



County of Yolo

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SCOTT T. PAULSEN
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

William J. Lyons Jr., Secretary
California Department of Food and Agriculture
And
The Honorable Board of Supervisors
County of Yolo

It is my pleasure to submit the 1998 Yolo County Agricultural Crop Report. This annual publication is produced in compliance with the provisions of Section 2272 & 2279 of the California Food and Agricultural Code and summarizes the acreage, production and valuation of Yolo County's agricultural commodities. These figures represent gross value of production and do not attempt to reflect net farm income.

The 1998 total gross valuation for all agricultural commodities produced was \$276,645,692. This represents a decrease of 17% from the 1997 gross production value of \$334,805,000. The adverse effects of the El Nino weather pattern contributed to production decreases in many of the commodity groups when compared to the previous year. The most significant being a \$46,004,000 decrease to Field Crops (-40%), \$7,924,000 decrease to Seed Crops (-28%), and a \$2,832,000 decrease to Nursery Products

On the bright side, an increase in acreage resulted in Wine Grape Production being up \$9,452,000 (+25%) as well as Organic Production up \$2,751,692 (+76%).

It must, however, be emphasized that these production figures only partially reflect the overall measure of the economic impact agriculture has on our local economy. Field labor, processing, transporting, marketing and other farm-related services significantly multiply the value agriculture has to Yolo County.

Recognition for the compilation of this report goes to Amy DelBondio and the many staff that assisted in gathering the information. I would also like to thank the agricultural industry and others whose cooperation and assistance contributed in completing this report.

Respectfully submitted,

Scott T. Paulsen
Agricultural Commissioner

YOLO COUNTY

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Agricultural and Standards Technician

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE, 1998-97

CROP	YEAR	PRODUCTION		VALUE			
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Almonds (meats)	1998	5,879	.40	2,352	Ton	\$3,161.12	\$7,434,000
	1997	4,800	.55	2,640	Ton	\$3,034.06	\$8,010,000
Grapes, Wine	1998	8,410	7.37	61,982	Ton	755.65	46,837,000
	1997	6,833	7.48	51,112	Ton	731.43	37,385,000
Prunes Dried	1998	3,248	1.87	6,074	Ton	763.79	4,639,000
	1997	3,539	2.31	8,175	Ton	771.78	6,309,000
Walnuts English	1998	8,003	1.04	8,323	Ton	912.99	7,599,000
	1997	8,957	1.42	12,719	Ton	1,325.43	16,858,000
Miscel- Laneous ¹	1998	909					1,838,000
	1997	1,072					2,389,000
TOTAL	1998	26,449					\$68,347,000
	1997	25,201					\$70,983,000

1 Includes Apples, Apricots, Black Walnuts, Citrus, Figs, Kiwi, Peaches, Pears and Pistachios

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE, 1998-97

CROP	YEAR	PRODUCTION			VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Beans, Dry	1998	1,981	.57	1,129	Ton	\$504.74	\$570,000
	1997	3,632	.66	2,397	Ton	\$637.72	\$1,529,000
Corn, Field	1998	18,518	4.99	92,405	Ton	93.48	8,638,000
	1997	36,915	5.07	187,159	Ton	107.18	20,060,000
Corn, Taco	1998	3,868	3.75	14,487	Ton	115.89	1,679,000
	1997	5,053	3.98	20,111	Ton	121.54	2,444,000
Cotton	1998	2,857	.35	1,000	Ton	1,399.16	1,399,000
	1997	4,418	.55	2,429	Ton	1,466.55	3,564,000
Hay, Alfalfa	1998	42,430	5.95	252,459	Ton	96.62	24,393,000
	1997	33,983	7.26	246,717	Ton	121.61	30,003,000
Hay, Oat	1998	8,802	2.95	25,966	Ton	47.55	1,235,000
	1997	6,018	2.54	15,286	Ton	100.12	1,530,000
Pasture Irrigated	1998	13,000			Acre	90.00	1,170,000
	1997	13,000			Acre	100.00	1,300,000
Pasture Other ¹	1998	136,368			Acre	9.00	1,227,000
	1997	144,950			Acre	9.00	1,305,000
Rice ²	1998	17,816	3.48	62,000	Ton	188.94	11,714,000
	1997	25,800	4.44	114,552	Ton	162.82	18,651,000
Safflower	1998	24,278	.91	22,093	Ton	305.44	6,748,000
	1997	27,040	1.30	35,152	Ton	324.17	11,395,000
Sorghum Grain	1998	4,734	1.30	6,154	Ton	92.46	569,000
	1997	2,897	2.70	7,822	Ton	100.07	783,000
Sugar Beets	1998	1,570	24.51	38,481	Ton	40.51	1,559,000
	1997	4,526	23.15	104,787	Ton	39.92	4,183,000
Wheat	1998	39,014	1.98	77,247	Ton	92.36	7,135,000
	1997	54,836	2.31	126,671	Ton	136.92	17,344,000
Miscellaneous ³	1998	21,273					1,351,000
	1997	20,925					1,300,000
TOTAL	1998	336,509					\$69,387,000
	1997	383,993					\$115,391,000

1 Includes Crop Stubble and Rangeland

2 Includes Seed

3 Includes Screenings, Baled and Oat Straw, Grain and Volunteer Hay, Barley, and Sudangrass

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE, 1998-97
PRODUCTION VALUE

CROP	YEAR	HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Melons	1998	2,333	8.44	19,691	Ton	\$193.85	\$3,817,000
Honeydews	1997	5,324	7.87	41,885	Ton	\$194.52	\$8,147,000
Tomatoes	1998	56,600	29.16	1,650,456	Ton	53.28	87,936,000
Processing	1997	49,200	33.93	1,669,356	Ton	50.67	84,586,000
Miscel- laneous ¹	1998	1,440					4,883,000
	1997	1,800					5,175,000
TOTAL	1998	60,373					\$96,636,000
	1997	56,324					\$97,908,000

ORGANIC PRODUCTION: ACREAGE AND VALUE, 1998-97

ITEM	YEAR	ACREAGE	TOTAL
TOTAL	1998	2,425	\$6,393,000
	1997	1,556	\$3,641,000

NURSERY PRODUCTS: ACREAGE AND VALUE, 1998-97

ITEM	YEAR	ACREAGE	TOTAL
Propagative Stock ²	1998	106	\$389,000
	1997	247	\$2,737,000
Nursery Stock ³	1998	187	2,382,000
	1997	277	2,866,000
TOTAL	1998	293	\$2,771,000
	1997	524	\$5,603,000

1 Includes Asparagus, Cabbage, Lettuce, Spinach, Onion, Fresh Tomatoes, Peppers, Asian Vegetables, Sweet Corn and other Truck Crops

2 Includes Bareroot, Benchgraft, Bud Wood and Cuttings

3 Includes Turf, Trees and Container Stock

CERTIFIED AND NON-CERTIFIED SEED CROPS
ACREAGE AND VALUE, 1998-97

CROP	YEAR	HARVESTED ACREAGE	TOTAL
Certified:			
Small Grain	1998	2,663	\$860,000
	1997	4,650	\$2,675,000
Sunflower	1998	5,831	4,661,000
	1997	5,679	4,557,000
Other ¹	1998	6,392	3,773,000
	1997	5,830	5,916,000
TOTAL (Cert. Seed)	1998	14,886	\$9,294,000
	1997	16,159	\$13,148,000
Non-Certified:			
Small Grain	1998	486	\$170,000
	1997	190	\$67,000
Pasture and Grass	1998	1,989	4,377,000
	1997	1,519	5,447,000
Vine Seed	1998	3,267	4,854,000
	1997	3,875	6,256,000
Other ²	1998	1,971	2,010,000
	1997	2,400	3,711,000
TOTAL (Non- Cert. Seed)	1998	7,713	\$11,411,000
	1997	7,984	\$15,481,000
TOTAL ALL SEED	1998	22,599	\$20,705,000
	1997	24,143	\$28,629,000

1 Includes Alfalfa, Asparagus, Beans, Corn, Cotton, Cowpeas, Safflower, Sudangrass and Watermelon

2 Includes Alfalfa, Asparagus, Beans, Cabbage, Carrot, Collards, Kohlrabi, Onion, Pepper, Safflower, Sunflower, and Tomato

LIVESTOCK AND POULTRY: AVERAGE PRODUCTION AND VALUE 1998-97

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		HEAD	LIVEWEIGHT		PER UNIT	TOTAL
All Cattle and Calves	1998	15,578	116,260	Cwt.	\$64.03	\$7,430,000
	1997	15,512	104,661	Cwt.	\$63.62	\$6,659,000
Lambs	1998	17,056	19,614	Cwt.	74.80	1,467,000
	1997	18,289	21,032	Cwt.	91.60	1,927,000
Slaughter Sheep	1998	4,264	6,183	Cwt.	30.50	130,000
	1997	4,572	6,629	Cwt.	33.80	155,000
Hogs	1998	2,388	4,622	Cwt.	32.89	152,000
	1997	2,488	4,815	Cwt.	52.19	251,000
Poultry, All ¹	1998					948,000
	1997					1,175,000
TOTAL LIVESTOCK AND POULTRY	1998					\$10,127,000
	1997					\$10,167,000

1 Includes Chickens, Turkeys and Game Birds

APIARY, LIVESTOCK AND POULTRY PRODUCTS
PRODUCTION AND VALUE, 1998-97

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		TOTAL			PER UNIT	TOTAL
Milk	1998	98,279		Cwt.	\$15.80	\$1,553,000
	1997	98,248		Cwt.	\$13.66	\$1,342,000
Apiary Products	1998					1,180,000
	1997					1,028,000
Miscellaneous ¹	1998					87,000
	1997					113,000
TOTAL APIARY LIVESTOCK AND POULTRY PRODUCTS	1998					\$2,820,000
	1997					\$2,483,000

1 Includes wool and eggs

Yolo County
Sustainable Agriculture Report

Biological Control

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Scope of Program</u>
Puncture Vine <i>Tribulus terrestris</i>	Seedhead Weevil <i>Microlarinus lareynii</i>	Countywide
Yellow Starthistle	Seedhead Weevil <i>Bangasternus orientalis</i>	Countywide
	Hairy Weevil <i>Eustenopus villosus</i>	Countywide
Ash Whitefly <i>Syphoninus phillyreae</i>	Parasitic Wasps <i>Encarsia partenopea</i>	Countywide

Pest Detection

<u>Pest</u>	<u>Number of Traps</u>	<u>Host</u>
Apple Maggot	61	Apples
Khapra Beetle	432	Stored Food Products

Pest Exclusion

<u>Pest</u>	<u>Type of Shipment</u>	<u>Inspections/Rejections</u>
Various Pests	Truck Shipments	405 inspections
Gypsy Moth	Household Goods Shipments	14 inspections
Various Pests	USPS/UPS Terminal Shipments	524 inspections
Various Pests	Airfreight Shipments	15 inspections

<u>Crops</u>	<u>Mechanism</u>	<u>Scope of Program</u>
Export Commodities	Origin Certification	2,599 certificates issued
Export Seed	Field Inspection	638 sites/12,050 acres

Organic Farming

<u>Number of Farms</u>	<u>Crops</u>	<u>Estimated Acres</u>
35	Various	2,425

S U M M A R Y

<u>Commodity</u>	<u>1997</u>	<u>1998</u>
Fruit and Nut Crops	\$70,983,000	\$68,347,000
Field Crops	115,391,000	69,387,000
Vegetable Crops	97,908,000	96,636,000
Organic Production	3,641,000	6,393,000
Nursery Products	5,603,000	20,705,000
Seed Crops	28,629,000	10,127,000
Livestock and Poultry	10,167,000	2,820,000
Apiary, Livestock and Poultry Products	<u>2,483,000</u>	<u>2,820,000</u>
T O T A L	\$334,805,000	\$276,646,000

TOP 20 COMMODITIES

1. Processing Tomatoes	\$87,936,000
2. Wine Grapes	46,837,000
3. Alfalfa Hay	24,393,000
4. Seed Crops	20,649,000
5. Rice	11,714,000
6. Field Corn	8,638,000
7. English Walnuts	7,599,000
8. Almond	7,434,000
9. Cattle & Calves	7,430,000
10. Wheat	7,135,000
11. Safflower	6,748,000
12. Organic Products	6,392,000
13. Prunes, Dried	4,639,000
14. Honeydew Melons	3,817,000
15. Nursery Products	2,771,000
16. Taco Corn	1,679,000
17. Sugar Beets	1,559,000
18. Milk	1,553,000
19. Lambs	1,467,000
20. Cotton	1,399,000