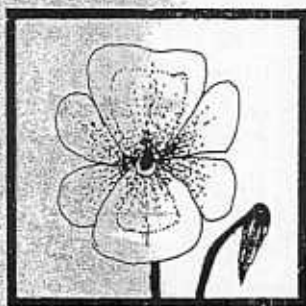
SEED CROPS

	Year	Harvested Acres	Unit	Value	
				Per Unit	Total
Vegetable	1986	300	ACRE	\$ 600.00	\$ 180,000
	1985	400	ACRE	812.00	325,000

SEED CROPS Continued

				Value	
	Year	Harvested Acres	Unit	Per Unit	Total
Other (1)	1986	3,500	ACRE	\$ 478.00	\$ 1,673,000
	(Rev) 1985	4,625	ACRE	577.00	2,669,000
Total	1986	3,800			\$ 1,853,000
	(Rev) 1985	5,025			2,994,000

(1) Includes Beans, Grass, Oats



NURSERY PRODUCTS

			Production		Value	
	Year	Field Acres	Quantity Sold	Unit	Per Unit	Total
Deciduous Fruit & Nut Trees & Vines	1986	240	2,151,000	PLNT	\$ 3.19	\$ 6,862,000
	1985	277	2,412,000	PLNT	3.12	7,525,000
Ornamental Trees & Shrubs (1)	1986	61	1,526,000	PLNT	1.93	2,945,000
	(Rev) 1985	57	1,559,000	PLNT	1.65	2,572,000
Christmas Trees	1986		8,050	TREE	18.60	150,000
	(Rev) 1985		7,100	TREE	19.50	138,000
Miscellaneous (2)	1986	482		ACRE	6,990.00	3,369,000
	1985	400		ACRE	7,480.00	2,992,000
Total	1986	783				\$ 13,326,000
	(Rev) 1985	734				13,227,000

(1) Includes Broadleaf Evergreens, Coniferous Evergreens (except Christmas Trees), Deciduous Shade Trees and Shrubs

(2) Includes Bedding, Fruit and Vegetable Plants, Cut Decoratives, House Plants, Turf



APIARY PRODUCTS

	Year	Production		Unit	Value	
		Total			Per Unit	Total
Beeswax	1986	9,680		LBS	\$.82	\$ 7,940
	1985	5,800		LBS	.98	5,680
Bulk Bees	1986	40,000		LBS	4.00	160,000
	1985	40,000		LBS	4.00	160,000
Honey	1986	330,000		LBS	.59	195,000
	1985	320,000		LBS	.56	179,000
Pollination	1986	141,000		COL	23.60	3,328,000
	1985	137,000		COL	25.10	3,439,000
Queen Bees	1986	38,800		EACH	5.24	203,000
	1985	39,065		EACH	4.74	185,000
Total	1986					\$ 3,893,940
	1985					3,968,680



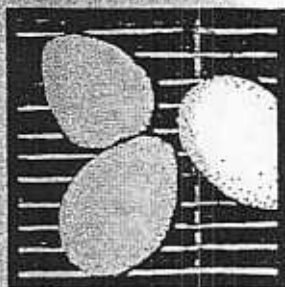
LIVESTOCK & POULTRY

	Year	Production		Unit	Value	
		Number Of Head	Total Liveweight		Per Unit	Total
Cattle & Calves, All	1986	168,280	835,900	CWT	\$	\$ 35,722,000
	1985	161,980	714,700	CWT		35,442,000
Beef Feeders (1)	1986	91,975	338,000	CWT	54.80	18,522,000
	1985	96,975	366,000	CWT	58.40	21,374,000

LIVESTOCK & POULTRY Continued

	Year	Production		Unit	Value	
		Number Of Head	Total Liveweight		Per Unit	Total
Beef Slaughter (2)	1986	42,905	93,900	CWT	\$ 31.30	\$ 2,939,000
	1985	42,905	82,700	CWT	51.10	4,226,000
Dairy Slaughter (3)	1986	33,400	404,000	CWT	35.30	14,261,000
	1985	22,100	266,000	CWT	37.00	9,842,000
Sheep & Lambs	1986	7,410	8,150	CWT	68.60	559,000
	1985	7,410	8,150	CWT	68.30	557,000
Hogs & Pigs	1986	16,350	30,600	CWT	57.80	1,769,000
	1985	16,350	30,600	CWT	49.70	1,521,000
Chickens, All	1986	205,346,000				135,794,000
	1985	191,002,000				118,433,000
Chickens	1986	57,913,000	263,101,000	LBS	.32	84,192,000
	1985	53,313,000	253,237,000	LBS	.31	78,503,000
Chicks	1986	147,433,000		EACH	.35	51,602,000
	1985	137,689,000		EACH	.29	39,930,000
Turkeys, All	1986	4,712,000				22,012,000
	1985	4,166,000				21,625,000
Turkeys	1986	2,296,000	47,579,000	LBS	.42	19,983,000
	1985	2,030,000	42,011,000	LBS	.47	19,745,000
Poults	1986	2,416,000		EACH	.84	2,029,000
	1985	2,136,000		EACH	.88	1,880,000
Total	1986					\$195,856,000
	1985					177,578,000

- (1) Includes Feedlot and Transient Feeder Gains, Beef Calves
 (2) Includes Beef Cows and Bulls, Veal Calves
 (3) Does not include the Dairy Termination Program



LIVESTOCK & POULTRY PRODUCTS

		Production		Value	
	Year	Total	Unit	Per Unit	Total
Milk, All	1986	18,223,000	CWT	\$	\$211,729,000
	(Rev) 1985	17,785,000	CWT		215,217,000
Manufacturing	1986	1,644,000	CWT	10.80	17,755,000
	(Rev) 1985	1,600,000	CWT	11.10	17,760,000
Market	1986	16,579,000	CWT	11.70	193,974,000
	(Rev) 1985	16,185,000	CWT	12.20	197,457,000
Eggs, Chicken All	1986	101,713,000	DOZ		64,447,000
	1985	103,272,000	DOZ		60,101,000
Hatching	1986	13,132,000	DOZ	1.40	18,385,000
	1985	13,501,000	DOZ	1.26	17,011,000
Market	1986	88,581,000	DOZ	.52	46,062,000
	1985	89,771,000	DOZ	.48	43,090,000
Eggs, Turkey Hatching	1986	2,459,000	EACH	.49	1,205,000
	1985	16,075,000	EACH	.50	8,038,000
Wool	1986	55,600	LBS	.68	37,800
	1985	40,000	LBS	.46	18,400
Total					
	1986				\$277,418,800
(Rev)	1985				283,374,400

SUMMARY

<u>Item</u>	<u>Year</u>	<u>Harvested Acreage</u>	<u>Estimated Value</u>
Fruit & Nut Crops	1986	126,113	\$163,053,000
(Rev)	1985	121,899	173,285,000
Field Crops	1986	602,443	72,173,200
(Rev)	1985	610,890	82,304,400
Vegetable Crops	1986	43,629	63,190,000
(Rev)	1985	43,603	50,441,000
Seed Crops	1986	3,800	1,853,000
(Rev)	1985	5,025	2,994,000
Nursery Products	1986	783	13,326,000
(Rev)	1985	734	13,227,000
Apiary Products	1986		3,893,940
	1985		3,968,680
Livestock & Poultry	1986		195,856,000
	1985		177,578,000
Livestock & Poultry	1986		277,418,800
Products (Rev)	1985		283,374,400
TOTAL	1986	776,768	\$790,763,940
(Rev)	1985	782,151	787,172,480

TEN YEAR SUMMARY IN THOUSANDS OF DOLLARS

	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u> (Rev)	<u>1986</u>
Fruit & Nut Crops	\$132,205	\$152,156	\$207,021	\$200,687	\$177,259	\$173,461	\$120,770	\$177,040	\$173,285	\$163,053
Field Crops	60,061	62,749	84,598	97,969	95,731	82,943	87,978	89,441	82,304	72,173
Vegetable Crops	41,172	32,539	40,258	34,277	40,678	41,401	43,038	47,049	50,441	63,190
Seed Crops	1,096	1,613	2,080	2,692	4,080	2,395	1,625	1,255	2,994	1,853
Nursery Products	9,237	9,123	13,805	12,910	16,333	13,249	18,021	12,763	13,227	13,326
Apiary Products	1,559	1,730	2,450	3,092	4,227	4,226	3,531	3,759	3,969	3,894
Livestock & Poultry	91,984	104,146	136,092	144,120	166,001	150,504	167,411	171,133	177,578	195,856
Livestock & Poultry Products	159,052	169,320	220,291	247,837	276,876	275,458	278,366	292,183	283,374	277,419
TOTALS	\$501,367	\$533,376	\$706,595	\$743,584	\$781,185	\$743,637	\$720,740	\$794,623	\$787,172	\$790,764