

AGRICULTURAL CROP & LIVESTOCK REPORT

1990



SACRAMENTO COUNTY
DEPARTMENT OF AGRICULTURE



COUNTY OF SACRAMENTO

FRANK E. CARL
AGRICULTURAL COMMISSIONER
DIRECTOR OF WEIGHTS AND MEASURES

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March 25, 1991

HENRY VOSS, DIRECTOR
California Department of Food and Agriculture

THE HONORABLE BOARD OF SUPERVISORS
County of Sacramento

The estimated gross value of agricultural production in Sacramento County during 1990 was \$236,357,000, up 9% from 1989, an all time record value for the County.

The largest increase this year was in the pear industry with a \$6.5 million dollar gain over last year's values. The increase was due to increased production and somewhat higher values in both the processing market and the fresh market.

Cattle and calves also posted an increase of almost \$4 million, the result of a combination of increased prices and herd reductions due to continued drought, resulting in larger numbers of marketed beef.

Most other crops had modest gains with very few showing any significant reduction in value. Sugar beets were the only exception with decreased yields resulting in a reduction of almost \$1 million revenue.

The continued growth of the turkey industry and a significant aquaculture industry resulted in the addition of these two items to our annual crop report. Information regarding organic farming, integrated pest management and biological control activities in Sacramento County has also been included.

Please allow me to remind you that the values in this crop report are gross values. For the most part inflation, resulting in increased production and marketing costs, has far outstripped the increased prices our growers are receiving for their goods. Increased value certainly does not equate with increased profit for the farmer.

I would like to thank the growers and people in the industry who provided the information that made this report possible.

Respectfully Submitted,

Frank E. Carl
Agricultural Commissioner

PERSONNEL

SACRAMENTO COUNTY

DEPARTMENT OF AGRICULTURE

FRANK E. CARL

AGRICULTURAL COMMISSIONER

ANNUAL CROP REPORT

For Year 1990

Compiled By

KEITH E. MILLER

Deputy Agricultural Commissioner

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- SANDRA R. SMOLEY DISTRICT 3
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Account Clerk II

GROSS VALUE OF AGRICULTURAL PRODUCTION 1980-1990

Year	Gross Value of Agricultural Production
1990	\$ <u>236,357,000</u>
1989	<u>216,769,000</u>
1988	<u>199,547,000</u>
1987	<u>180,574,100</u>
1986	<u>181,416,800</u>
1985	<u>191,369,600</u>
1984	<u>182,523,000</u>
1983	<u>167,772,000</u>
1982	<u>181,985,000</u>
1981	<u>208,846,000</u>
1980	<u>221,600,400</u>

THE TEN LEADING FARM COMMODITIES - 1990

1.	MILK	\$ 37,358,000
2.	PEARS	35,672,000
3.	CATTLE AND CALVES	31,735,000
4.	ORNAMENTAL NURSERY STOCK	20,100,000
5.	CORN	12,110,000
6.	PROCESSED TOMATOES	12,045,000
7.	GRAPES, WINE	11,904,000
8.	WHEAT	9,570,000
9.	TURKEYS	7,816,000
10.	HAY, ALFALFA	5,530,000

SUMMARY OF PRODUCTION

	1990	VALUE OF PRODUCTION		1989	VALUE OF PRODUCTION
FIELD CROP	1	\$50,249,000	FIELD CROP	1	\$47,235,000
FRUIT & NUT CROPS	2	49,142,000	FRUIT & NUT CROPS	2	40,494,000
LIVESTOCK & POULTRY	3	47,591,000	LIVESTOCK & POULTRY	3	40,438,000
LIVESTOCK & POULTRY PRO.	4	37,633,000	LIVESTOCK & POULTRY PRO.	4	37,821,000
NURSERY PRODUCTS	5	25,335,000	NURSERY PRODUCTS	5	27,138,000
VEGETABLE CROPS	6	21,119,000	VEGETABLE CROPS	6	18,310,000
SEED CROPS	7	5,218,000	SEED CROPS	7	5,231,000
APIARY	8	70,000	APIARY	8	102,000

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE 1989-90

ITEM	YEAR	PRODUCTION			UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
BARLEY	1990	900	2.0	1,800	TON	\$115.00	\$ 207,000
	1989	750	2.2	1,650	TON	114.00	188,000
BEANS, DRY	1990	1,450	1.0	1,450	TON	540.00	783,000
	1989	-0-	-0-	-0-	-0-	-0-	-0-
BEETS, SUGAR	1990	5,500	24.0	132,000	TON	39.00	5,148,000
	1989	5,400	30.0	162,000	TON	38.00	6,156,000
CORN, FIELD	1990	23,400	4.5	105,300	TON	115.00	12,110,000
	1989	24,000	4.5	108,000	TON	110.00	11,880,000
CORN SILAGE	1990	7,800	24.0	187,000	TON	24.00	4,488,000
	1989	5,600	25.0	140,000	TON	20.00	2,800,000
HAY, ALFALFA	1990	7,900	7.0	55,300	TON	100.00	5,530,000
	1989	6,200	7.0	43,400	TON	90.00	3,906,000
HAY, GRAIN	1990	2,800	2.5	7,000	TON	70.00	490,000
	1989	3,000	2.0	6,000	TON	60.00	360,000
HAY, OTHER	1990	2,500	1.0	2,500	TON	50.00	125,000
	1989	4,000	1.0	4,000	TON	40.00	160,000
OATS	1990	700	1.0	700	TON	180.00	126,000
	1989	500	1.2	600	TON	200.00	120,000
PASTURE IRRIGATED	1990	27,000			ACRE	120.00	3,240,000
	1989	29,000			ACRE	110.00	3,190,000
RANGE	1990	95,000			ACRE	8.00	760,000
	1989	96,000			ACRE	8.00	768,000
RICE	1990	9,600	3.9	37,440	TON	140.00	5,242,000
	1989	11,500	4.0	46,000	TON	120.00	5,520,000
SAFFLOWER	1990	4,500	1.2	5,400	TON	280.00	1,512,000
	1989	2,500	1.5	3,750	TON	280.00	1,050,000
SUNFLOWER	1990	1,200	1.1	1,320	TON	400.00	528,000
	1989	-0-	-0-	-0-	-0-	-0-	-0-
WHEAT	1990	29,000	3.0	87,000	TON	110.00	9,570,000
	1989	28,000	3.0	84,000	TON	120.00	10,080,000
MISC. FIELD**	1990	350					390,000
	1989	1,830					982,000
TOTAL	1990	219,600					\$50,249,000
	1989	218,580					47,235,000

*97600 + Range 95,000
Pasture 27,000*

** Includes: Milo (Grain, Sorghum) and Wild Rice.

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE, 1989-90

ITEM	YEAR	PRODUCTION			UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
GRAPES, WINE	1990	6,200	6.0	37,200	TON	\$ 320.00	\$11,904,000
	1989	4,720	5.5	26,000	TON	400.00	10,400,000
PEARS, BARTLETT	1990	6,610	21.0	139,000	TON		35,672,000
	1989	6,320	19.0	120,000	TON		29,160,000
PROCESSED	1990			104,000	TON	233.00	(24,232,000)
	1989			96,000	TON	230.00	(22,000,000)
FRESH FOB	1990			24,000	TON	440.00	(10,560,000)
	1989			16,000	TON	400.00	(6,400,000)
JUICE (Ferment)	1990			11,000	TON	80.00	(880,000)
	1989			8,000	TON	85.00	(680,000)
WALNUTS	1990	160	1.1	176	TON	900.00	158,000
	1989	160	.9	144	TON	1,000.00	144,000
MISC.*	1990	660					1,408,000
	1989	580					790,000
TOTAL	1990	13,630					\$49,142,000
	1989	11,780					40,494,000

*Includes: Apples, Almonds, Cherries, Peaches, Plums, Pistachios, Kiwi and Olives

SEED CROPS: ACREAGE, PRODUCTION AND VALUE, 1989-90

ITEM	YEAR	PRODUCTION			UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
CLOVER, LADINO	1990	2,400	320.0	768,000	LB	\$ 1.55	\$1,190,000
	1989	2,450	440.0	1,078,000	LB	1.35	1,455,000
OATS	1990	250	.8	200	TON	220.00	44,000
	1989	400	.5	200	TON	210.00	42,000
RICE	1990	500	3.8	1,900	TON	220.00	418,000
	1989	400	3.5	1,400	TON	150.00	210,000
SAFFLOWER	1990	1,800	1.0	1,800	TON	220.00	396,000
	1989	2,200	1.0	2,200	TON	300.00	660,000
SUDAN, CERTIFIED	1990	3,300	2,500	8,250,000	LB	.24	1,980,000
	1989	3,400	2,600	8,840,000	LB	.24	2,122,000
SUDAN, HYBIRD	1990	1,100	2,600	2,860,000	LB	.28	801,000
	1989	500	2,800	1,400,000	LB	.30	420,000
WHEAT	1990	420	2.6	1,092	TON	120.00	131,000
	1989	500	2.0	1,000	TON	120.00	120,000
MISC.*	1990	630					258,000
	1989	460					202,000
TOTAL	1990	10,400					\$5,218,000
	1989	10,310					5,231,000

*Includes: Alfalfa, Beans, Vegetables and Other Clovers

NURSERY PRODUCTS: ACRES AND VALUE, 1989-90

ITEM	YEAR	HARVESTED		VALUE
		ACREAGE		
ORNAMENTAL	1990	440		\$20,100,000
NURSERY STOCK	1989	410		22,368,000
TURF GRASS	1990	550		4,950,000
SOD	1989	600		4,500,000
CHRISTMAS TREES	1990	110		285,000
	1989	105		270,000
TOTAL	1990	1,100		\$25,335,000
	1989	1,115		27,138,000

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE, 1989-90

ITEM	YEAR	PRODUCTION			VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
ASPARAGUS	1990	820	1.0	820	TON	\$1,200.00	\$ 984,000
	1989	700	.8	560	TON	1,300.00	728,000
BELL PEPPER	1990	720	12.0	8,640	TON	140.00	1,210,000
	1989	700	12.0	8,400	TON	150.00	1,260,000
CABBAGE	1990	40	14.0	560	TON	270.00	151,000
	1989	50	15.0	750	TON	260.00	195,000
LETTUCE, HEAD/LEAF	1990	50	5.0	250	TON	460.00	115,000
	1989	90	5.0	450	TON	460.00	207,000
SQUASH	1990	60	10.0	600	TON	220.00	132,000
	1989	80	10.0	800	TON	220.00	176,000
SWEET CORN	1990	400	4.0	1,600	TON	400.00	640,000
	1989	560	4.2	2,352	TON	340.00	799,000
TOMATOES, FRESH	1990	600	12.0	7,200	TON	500.00	3,600,000
	1989	340	14.0	4,760	TON	400.00	1,904,000
TOMATOES, PROCESSED	1990	7,300	30.00	219,000	TON	55.00	12,045,000
	1989	7,700	27.0	208,000	TON	52.00	10,816,000
MISCELLANEOUS*	1990	480					2,242,000
	1989	550					2,225,000
TOTAL	1990	10,470					\$21,119,000
	1989	10,770					18,310,000

*Chinese vegetables, green onions, bean sprouts, and pumpkins

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE 1989-90

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
MILK-MARKET	1990	3,068,000	CWT	\$11.96	\$36,693,000
	1989	2,932,000	CWT	12.35	36,210,000
MIKE MANUFACTURING	1990	59,760	CWT	11.13	665,000
	1989	66,000	CWT	11.60	766,000
WOOL	1990	90,000	LB	1.50	135,000
	1989	104,000	LB	1.50	156,000
EGGS, MARKET	1990	200,000	DOZ	.70	140,000
	1989	1,094,000	DOZ	.63	689,000
TOTAL	1990				\$37,633,000
	1989				37,821,000

APIARY PRODUCTS: VALUE 1989-90

APIARY PRODUCTS*	1990	\$ 70,000
	1989	102,000

*Includes: Honey, Pollination, Packaged Bees, Queens and Wax

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE, 1989-90

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. OF HEAD	LIVEWEIGHT		PER UNIT	TOTAL
CATTLE & CALVES	1990	67,800	466,000	CWT	\$68.10	\$31,735,000
	1989	67,000	420,000	CWT	66.20	27,804,000
SHEEP & LAMBS	1990	9,000	9,000	CWT	60.00	540,000
	1989	9,400	9,400	CWT	70.00	658,000
HOGS & PIGS	1990	5,000	7,500	CWT	60.00	450,000
	1989	5,800	5,800	CWT	50.00	290,000
BROILERS & FRYERS	1990	1,676,000	6,704,000	LB	.29	1,944,000
	1989	1,662,000	6,648,000	LB	.35	2,327,000
REPLACEMENT PULLETS	1990	190,000		EA	5.00	950,000
	1989	131,000		EA	5.00	655,000
TURKEYS	1990	857,000	20,568,000	LB	.38	7,816,000
	1989	-0-	-0-			-0-
AQUA CULTURE*	1990					2,446,000
	1989					-0-
OTHER LIVESTOCK**	1990					1,710,000
	1989					8,704,000
TOTAL	1990					\$47,591,000
	1989					40,438,000

*Fish: Catfish, Sturgeon, Striped Bass and Minnows

**Includes: Hatcheries, Rabbits and Manure

JANUARY 1 INVENTORY OF LIVESTOCK

ITEM	JANUARY, 1990	JANUARY, 1991
ALL CATTLE & CALVES	127,000	126,000
COWS, DAIRY	26,800	26,100
COWS, BEEF	32,000	31,700
STOCK SHEEP & LAMBS	10,900	9,000
HOGS	700	1,000

SACRAMENTO COUNTY SUSTAINABLE AGRICULTURE REPORTING

BIOLOGICAL CONTROL ACTIVITIES

Introductions or relocations of Biological control agents in Sacramento County during 1990.

PEST	AGENT/MECHANISM	SITES
Ash Whitefly	<u>Encarsia partenopea</u> parasitic wasp	3 experimental
Russian Wheat Aphid	<u>Ahidius matricariae</u> parasitic wasp	1
Puncture Vine	<u>Micrlainus larenyii</u> seed weevil <u>Microlainus lypriformis</u> stem weevil	numerous
Klamath Weed	<u>Chrysolina quadrigemina</u> leaf beetle	3
Russian Thistle	<u>Coleophora klimeschiella</u> case bearing moth	2

PEST EXCLUSION ACTIVITIES

Interceptions of significant pests in shipments entering Sacramento County in 1990.

SOURCE	PEST	SHIPMENTS
U.S. Mail	Big Headed Ant	1
	Magnolia White Scale	1
Nursery Stock	Quack Grass	1
Federal Express	Red Imported Fire Ant	1
	<u>Elateridae Conoserus pallipes</u>	1
	Torpedo Bug	1
House Hold Goods	Gypsy Moth viable life stages	2

ORGANIC FARMING

There is limited Certified Organic Farming activity in Sacramento County. However, many local growers for the Sacramento Certified Farmers Markets, produce fruit and vegetables using no chemical pest control and depend entirely on organic farming methods. Most, if not all, of our commercial producers of agricultural commodities use recognized integrated pest management techniques in their farming operations.