

**2000
TULARE COUNTY
AGRICULTURAL
CROP & LIVESTOCK
REPORT**







Tulare County Agricultural Commissioner/Sealer

Lenord Craft, Agricultural Commissioner
Sealer of Weights and Measures

Gary Kunkel, Assistant
Commissioner/Sealer

2001

WILLIAM (BILL) J. LYONS, JR., SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE HONORABLE BOARD OF SUPERVISORS
COUNTY OF TULARE

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It is my pleasure to submit the 2000 Tulare County Crop and Livestock Report. The annual report is produced in accordance with Sections 2272 and 2279 of the California Food and Agriculture Code and summarizes the acreage, production, and value of Tulare County's agricultural commodities. The figures herein, represent gross returns to the producer and do not reflect actual net profit.

Total value for all agricultural commodities was unable to surpass the record \$3.078 billion mark set just last year, but came very close with a total value of **\$3,068,648,200**. This represents a mere 9.5 million-dollar decrease from 1999.

For the second year the price of market milk has continued its downward trend; tumbling \$1.95 per hundred-weight in 2000 alone. The increase in milk volume due to larger herd numbers could not offset this decline in price, resulting in a 63 million-dollar reduction from 1999. Improved cattle prices, however, helped to offset this loss with a 43 million-dollar increase.

As the citrus yields recovered from the 1998-1999 freeze, this commodity improved over \$100,000,000 in oranges alone, despite lower revenues to growers. This enabled oranges to overtake grapes to be the number two commodity this year. Grapes, suffering from lower prices in raisin and wine varieties, declined 23.6 million dollars in total value from 1999.

Tulare County agriculture is dynamic and reflects the changing demands and tastes of consumers and export markets. The growing global market is beginning to dictate the types of products grown locally. Farmers, handlers, and ranchers continue to assess and modify the way they do business to improve both the quality and sustainability of farm products.

I wish to express my sincere appreciation to the many producers, processors, and agencies, both private and governmental, who supported our efforts in producing this report. I would also like to thank all the members of my staff, particularly Diana Schnelbach, Bob Chilton, and Dennis Haines whose input and hard work made the publication of this report possible.

Respectfully submitted,

Lenord L. Craft
Agricultural Commissioner/Sealer



Dawn Liane Boland-McHugh

Dawn Liane Boland-McHugh was born, raised, and educated in Exeter, California. She was active throughout high school in Future Farmers of America and was elected FFA Sweetheart and chapter president during her senior year. She competed in numerous parliamentary and livestock judging events.

Dawn graduated in 1998 from California Polytechnic State University, San Luis Obispo, with a major in Dairy Science and a minor in Ag Business. She became a member of the Los Lecheros Dairy Club and participated in club events, committees, and took part in fit and show contests. As a senior, Dawn was selected by the California Milk Advisory Board to rate grocery store dairy sections throughout California.

She also worked at Campus Conference Services where she planned international tours of the dairy pavilion. With her talent for working with numbers and love for the dairy industry, Dawn combined two senior projects and created a cost analysis of the University's dairy medication expenses from 1992 through 1997. This became the model for the University's record-keeping system in the future. College professors remember her love for life, enthusiastic smile, and determination to meet lofty goals.

After graduation, Dawn worked briefly as a loan officer before coming to work for the Tulare County Agriculture Commissioner family. Dawn had found her niche and looked forward to a long career in agriculture. The 1999 Annual Crop and Livestock Report, which Dawn prepared, was arguably the best ever produced by this office.

Dawn Liane Boland-McHugh passed away on December 21, 2000 at the age of 28. She will forever be missed by her family, friends, and the ag industry. Her zest for life continues in the hearts and minds of all who knew her.

Agricultural Commissioner/Sealer of Weights & Measures

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Photos Provided By:

California Pistachio Commission
Walnut Marketing Board
Almond Board of California

Tulare County Agricultural Offices

TULARE
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DINUBA (2)
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TABLE OF CONTENTS

COUNTY ACREAGE-PERMANENT PLANTINGS	1
FIELD CROPS	2-3
VEGETABLE CROPS	3
FRUIT AND NUT CROPS	4-6
NURSERY PRODUCTS	7
APIARY PRODUCTS	7
LIVESTOCK AND POULTRY	8
LIVESTOCK AND POULTRY PRODUCTS	8
SEED CROPS	9
INDUSTRIAL CROPS	9
HISTORY OF KEY COMMODITIES	9
SUMMARY	10
MILLION DOLLAR PRODUCTS	11
STANDARD CARTON WEIGHTS	12
TWENTY YEAR VALUE COMPARISON	12-13
PRODUCE EXPORT DATA	14-15
ANNUAL SUSTAINABLE AGRICULTURE	16-19
TOTAL VALUE BREAKDOWN	20

TULARE COUNTY ACREAGE-PERMANENT PLANTINGS

	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
CITRUS			
Grapefruit & Pummelos	1,972	459	2,431
Lemons	3,674	29	3,703
Limes	17	0	17
Navels	74,141	3,634	77,775
Valencias	30,610	1,528	32,138
Tangerines	2,604	851	3,455
Total Citrus	113,018	6,501	119,519
DECIDUOUS & GRAPES			
Almonds	15,737	915	16,652
Apples	1,250	9	1,259
Apricots	1,011	57	1,068
Avocados	646	0	646
Cherries	781	768	1,549
Figs	65	0	65
Grapes			
Raisin	33,418	789	34,207
Table	30,698	3,651	34,349
Wine	14,148	1,582	15,730
Kiwifruit	1,834	188	2,022
Nectarines	14,995	2,319	17,314
Olives	16,705	467	17,172
Peaches			
Cling	1,206	82	1,288
Freestone	12,725	1,510	14,235
Pears & Asian Pears	664	0	664
Pecans	898	17	915
Persimmons	892	25	917
Pistachio Nuts	9,579	1,646	11,225
Plums	18,054	1,162	19,216
Pomegranates	1,391	9	1,400
Prunes	7,191	1,460	8,651
Quince	213	34	247
Walnuts	29,200	4,060	33,260
Miscellaneous*	104	358	462
Total Grapes	78,264	6,022	84,286
Total Orchard Crops	248,159	21,587	269,746
GRAND TOTAL	326,423	27,609	354,032

*Includes: Chestnuts, Citron, Dates, Grape Rootstock, Guava/Feijoa, and Plumcots/Plucots/Pluots.

**Many categories in this report may not compute exactly due to rounding.

Field Crops

Total value for field crops declined 3% in 2000. Increased cotton acreage and yields did not offset the 21% decline in lint price. Wheat, however, showed an 10% increase despite a 7,000 acre reduction in planting, the only major field commodity to improve from 1999.

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Alfalfa - Hay	2000	92,888	8.40	780,000	Ton	97.30	75,894,000
	1999	103,000	8.67	893,000	Ton	88.00	78,584,000
Silage ^a	2000	X	2.75	124,000	Ton	22.00	2,728,000
	1999	X	3.25	137,000	Ton	20.00	2,740,000
Barley	2000	3,290	2.70	8,880	Ton	103.00	915,000
	1999	5,140	2.00	10,300	Ton	100.00	1,030,000
Beans - Dry	2000	7,517	1.48	11,100	Ton	449.00	4,984,000
	1999	12,400	1.19	14,800	Ton	400.00	5,920,000
Corn - Grain	2000	19,996	5.50	110,000	Ton	85.00	9,350,000
	1999	17,000	6.00	102,000	Ton	92.00	9,384,000
Silage	2000	90,478	25.70	2,325,000	Ton	18.30	42,548,000
	1999	103,000	25.00	2,575,000	Ton	18.00	46,350,000
Cotton - Lint ^b	2000	79,410	1,410.00	226,000	Bale	64.00	71,660,000
	1999	67,200	1,370.00	186,000	Bale	81.40	74,940,000
Seed	2000	X	X	78,100	Ton	158.00	12,340,000
	1999	X	X	65,100	Ton	140.00	9,114,000
Pasture & Range (Irrigated)	2000	110,281	X	X	Acre	112.00	12,351,000
	1999	92,100	X	X	Acre	112.00	10,315,000
Native	2000	615,000	X	X	Acre	12.00	7,380,000
	1999	615,000	X	X	Acre	12.00	7,380,000
Other	2000	83,385	X	X	Acre	12.00	1,001,000
	1999	62,000	X	X	Acre	12.00	744,000
Silage - Small Grain ^c	2000	64,666	16.00	1,035,000	Ton	16.80	17,388,000
	1999	75,200	17.00	1,278,000	Ton	18.00	23,004,000
Sorghum Grain	2000	211	2.50	528	Ton	90.00	47,500
	1999	839	2.00	1,680	Ton	85.00	143,000
Sudan Grass ^d	2000	6,174	29.30	181,000	Ton	14.80	2,679,000
	1999	6,600	9.90	65,300	Ton	31.40	2,050,000
Sugar Beets	2000	4,262	27.70	118,000	Ton	26.60	3,139,000
	1999	4,500	28.50	128,000	Ton	34.00	4,352,000
Wheat	2000	49,840	2.91	145,000	Ton	98.30	14,254,000
	1999	56,800	2.35	133,000	Ton	97.00	12,901,000

Field Crops continued

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Miscellaneous ^{ef}	2000	5,583	X	X	X	X	3,383,000
	1999	6,235	X	X	X	X	2,731,000
TOTAL	2000	1,232,981					282,041,500
	1999	1,227,014					291,682,000

^a Green weight basis.

^b Yield per acre in pounds lint, production total in 495 lbs net weight bales, unit value in dollars per lint hundredweight.

^c Includes: Barley, Oats, Wheat, and Winter Forage

^d Sudan Grass reported as green chop in 2000. 1999 figures corrected to reflect multiple cuttings of hay.

^e Includes: Bean Screenings & Straw, Oat Grain, Oat Hay, Rye Grain, Safflower, and Straw.

^f 1999 Miscellaneous Acres and Total Acres reflect a correction from last year's publication.

Vegetable Crops

For the third straight year there was a sharp decline in the number of planted acres resulting in a 27% decrease in total value for all vegetable crops.

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Broccoli	2000	1,356	5.21	7,060	Ton	415.00	2,930,000
	1999	1,694	7.06	12,000	Ton	608.00	7,296,000
Cauliflower	2000	373	7.81	2,910	Ton	535.00	1,557,000
	1999	1,496	4.65	6,960	Ton	875.00	6,090,000
Cucumbers	2000	131	12.80	1,680	Ton	850.00	1,428,000
	1999	133	13.10	1,740	Ton	680.00	1,183,000
Snap Beans - Fresh	2000	1,036	2.38	2,470	Ton	1,810.00	4,471,000
	1999	2,281	3.94	8,990	Ton	1,600.00	14,384,000
Sweet Corn	2000	316	8.13	2,570	Ton	422.00	1,085,000
	1999	386	7.50	2,900	Ton	220.00	638,000
Tomatoes - Fresh	2000	383	17.20	6,590	Ton	428.00	2,821,000
	1999	486	17.00	8,260	Ton	552.00	4,560,000
Miscellaneous ^a	2000	4,571	X	X	X	X	21,186,000
	1999	5,157	X	X	X	X	14,732,000
TOTAL	2000	8,166					35,478,000
	1999	11,633					48,883,000

^aIncludes: Artichokes, Asparagus, Assorted Peppers, Basil, Beets, Bitter Melon, Bok Choy, Cabbage, Cactus, Calinary, Camote, Cardise, Carrots, Celery, Chayote, Chong Sun, Cilantro, Coletis, Collards, Daikon, Dill, Eggplant, Garlic, Gourds, Horseradish, Kale, Lettuce, Cantaloupe Melons, Honeydew Melons, Other Melons, Nutako, Okra, Onions, Pallang, Parsley, Peas, Pechoy, Pimento, Potatoes, Pumpkins, Radishes, Sinqa, Spinach, Squash, Sunflowers, Taro, Tomatillos, Processed Tomatoes, Turnips, Watermelon, Yachoy, Yams, Zucchini

Fruit and Nut Crops

Significant for 2000 was the increase in non-bearing acres as a result of varietal changes and extensive replanting. Plums, olives, and grapes each decreased over 1,000 harvested acres from 1999. Despite poor orange prices, this commodity saw a large increase in total value over 1999. This was due to the recovery to normal yields following the 1998-1999 crippling freeze. Of particular note was the substantial increase seen in the total value for both kiwifruit and tangerines, up 74% and 86%, respectively.

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Almonds - Meats	2000	15,737	0.79	12,400	Ton	1,960.00	24,304,000
	1999	16,009	0.97	15,500	Ton	1,590.00	24,645,000
Hulls	2000	X	X	31,400	Ton	75.00	2,355,000
	1999	X	X	39,400	Ton	60.00	2,364,000
Apples	2000	1,250	7.88	9,850	Ton	644.00	6,343,000
	1999	1,668	10.90	18,200	Ton	685.00	12,467,000
Apricots	2000	1,011	9.16	9,260	Ton	953.00	8,825,000
	1999	1,102	5.31	5,850	Ton	1,390.00	8,132,000
Avocados	2000	646	3.34	2,160	Ton	640.00	1,382,000
	1999	646	1.75	1,130	Ton	1,380.00	1,559,000
Cherries	2000	781	1.56	1,220	Ton	6,820.00	8,320,000
	1999	809	2.28	1,840	Ton	4,210.00	7,746,000
Grapes - Total	2000	78,264	X	X	X	X	419,088,000
	1999	81,334	X	X	X	X	442,652,000
Raisin Varieties	2000	33,418	9.49	X	X	X	X
	1999	33,990	8.23	X	X	X	X
Canned	2000	X	X	23,400	Ton	240.00	5,616,000
	1999	X	X	20,900	Ton	201.00	4,201,000
Crushed ^a	2000	X	X	61,500	Ton	148.00	9,102,000
	1999	X	X	52,100	Ton	195.00	10,160,000
Dried ^b	2000	X	X	38,800	Ton	1,025.00	39,770,000
	1999	X	X	32,400	Ton	1,230.00	39,852,000
Fresh	2000	X	X	65,800	Ton	973.00	64,023,000
	1999	X	X	71,640	Ton	1,160.00	83,102,000
Table Varieties	2000	30,698	9.23	X	X	X	X
	1999	32,352	9.51	X	X	X	X
Crushed	2000	X	X	42,400	Ton	94.80	4,020,000
	1999	X	X	68,900	Ton	176.00	12,126,000
Fresh	2000	X	X	241,000	Ton	1,060.00	255,460,000
	1999	X	X	239,000	Ton	1,050.00	250,950,000

Fruit and Nut Crops *continued*

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Wine Varieties	2000	14,148	11.40	X	X	X	X
	1999	14,992	10.40	X	X	X	X
Crushed	2000	X	X	154,000	Ton	248.00	38,192,000
	1999	X	X	152,000	Ton	262.00	39,824,000
Juice	2000	X	X	7,190	Ton	404.00	2,905,000
	1999	X	X	4,480	Ton	544.00	2,437,000
Grapefruit - Fresh ^c	2000	1,972	12.30	24,300	Ton	501.00	12,174,000
	1999	2,041	12.50	25,500	Ton	661.00	16,856,000
Kiwifruit	2000	1,834	8.87	16,300	Ton	1,080.00	17,604,000
	1999	2,081	4.46	9,280	Ton	1,090.00	10,115,000
Lemons - Fresh	2000	3,674	9.06	23,000	Ton	854.00	19,642,000
	1999	3,947	9.45	22,000	Ton	822.00	18,084,000
Processed	2000	X	X	10,300	Ton	47.50	489,000
	1999	X	X	15,300	Ton	41.00	627,000
Nectarines - Fresh	2000	14,995	6.66	99,900	Ton	623.00	62,238,000
	1999	16,152	7.29	118,000	Ton	597.00	70,446,000
Olives	2000	16,705	1.39	23,200	Ton	668.00	15,498,000
	1999	18,167	5.45	99,000	Ton	475.00	47,025,000
Oranges - Navel	2000	74,141	15.40	856,000	Ton	415.00	355,240,000
	1999	74,393	8.49	341,000	Ton	698.00	238,018,000
Processed	2000	X	X	285,000	Ton	18.70	5,330,000
	1999	X	X	291,000	Ton	28.00	8,148,000
Oranges - Valencia	2000	30,610	16.70	237,000	Ton	336.00	79,632,000
	1999	31,856	5.34	116,000	Ton	841.00	97,556,000
Processed	2000	X	X	273,000	Ton	40.50	11,056,000
	1999	X	X	54,400	Ton	99.00	5,386,000
Peaches - Cling	2000	1,206	20.20	24,400	Ton	233.00	5,685,000
	1999	1,599	17.00	27,200	Ton	233.00	6,338,000
Freestone - Fresh	2000	12,725	9.66	87,000	Ton	627.00	54,549,000
	1999	12,959	11.70	103,000	Ton	507.00	52,221,000
Processed	2000	X	X	35,900	Ton	200.00	7,180,000
	1999	X	X	48,300	Ton	210.00	10,143,000
Pears & Asian Pears	2000	664	4.81	3,190	Ton	1,760.00	5,614,000
	1999	710	3.87	2,750	Ton	1,510.00	4,152,000
Pecans	2000	898	1.12	1,010	Ton	3,050.00	3,080,000
	1999	934	0.75	700	Ton	2,200.00	1,540,000

Fruit and Nut Crops *continued*

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Persimmons	2000	892	9.10	8,120	Ton	985.00	7,998,000
	1999	821	6.94	5,700	Ton	1,200.00	6,840,000
Pistachio Nuts	2000	9,579	1.11	10,600	Ton	2,100.00	22,260,000
	1999	9,674	0.87	8,420	Ton	2,980.00	25,092,000
Plums - Fresh	2000	18,054	6.14	111,000	Ton	825.00	91,575,000
	1999	19,384	6.88	133,000	Ton	887.00	117,971,000
Pomegranates	2000	1,391	5.16	7,180	Ton	1,060.00	7,611,000
	1999	1,402	2.33	3,270	Ton	1,310.00	4,284,000
Prunes - Processed ^d	2000	7,191	1.42	9,780	Ton	875.00	8,558,000
	1999	8,871	2.04	17,500	Ton	825.00	14,438,000
Fresh ^e	2000	X	X	1,360	Ton	1,440.00	1,958,000
	1999	X	X	1,830	Ton	1,440.00	2,635,000
Quince	2000	213	5.64	1,200	Ton	1,490.00	1,788,000
	1999	214	4.90	1,050	Ton	1,420.00	1,491,000
Tangerines ^f	2000	2,604	9.79	25,500	Ton	944.00	24,072,000
	1999	2,600	5.02	13,100	Ton	990.00	12,969,000
Walnuts	2000	29,200	1.25	36,500	Ton	1,160.00	42,340,000
	1999	30,086	1.51	45,400	Ton	900.00	40,860,000
Miscellaneous ^g	2000	330	X	X	X	X	2,496,000
	1999	206	X	X	X	X	2,138,000
TOTAL	2000	326,567					1,336,284,000
	1999	339,665					1,314,938,000

^a Includes green weight raisins for distillery materials and juice pack.

^b A combined value reflecting free and reserve tonnage.

At the time of this report the bargaining price has not been determined and the Raisin Bargaining Association (RBA) is locked in a first time mandatory arbitration. The RBA's last offered price was \$1025 per ton on October 17, 2000 and is being used for reporting purposes only. It is in no way intended to influence the arbitration price which is yet to be determined. The final arbitrated price will be published in the 2001 crop report.

^c Includes: Pummelos and Hybrids

^d Yield is dry weight basis.

^e Green weight basis.

^f Includes: Tangelos and Tangors.

^g Includes: Bushberries, Blueberries, Chestnuts, Citron, Figs, Guava/Feijoa, Limes, Peanuts, Plumcots, Pluots, Processed Plums, Strawberries, Kumquat, and Loquat.

“ What we hope ever to do with ease, we must first learn to do with diligence. “ *Samuel Johnson*

Nursery Products

Nursery products continue to be a strong commodity with a 4% increase in total value over 1999. Increased demand for landscape materials has pushed the value of ornamental trees and shrubs to a new county record.

Crop	Year	Production		Value	
		Quantity Sold	Unit	Per Unit	Total
Citrus & Subtropical Trees	2000	786,000	Each	8.84	6,946,000
	1999	621,000	Each	8.67	5,384,000
Deciduous Fruit & Nut Trees	2000	642,000	Each	7.38	4,737,000
	1999	683,000	Each	6.79	4,635,000
Grape & Berry Vines	2000	2,871,000	Each	2.24	6,431,000
	1999	5,544,000	Each	1.82	10,090,000
Foliage Plants & Cut Flowers	2000	X	X	X	1,191,000
	1999	X	X	X	1,838,000
Ornamental Trees & Shrubs	2000	4,946,000	Each	9.89	48,936,000
	1999	4,725,000	Each	9.53	45,029,000
Miscellaneous ^a	2000	X	X	X	4,506,000
	1999	X	X	X	2,706,000
TOTAL	2000				72,747,000
	1999				69,682,000

^a Includes: Aquatics, Citrus (Buds, Cuttings & Scions), Christmas Trees, Ground Cover, Irises, Landscape Olive Trees, Palm Trees, Turf, and Vegetable and Flower Plants in Flats.

Apiary Products

Once again competition from low priced imported honey has reduced the sales of domestic honey. This is the fourth year of declining prices, overall a 45% reduction in the price per pound. All other apiary products had reduced prices with a 30% decline in the pollination price per colony alone.

Crop	Year	Production		Value	
		Total	Unit	Per Unit	Total
Honey - Orange ^a	2000	17,689,000	Pound	0.49	8,668,000
	1999	15,725,000	Pound	0.58	9,120,000
Other	2000	1,925,000	Pound	0.39	751,000
	1999	1,925,000	Pound	0.47	905,000
Beeswax	2000	105,000	Pound	1.17	123,000
	1999	105,000	Pound	1.55	163,000
Pollination ^b	2000	166,000	Colony	23.50	3,901,000
	1999	60,300	Colony	33.60	2,026,000
TOTAL	2000				13,443,000
	1999				12,214,000

^a From bee colonies registered in Tulare County during 2000 citrus bloom period.

^b Estimated number of colonies required for adequate pollination.

Livestock & Poultry

Improved prices for all livestock led the way for a 14% increase in total value. Cattle and calves again had the largest net increase in value while improved pork prices resulted in a noteworthy 31% increase in the hogs and pigs category. Turkeys continued to be a strong commodity with a 14% increase over 1999.

Crop	Year	Number of Head	Total Liveweight	Unit	Value	
					Per Unit	Total
Cattle & Calves	2000	495,000	X	Head	758.00	375,210,000
	1999	484,000	X	Head	686.00	332,024,000
Lambs	2000	12,900	1,224,000	Pound	0.78	955,000
	1999	12,800	1,215,000	Pound	0.75	909,000
Hogs & Pigs	2000	292,000	X	Head	101.00	29,492,000
	1999	283,000	X	Head	79.60	22,527,000
Turkeys	2000	889,000	21,960,000	Pound	1.35	29,636,000
	1999	818,000	19,696,000	Pound	1.32	25,960,000
Miscellaneous ^a	2000	X	X	X	X	16,810,000
	1999	X	X	X	X	16,204,000
TOTAL	2000					452,103,000
	1999					397,624,000

^a Includes: Aquaculture, Beneficial Organisms, Chickens (Hens, Fryers, Pullets), Escargot, Fish Bait, Game Birds, Goats, Pet Food, Pigeons, Rabbits, Sheep, and Turkey Breeders.

Livestock & Poultry Products

Although the volume of milk production increased by 9%, the price dropped \$1.95 per hundredweight. This resulted in a 63 million dollar reduction in Tulare County's largest commodity.

Crop	Year	Production	Unit	Value	
				Per Unit	Total
Manure ^a	2000	2,065,000	Ton	2.74	5,658,000
	1999 ^c	1,979,000	Ton	5.54	10,964,000
Milk - Market	2000	75,622,000	Cwt.	11.31	855,285,000
	1999	69,249,000	Cwt.	13.26	918,242,000
Manufacturing	2000	191,000	Cwt.	10.10	1,929,000
	1999	162,000	Cwt.	11.92	1,931,000
Miscellaneous ^b	2000	X	X	X	8,823,000
	1999	X	X	X	7,136,000
TOTAL	2000				871,695,000
	1999				938,273,000

^a Includes: Dairy and Poultry Manure.

^b Includes: Turkey Hatching Eggs, Chicken Eggs (Market & Hatching), Goat Milk, and Wool.

^c Correction from 1999 report, all numbers: production, per unit price, and total value

Seed Crops

While cotton seed increased in harvested acreage, all other seed production was reduced with only 194 miscellaneous seed producing acres. For cotton, however, a 72% increase in certified acres marginally offset a \$145 per ton price reduction.

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Cotton - Registered or Certified ^a	2000	3,982	X	3,980	Ton	220.00 ^b	876,000
	1999	2,313	X	2,080	Ton	365.00	759,000
Miscellaneous ^c	2000	194	X	X	X	X	98,700
	1999	640	X	X	X	X	322,000
TOTAL	2000	194					974,700
	1999	640					1,081,000

^a Not included in total acreage for "Seed Crops."

^b Includes \$50 per acre approval

^c Includes: Blackeye Cow Peas, Triticale, and Sunflowers

Industrial Crops

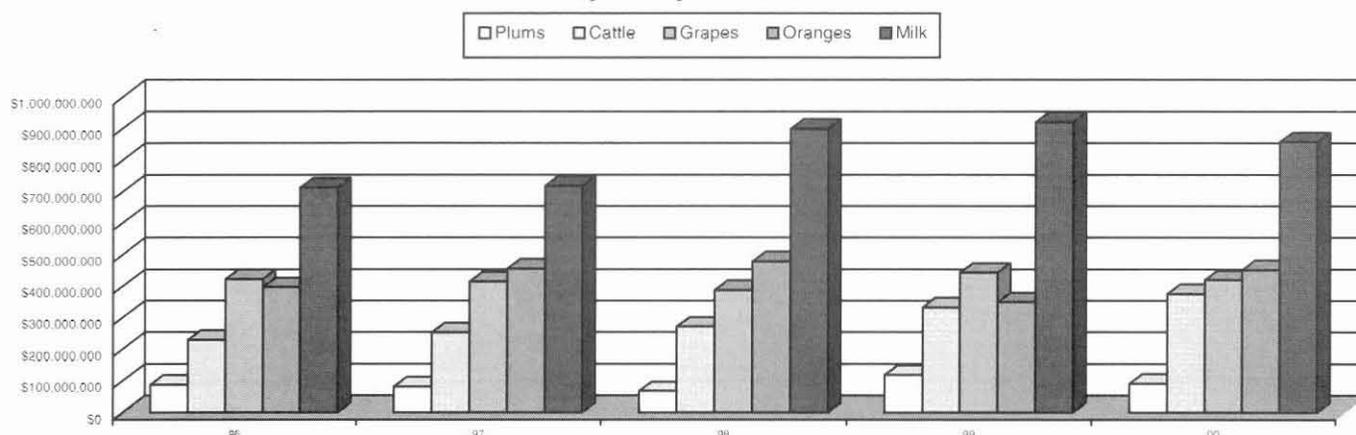
The marginal rise in the board foot price did not offset the reduction in volume of timber harvested, while the value of miscellaneous categories remained relatively unchanged from 1999. This resulted in a 3% decrease in industrial commodities for 2000.

Crop	Year	Production		Value	
		Total	Unit	Per Unit	Total
Timber harvested ^a	2000	7,894,000	Board Ft.	0.267	2,108,000
	1999	8,362,000	Board Ft.	0.264	2,208,000
Miscellaneous ^b	2000	X	X	X	1,774,000
	1999	X	X	X	1,784,000
TOTAL	2000				3,882,000
	1999				3,992,000

^a Previous year's production & value based on information provided by Timber Tax Division, Property Taxes Dept., State Board of Equalization.

^b Includes: Biomass, Fire Wood, and Walnut Stumps.

History of Key Commodities



SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
FIELD CROPS	2000	1,232,981	282,041,500
	1999	1,227,014	291,682,000
VEGETABLE CROP	2000	8,166	35,478,000
	1999	11,633	48,883,000
FRUIT & NUT CROPS	2000	326,567	1,336,284,000
	1999	339,665	1,314,938,000
NURSERY PRODUCTS	2000	X	72,747,000
	1999	X	69,682,000
APIARY PRODUCTS	2000	X	13,443,000
	1999	X	12,214,000
LIVESTOCK & POULTRY	2000	X	452,103,000
	1999	X	397,624,000
LIVESTOCK & POULTRY PRODUCTS	2000	X	871,695,000
	1999	X	938,273,000
SEED CROPS	2000	194	974,700
	1999	640	1,081,000
INDUSTRIAL CROPS	2000	X	3,882,000
	1999	X	3,992,000
GRAND TOTAL	2000	1,567,908	3,068,648,200
	1999	1,578,952	3,078,369,000

MILLION DOLLAR PRODUCTS

2000 Ranking	2000 Total Value	1999 Ranking
1. Milk	\$ 857,214,000	1
2. Oranges -Navel & Valencia	\$ 451,258,000	3
3. Grapes	\$ 419,088,000	2
4. Cattle & Calves	\$ 375,210,000	4
5. Plums	\$ 91,575,000	5
6. Cotton - Lint & Seed	\$ 84,000,000	6
7. Alfalfa - Hay & Silage	\$ 78,622,000	7
8. Peaches - Cling & Freestone	\$ 67,414,000	9
9. Nectarines	\$ 62,238,000	8
10. Corn - Grain & Silage	\$ 51,898,000	10
11. Nursery - Ornamental Trees & Shrubs	\$ 48,936,000	12
12. Walnuts	\$ 42,340,000	13
13. Turkeys	\$ 29,636,000	15
14. Hogs & Pigs	\$ 29,492,000	18
15. Almonds - Meats & Hulls	\$ 26,659,000	14
16. Tangerines	\$ 24,072,000	24
17. Pistachio Nuts	\$ 22,260,000	16
18. Pasture & Range	\$ 20,732,000	20
19. Lemons	\$ 20,131,000	19
20. Kiwifruit	\$ 17,604,000	28
21. Silage - Small Grain	\$ 17,388,000	17
22. Olives	\$ 15,498,000	11
23. Wheat - Grain & Seed	\$ 14,279,000	25
24. Grapefruit	\$ 12,174,000	22
25. Prunes	\$ 10,516,000	21
26. Honey	\$ 9,419,000	30
27. Apricots	\$ 8,825,000	31
28. Cherries	\$ 8,320,000	37
29. Persimmons	\$ 7,998,000	33
30. Pomegranates	\$ 7,611,000	41
31. Nursery - Citrus & Subtropical	\$ 6,946,000	36
32. Nursery - Grape & Berry Vines	\$ 6,431,000	29
33. Apples	\$ 6,343,000	26
34. Manure	\$ 5,658,000	27
35. Pears & Asian Pears	\$ 5,614,000	42
36. Beans, Dry	\$ 4,984,000	35
37. Nursery - Deciduous Fruit & Nut	\$ 4,737,000	38
38. Snap Beans - Fresh	\$ 4,471,000	23
39. Pollination	\$ 3,901,000	45
40. Sugar Beets	\$ 3,139,000	40
41. Pecans	\$ 3,080,000	48
42. Broccoli	\$ 2,930,000	32
43. Tomatoes - Fresh	\$ 2,821,000	39
44. Sudan Grass	\$ 2,679,000	44
45. Timber	\$ 2,108,000	43
46. Quince	\$ 1,788,000	49
47. Cauliflower	\$ 1,557,000	34
48. Cucumbers	\$ 1,428,000	50
49. Avocados	\$ 1,382,000	47
50. Nursery - Foliage Plants & Flowers	\$ 1,191,000	46
51. Sweet Corn	\$ 1,085,000	**

** Sweet Corn not ranked in 1999

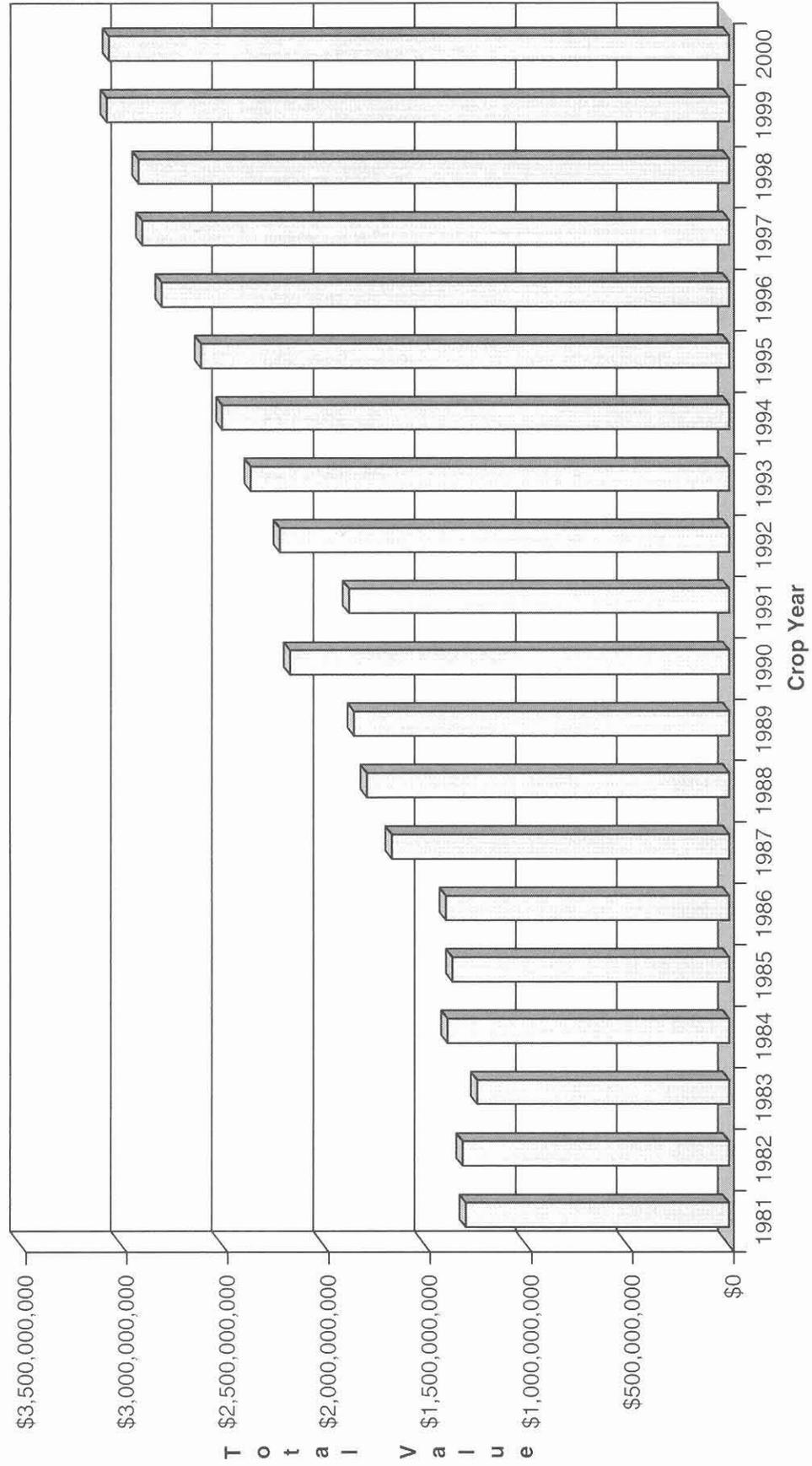
**TWENTY YEAR COMPARISON OF AGRICULTURE
INCOME IN TULARE COUNTY
1981-2000**

1981	1,301,921,200	1991	1,878,425,400
1982	1,316,016,300	1992	2,221,612,100
1983	1,245,238,100	1993	2,365,202,000
1984	1,392,273,500	1994	2,504,944,000
1985	1,368,387,100	1995	2,611,088,000
1986	1,400,743,000	1996	2,805,452,000
1987	1,667,201,900	1997	2,900,892,000
1988	1,791,151,200	1998	2,919,528,800
1989	1,853,101,600	1999	3,078,369,000
1990	2,169,448,000	2000	3,068,648,200

**STANDARD CARTON WEIGHTS (LBS.)
FOR FRESH MARKET COMMODITIES**

Almonds	50	Kiwifruit	7½
Apples	40	Lemons	40
Apricots	24	Nectarines	25
Avocados	25	Oranges	37½
Beans, Snap	30	Pistachio Nuts (roasted)	25
Broccoli	23	Peaches-Freestone	25
Cauliflower	25	Pears, Asian Pears	11
Cherries	18	Persimmons	11
Corn, Sweet	50	Plums	28
Figs	8	Pomegranates	28
Grapes, Juice	36	Prunes, Fresh	28
Graes, Table	21	Quince	22
Grapefruit	36	Tangerines	25
Honeydew Melons	30	Tomatoes	25

Tulare County 20 Years of Agricultural Income

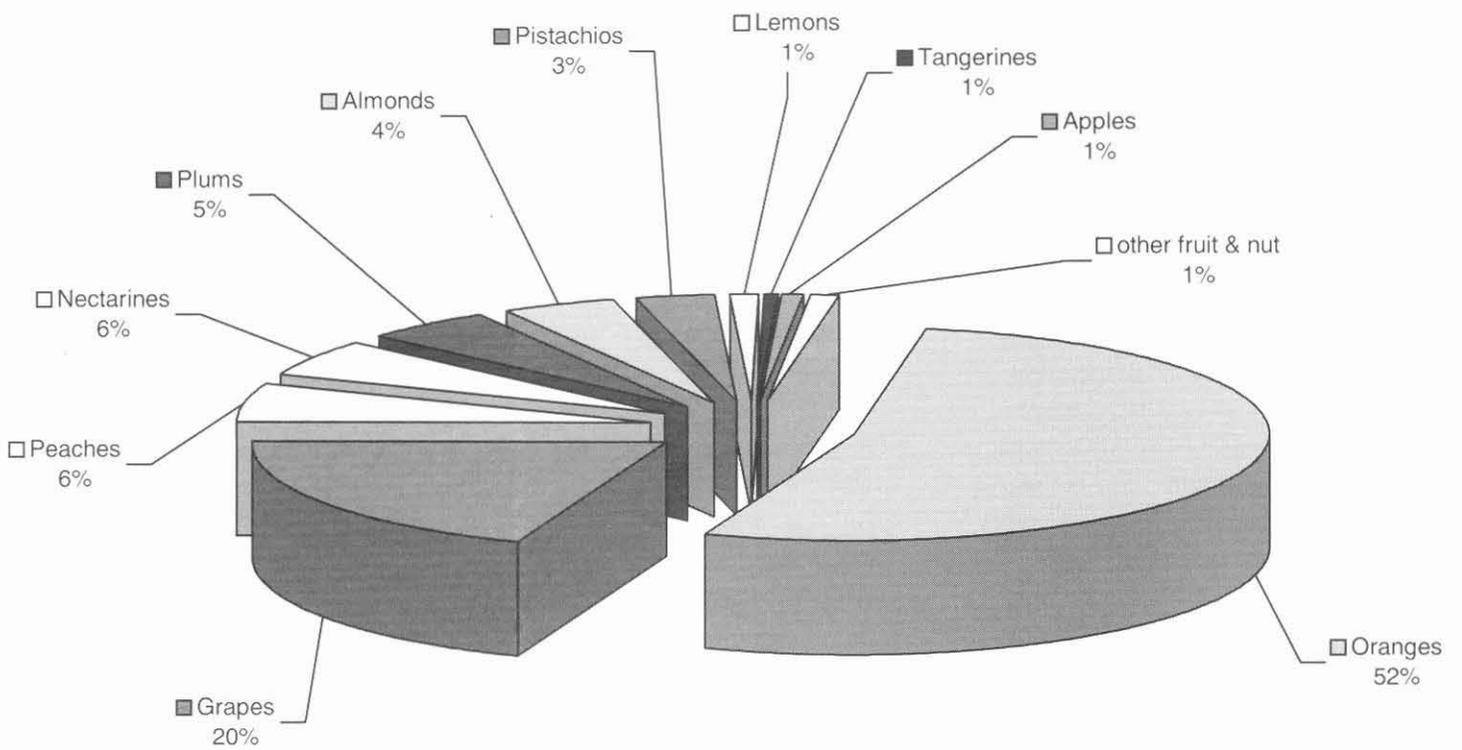


**2000 PRODUCE EXPORTS
TOP TEN COUNTRIES**

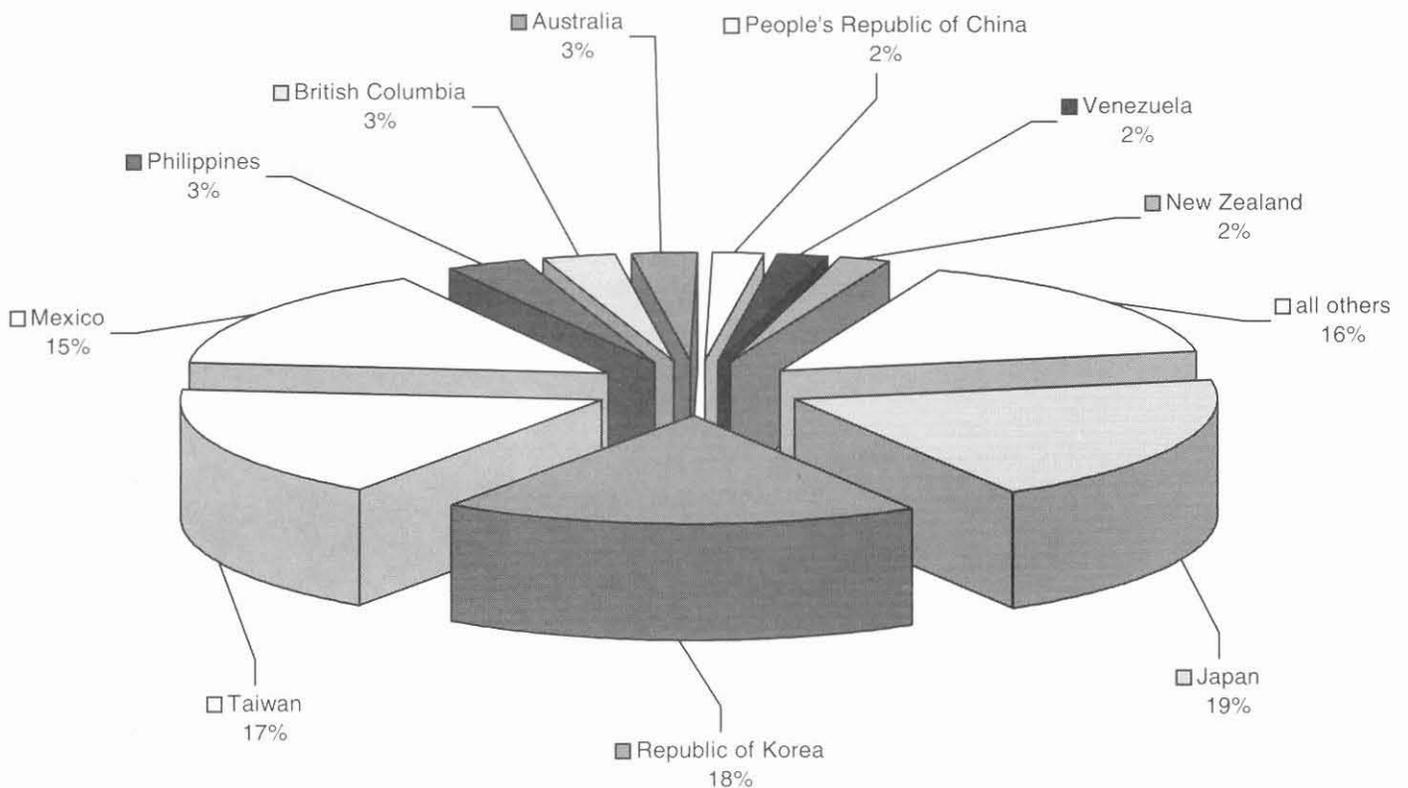
COUNTRY	NUMBER OF CONTAINERS CERTIFIED	PHYTOSANITARY CERTIFICATES ISSUED
1. Japan	5,007,159	5,178
2. Republic of Korea	4,735,684	4,592
3. Taiwan	4,418,425	3,389
4. Mexico	3,987,781	2,380
5. Philippines	815,019	583
6. British Columbia	696,060	1,278
7. Australia	663,942	716
8. People's Republic of China	512,336	401
9. Venezuela	509,563	458
10. New Zealand	488,171	546
TOTAL	21,884,139	19,521

**COUNTRIES RECEIVING
TULARE COUNTY COMMODITIES IN 2000**

Argentina	Greece	Pakistan
Australia	Guatemala	Panama
Bangladesh	Guyana	Paraguay
Belgium	Honduras	People's Republic of China
Bermuda	Hong Kong	Peru
Bolivia	Iceland	Philippines
Brazil	India	Portugal
British Columbia	Indonesia	Republic of Ireland
Brunei Darussalam	Israel	Republic of Korea
Cambodia	Italy	Republic of Moldova
Canada	Japan	Russian Federation
Canary Islands	Kazakhstan	Saudi Arabia
Chile	Kuwait	Singapore
Colombia	Latvia	South Africa
Costa Rica	Lebanon	Spain
Croatia	Luxembourg	Sri Lanka
Cyprus	Malaysia	Sweden
Czechoslovakia	Mauritius	Switzerland
Dominican Republic	Mexico	Taiwan
Ecuador	Morocco	Thailand
Egypt	Nepal	Trinidad & Tobago
El Salvador	Netherlands	Turkey
Fiji	New Zealand	United Arab Emirates
Finland	Nicaragua	United Kingdom
France	Norway	Uruguay
French Polynesia	Oman	Venezuela
Germany		Vietnam



Fruit & Nut
Export Commodities 2000



Export Destinations 2000

Tulare County Sustainable Agricultural Reporting

County Biological Control

Pest	Agent/Mechanism	Program Scope
Aphids <i>Aphis</i> spp.	Asian Ladybird Beetle <i>Harmonia axyridis</i>	3 sites
Ash Whitefly <i>Siphoninus phillyreae</i>	Parasitic Wasp <i>Encarsia inaron</i> Ladybird Beetle <i>Cleitostethus arcuatus</i>	Upon demand Upon demand
Bull Thistle <i>Cirsium vulgare</i>	Seedhead Gall Fly <i>Urophora stylata</i>	2 sites
Comstock Mealybug <i>Pseudococcus comstocki</i>	Parasitic Wasps <i>Pseudoaphycus malinus</i> <i>Allotropa burrelli</i>	2 sites
Cottony-Cushion Scale <i>Icerya purchasi</i>	Parasitic Fly <i>Cryptochetum iceryae</i> Vedalia Beetle <i>Rodolia cardinalis</i>	Upon demand Upon demand
Italian Thistle <i>Carduus pycnocephalus</i>	Seedhead Weevil <i>Rhinocylus conicus</i>	1 site
Milk Thistle <i>Silybum marianum</i>	Seedhead Weevil <i>Rhinocylus conicus</i>	Upon demand
Mulberry Whitefly <i>Tetraleurodes mori</i>	Ladybird Beetle <i>Delphastus dejavu</i>	Upon demand
Puncture Vine <i>Tribulus terrestris</i>	Seed & Stem Weevils * <i>Microlarinus lareynii</i> <i>Microlarinus lypriformis</i>	Upon demand
Russian Thistle <i>Salsola australis</i>	Casebearer Moth <i>Coleophora klimeschiella</i>	1 site
Silverleaf Whitefly <i>Bemisia argentifolia</i>	Parasitic Wasps <i>Eretmocerus</i> spp.	1 site
Yellow Star Thistle <i>Centaurea solstitialis</i>	Flowerhead Bud Weevil <i>Bangasternus orientalis</i> Flower Weevil <i>Larinus curtus</i> Hairy Weevil * <i>Eustenopus villosus</i> Peacock Fly <i>Chaetorellia succinea</i> Yellow Star Gall Fly <i>Urophora sirunaseva</i>	Upon demand 2 sites 23 sites Upon demand 2 sites

*Also provided insect agents to other out-of-county agencies.

County Pest Detection

Target Pest

European Corn Borer	10
European Pine Shoot Moth	10
Gypsy Moth	146
Japanese Beetle	84
Khapra Beetle	54
Mediterranean Fruit Fly	529
Melon Fruit Fly	91
Mexican/Carribbean Fruit Flies	153
Olive Fruit Fly	1,457
Glassy-winged Sharpshooter	4,047
Oriental Fruit Fly	89

Number of Traps

Host Crops

Corn/Sorghum
Pines
Shade Trees
Turf/Flowers
Stored Food Products
Fruit Trees
Vegetables
Fruit Trees
Olive Trees
Various Trees & Shrubs
Fruit Trees

County Pest Abatement

Pest

Cottony Cushion Scale <i>Icerya purchasi</i>
Red Scale <i>Aonidiella aurantii</i>

Host Crops

Citrus

Program Scope

1

Flies

Cull Pistachios

1

Russian Thistle
Salsola australis

Open Field

1

Weeds

Abandoned Orchard

1

County Pest Eradication

Pest

Alligatorweed
Alternanthera philoxeroides

Agent/Mechanism

Mechanical/Chemical Control

Program Scope

160 plants

Pink Bollworm
Pectinophora gossypiella

Mechanical/Host Free Period

79,410 acres

Scotch Thistle
Onopordum acanthium

Mechanical/Chemical Control

General distribution

Registered Organic Farming Statistics

Grower	44
Acres	2,430
Packers/Shippers	4
Certified Producers Certificates	181

**County Pest Exclusion
Pest Rejections**

County Pest Exclusion Pest Rejections	Setting	Program Scope
A - Rated Scale <i>Aonidiella orientalis</i>	Wholesale	1 rejection/destroyed
B - Rated Scales <i>Protopulvinaria pyriformis</i> <i>Aonidiella aurantii</i>	Wholesale	2 rejections/destroyed
B - Rated Snail <i>Opeas</i> sp.	Incoming Shipment	1 rejection/destroyed
B - Rated Weed Seed <i>Gypsophila paniculata</i>	Incoming Shipments	2 rejections/destroyed
Burrowing Nematode <i>Radophilus similis</i>	Incoming Shipments	8 rejections/destroyed
Caribbean Fruit Fly <i>Anastrepha suspensa</i>	Incoming Shipments	2 rejections/destroyed
Cherry Fruit Fly <i>Rhagoletis indiffrens</i>	Incoming Shipments	2 rejections/destroyed
Citrus Canker <i>Xanthomonas campestris citri</i>	Wholesale	1 rejection/destroyed
Citrus Tristeza Virus	Incoming Shipments	3 rejections/destroyed
Cottony Camelia Scale <i>Pulvinaria floccifera</i>	Wholesale	1 rejection/destroyed
Glassy-winged Sharpshooter <i>Homalodisca coagulata</i>	Incoming Shipment	72 rejections/returned or destroyed
Gypsy Moth <i>Lymantria dispar</i>	Wholesale	5 rejections/destroyed
Japanese Beetle <i>Popilla japonica</i>	Wholesale	9 rejections/destroyed
Markings	Incoming Shipments	185 rejections/destroyed or released
Mexican Fruit Fly <i>Anastrepha ludens</i>	Wholesale	2 rejections/destroyed
Ozonium Root Rot <i>Phymatotrichum omnivorum</i>	Wholesale	1 rejection/destroyed
Palm Leaf Skeletonizer <i>Homaledra sabalella</i>	Incoming Shipment	1 rejection/destroyed

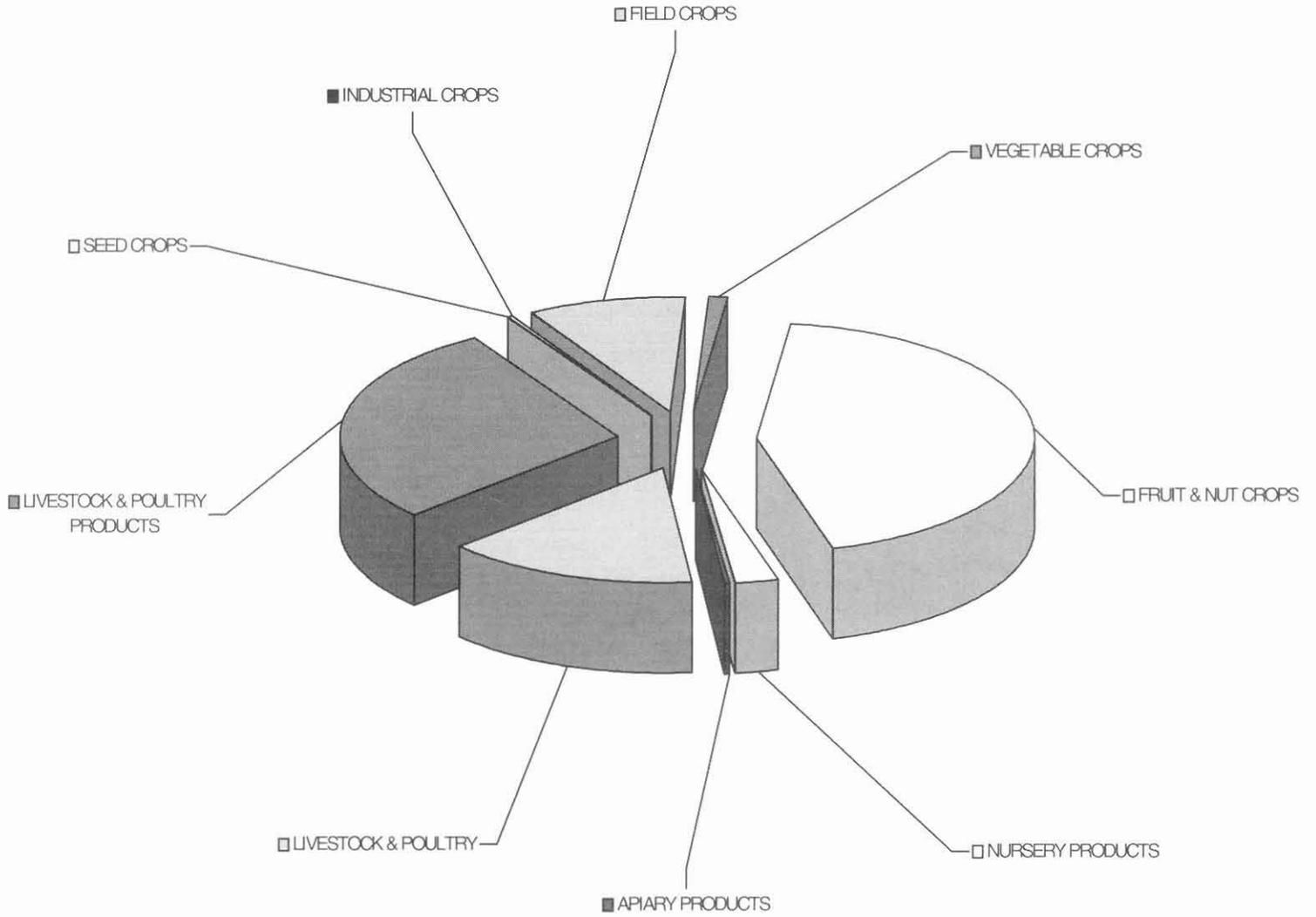
County Pest Exclusion continued

Plum Curculio/Apple Maggot <i>Conotrachelus nenuphar</i> <i>Rhagoletis pomonella</i>	Incoming Shipments	3 rejections/destroyed
Q- Rated Blood & Sand Worms	Incoming Shipments	3 rejections/destroyed
Q - Rated Lace Bug	Wholesale	1 rejection/destroyed
Q - Rated Leafhopper	Incoming Shipment	1 rejection/destroyed
Q - Rated Leaf-mining Fly	Wholesale	1 rejection/destroyed
Q - Rated Lygaeid Bug	Incoming Shipment	1 rejection/destroyed
Q - Rated Marine Algae	Incoming Shipments	4 rejections/destroyed
Q - Rated Mealybug <i>Pseudococcidae</i> nymphs	Incoming Shipments	2 rejections/destroyed
Q - Rated Weed "a Teasel" <i>Dipsacus</i> sp.	Incoming Shipment	1 rejection/destroyed

Phytosanitary Trapping	Host Crops	Number of Traps
Apple Maggot	Apples	94
Mediterranean Fruit Fly	Cherries	10
Mediterranean Fruit Fly	Citrus	440
Mediterranean Fruit Fly	Table Grapes	161
Western Cherry Fruit Fly	Cherries	23

“ For this is what America is all about. It is the uncrossed desert and the unclimbed ridge. It is the star that is not reached and the harvest that’s sleeping in the unplowed ground. “ *Lyndon Baines Johnson*

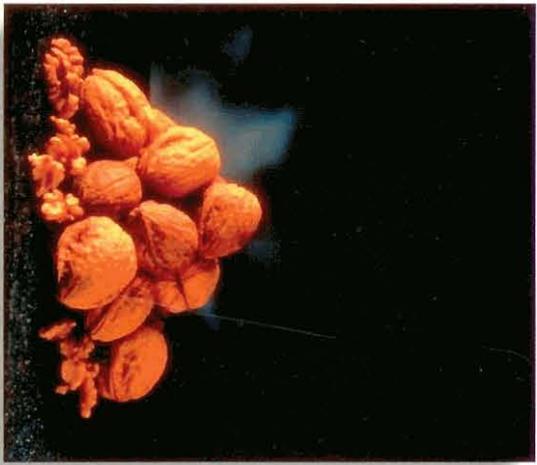
2000 Total Value Breakdown



2000 Crop Report Prepared By:
Diana Schnelbach
Bob Chilton
Dennis Haines
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Agricultural Commissioner/Sealer
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