



Tulare County Agricultural Commissioner/Sealer

Gary Kunkel, Agricultural Commissioner
Sealer of Weights and Measures

2002

WILLIAM J. "BILL" 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 2001 Tulare County Annual Crop and Livestock Report. The report is produced in accordance with Sections 2272 and 2279 of the California Food and Agricultural 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.

This year's total value of all commodities is \$3,494,006,600 which represents an increase of just over \$425 million above last year's value. This is an all-time record for the County of Tulare.

The price of milk more than offset last year's decline rising by \$2.43 per hundredweight. Improved prices combined with a further increase in volume resulted in a total milk value of \$1,154,146,000. This represents the first "billion dollar commodity" for any county in California.

For the third consecutive year, improvements in navel and valencia orange revenues helped this commodity retain it's number two ranking. For the first time in many years, cattle and calves moved up to the number three slot. This dropped grapes into fourth position. Declining grape acreage, lower yield, and reduced prices all combined to decrease revenues by \$57.5 million dollars. This is the lowest figure for grape commodities since the 1992 crop year.

Although declining revenues have been experienced by many producers in recent years, Tulare County's agricultural diversity continues to be it's strength. While individual commodities may struggle from year to year, there always seem to be those that emerge even stronger than before.

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 Curt Steggall, with assistance from Dan Bigham, Bob Chilton, Dennis Haines, Jim Qualls and Gabriella Nunez. Without their hard work and valuable input, the publication of this report would have been impossible.

Respectfully submitted,


Gary W. Kunkel
Agricultural Commissioner/Sealer

Agricultural Commissioner/Sealer of Weights & Measures

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Tulare County Agricultural Offices

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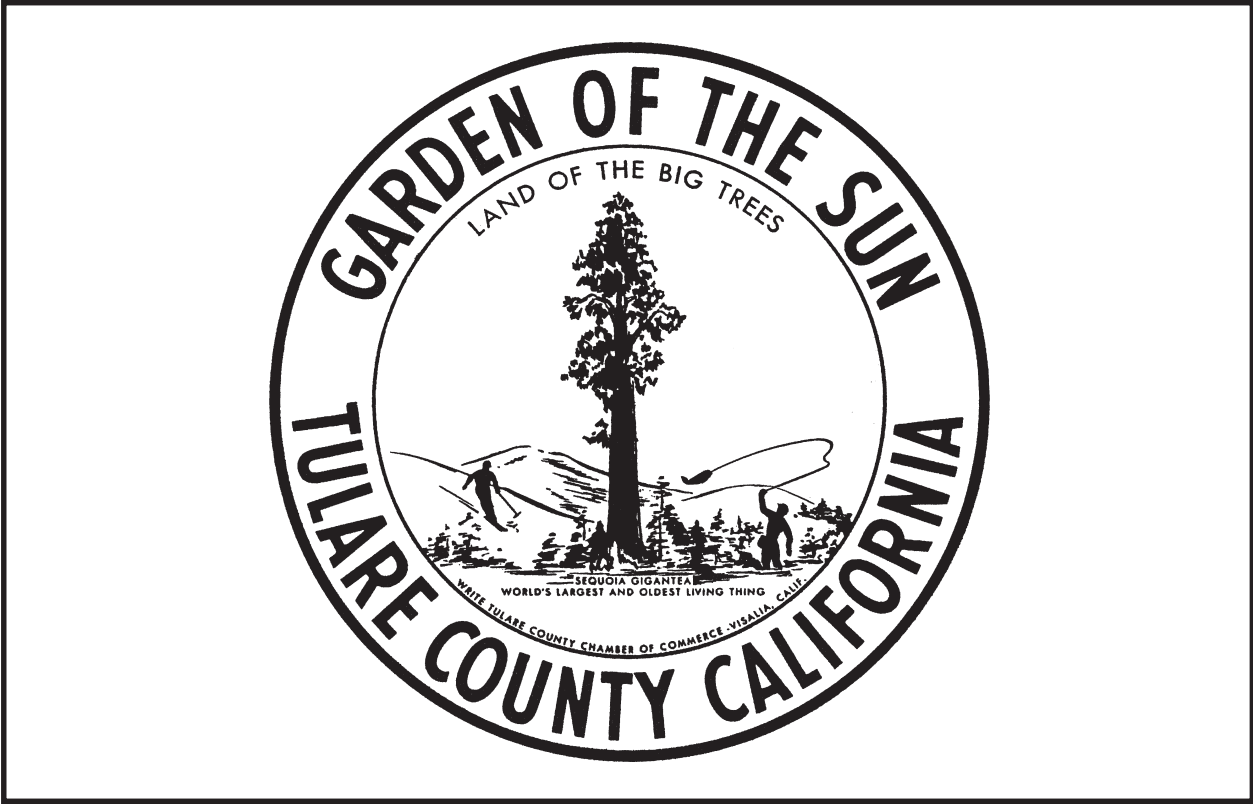


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TULARE COUNTY ACREAGE-PERMANENT PLANTINGS

CITRUS	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
Grapefruit & Pummelos	958	34	992
Lemons	3,645	27	3,672
Limes	3	5	8
Navels	73,317	1,368	74,685
Valencias	30,236	395	30,631
Tangerines	2,850	95	2,945
Total Citrus	111,009	1,924	112,933
DECIDUOUS & GRAPES			
Almonds	16,587	747	17,334
Apples	881	0	881
Apricots	730	29	759
Avocados	459	0	459
Cherries	1,396	196	1,592
Figs	63	0	63
Grapes			
Raisin	28,166	280	28,446
Table	27,766	866	28,632
Wine	12,754	276	13,030
Kiwifruit	1,463	57	1,520
Nectarines	15,323	800	16,123
Olives	15,973	187	16,160
Peaches			
Cling	1,168	24	1,192
Freestone	12,590	996	13,586
Pears & Asian Pears	523	30	553
Pecans	888	3	891
Persimmons	917	19	936
Pistachio Nuts	10,208	1,065	11,273
Plums	18,081	736	18,817
Pomegranates	1,313	12	1,325
Prunes	6,616	630	7,246
Quince	292	32	324
Walnuts	27,169	2,095	29,264
Miscellaneous*	213	340	553
<hr/>			
TOTAL			
Total Grapes	68,686	1,422	70,108
Total Orchard Crops	243,862	9,922	253,784
<hr/>			
GRAND TOTAL	312,548	11,344	323,892

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

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

Field Crops

Total value for field crops increased slightly by 6.7% in 2001. Increases in production and commodity prices for alfalfa, barley, and corn helped improve the total value of field commodities.

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Alfalfa - Hay	2001	93,809	9.00	844,000	Ton	115.00	97,060,000
	2000	92,888	8.40	780,000	Ton	97.30	75,894,000
Silage ^a	2001	X	2.40	125,000	Ton	28.00	3,500,000
	2000	X	2.75	124,000	Ton	22.00	2,728,000
Barley	2001	3,761	2.70	10,200	Ton	105.00	1,071,000
	2000	3,290	2.70	8,880	Ton	103.00	915,000
Beans - Dry	2001	6,561	1.49	9,780	Ton	493.00	4,822,000
	2000	7,517	1.48	11,100	Ton	449.00	4,984,000
Corn - Grain	2001	20,787	5.40	112,000	Ton	85.00	9,520,000
	2000	19,996	5.50	110,000	Ton	85.00	9,350,000
Silage	2001	94,061	23.00	2,163,000	Ton	21.30	46,072,000
	2000	90,478	25.70	2,325,000	Ton	18.30	42,548,000
Cotton - Lint ^b	2001	77,070	1,290.00	201,000	Bale	68.50 ^f	68,791,000
	2000	79,410	1,410.00	226,000	Bale	64.00	71,660,000
Seed	2001	X	X	69,200	Ton	160.00	11,072,000
	2000	X	X	78,100	Ton	158.00	12,340,000
Pasture & Range (Irrigated)	2001	110,281	X	X	Acre	114.00	12,572,000
	2000	110,281	X	X	Acre	112.00	12,351,000
Native	2001	615,000	X	X	Acre	12.00	7,380,000
	2000	615,000	X	X	Acre	12.00	7,380,000
Other	2001	79,800	X	X	Acre	19.20	1,532,000
	2000	83,385	X	X	Acre	12.00	1,001,000
Silage - Small Grain ^c	2001	62,620	17.00	1,065,000	Ton	20.00	21,300,000
	2000	64,666	16.00	1,035,000	Ton	16.80	17,388,000
Sorghum Grain	2001	3,471	2.20	7,640	Ton	90.00	688,000
	2000	211	2.50	528	Ton	90.00	47,500
Sudan Grass ^d	2001	4,851	30.00	146,000	Ton	14.00	2,044,000
	2000	6,174	29.30	181,000	Ton	14.80	2,679,000
Sugar Beets	2001	1,413	32.50	45,900	Ton	28.50	1,308,000
	2000	4,262	27.70	118,000	Ton	26.60	3,139,000
Wheat	2001	46,193	2.25	104,000	Ton	92.50	9,620,000
	2000	49,840	2.91	145,000	Ton	98.30	14,254,000

Field Crops *continued*

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Miscellaneous ^e	2001	9,099	X	X	X	X	2,727,000
	2000	5,583	X	X	X	X	3,383,000
TOTAL	2001	1,228,777					301,079,000
	2000	1,232,981					282,041,500

^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 2001.

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

^f Price reported at press time.

Vegetable Crops

Increased production and rise in commodity prices resulted in a 47% increase in total value for all vegetable crops.

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Broccoli	2001	2,447	5.51	13,500	Ton	494.00	6,669,000
	2000	1,356	5.21	7,060	Ton	415.00	2,930,000
Cauliflower	2001	1,238	7.78	9,630	Ton	454.00	4,372,000
	2000	373	7.81	2,910	Ton	535.00	1,557,000
Cucumbers	2001	243	16.00	3,890	Ton	625.00	2,431,000
	2000	131	13.10	1,740	Ton	680.00	1,428,000
Snap Beans - Fresh	2001	625	4.75	2,970	Ton	1,960.00	5,821,000
	2000	1,036	2.38	2,470	Ton	1,810.00	4,471,000
Sweet Corn	2001	196	10.00	1,960	Ton	240.00	470,000
	2000	316	8.13	2,570	Ton	422.00	1,085,000
Tomatoes - Fresh	2001	211	15.00	3,160	Ton	440.00	1,390,000
	2000	383	17.20	6,509	Ton	428.00	2,821,000
Miscellaneous*	2001	9,374	X	X	X	X	31,068,000
	2000	4,571	X	X	X	X	21,186,000
TOTAL	2001	14,334					52,221,000
	2000	8,166					35,478,000

* Includes: 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

Despite a loss of 13,000 acres of bearing acreage from 2000, increases in commodity prices for plums, nectarines, kiwifruit, valencia oranges, pistachio nuts and almonds, offset the losses in production and prices that occurred in grape categories. Fruit and nut crops increased in value by 2.5% from 2000.

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Almonds - Meats	2001	16,587	0.90	14,900	Ton	1,760.00	26,224,000
	2000	15,737	0.79	12,400	Ton	1,960.00	24,304,000
Hulls	2001	X	X	37,900	Ton	80.00	3,032,000
	2000	X	X	31,400	Ton	75.00	2,355,000
Apples	2001	881	7.74	6,820	Ton	751.00	5,122,000
	2000	1,250	7.88	9,850	Ton	644.00	6,343,000
Apricots	2001	730	5.24	3,830	Ton	1,428.00	5,469,000
	2000	1,011	9.16	9,260	Ton	953.00	8,825,000
Avocados	2001	459	2.97	1,360	Ton	1,540.00	2,094,000
	2000	646	3.34	2,160	Ton	640.00	1,382,000
Cherries	2001	1,396	2.09	2,920	Ton	3,310.00	9,665,000
	2000	781	1.56	1,220	Ton	6,820.00	8,320,000
Grapes - Total	2001	68,686	X	X	X	X	361,515,000
	2000	78,264	X	X	X	X	419,088,000
Raisin Varieties	2001	28,166	9.31	X	X	X	X
	2000	33,418	9.49	X	X	X	X
Canned	2001	X	X	43,300	Ton	245.00	10,608,000
	2000	X	X	23,400	Ton	240.00	5,616,000
Crushed ^a	2001	X	X	27,300	Ton	80.00	2,184,000
	2000	X	X	61,500	Ton	148.00	9,102,000
Dried ^b	2001	X	X	31,300	Ton	525.00	16,432,000
	2000	X	X	38,000	Ton	600.00	22,800,000
Fresh	2001	X	X	63,700	Ton	983.00	62,617,000
	2000	X	X	71,640	Ton	1,160.00	83,102,000
Table Varieties	2001	27,766	8.79	X	X	X	X
	2000	30,698	9.23	X	X	X	X
Crushed	2001	X	X	27,200	Ton	80.00	2,176,000
	2000	X	X	42,400	Ton	94.80	4,020,000
Fresh	2001	X	X	217,000	Ton	1,060.00	230,020,000
	2000	X	X	241,000	Ton	1,060.00	255,460,000

Fruit and Nut Crops *continued*

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Wine Varieties	2001	12,754	10.80	X	X	X	X
	2000	14,148	11.40	X	X	X	X
Crushed	2001	X	X	124,000	Ton	248.00	30,752,000
	2000	X	X	154,000	Ton	248.00	38,192,000
Juice	2001	X	X	14,100	Ton	477.00	6,726,000
	2000	X	X	7,190	Ton	404.00	2,905,000
Grapefruit - Fresh ^c	2001	958	12.70	12,200	Ton	471.00	5,746,000
	2000	1,972	12.30	24,300	Ton	501.00	12,174,000
Kiwifruit	2001	1,463	5.05	7,400	Ton	1,880.00	13,912,000
	2000	1,834	8.87	16,300	Ton	1,080.00	17,604,000
Lemons - Fresh	2001	3,645	13.10	36,300	Ton	597.00	21,671,000
	2000	3,674	9.06	23,000	Ton	854.00	19,642,000
Processed	2001	X	X	11,500	Ton	28.50	328,000
	2000	X	X	10,300	Ton	47.50	489,000
Nectarines - Fresh	2001	15,323	4.62	70,800	Ton	990.00	70,092,000
	2000	14,995	6.66	99,900	Ton	623.00	62,238,000
Olives	2001	15,973	4.10	65,500	Ton	645.00	42,248,000
	2000	16,705	1.39	23,200	Ton	668.00	15,498,000
Oranges - Navel	2001	73,317	12.00	733,000	Ton	482.00	353,306,000
	2000	74,141	15.40	856,000	Ton	415.00	355,240,000
Processed	2001	X	X	150,000	Ton	4.27	640,000
	2000	X	X	285,000	Ton	18.70	5,330,000
Oranges - Valencia	2001	30,236	17.10	356,000	Ton	485.00	172,660,000
	2000	30,610	16.70	237,000	Ton	336.00	79,632,000
Processed	2001	X	X	160,000	Ton	24.50	3,920,000
	2000	X	X	273,000	Ton	40.50	11,056,000
Peaches - Cling	2001	1,168	16.00	18,700	Ton	234.00	4,376,000
	2000	1,206	20.20	24,400	Ton	233.00	5,685,000
Freestone - Fresh	2001	12,590	7.22	63,200	Ton	711.00	44,935,000
	2000	12,725	9.66	87,000	Ton	627.00	54,549,000
Processed	2001	X	X	27,700	Ton	200.00	5,540,000
	2000	X	X	35,900	Ton	200.00	7,180,000
Pears & Asian Pears	2001	523	5.67	2,970	Ton	1,470.00	4,366,000
	2000	664	4.81	3,190	Ton	1,760.00	5,614,000
Pecans	2001	888	0.78	693	Ton	3,400.00	2,356,000
	2000	898	1.12	1,010	Ton	3,050.00	3,080,000

Fruit and Nut Crops *continued*

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Persimmons	2001	917	4.49	4,120	Ton	1,370.00	5,644,000
	2000	892	9.10	8,120	Ton	985.00	7,998,000
Pistachio Nuts	2001	10,208	1.42	14,500	Ton	2,140.00	31,030,000
	2000	9,579	1.11	10,600	Ton	2,100.00	22,260,000
Plums - Fresh	2001	18,081	6.30	114,000	Ton	810.00	92,340,000
	2000	18,054	6.14	111,000	Ton	825.00	91,575,000
Pomegranates	2001	1,313	4.91	6,450	Ton	888.00	5,728,000
	2000	1,391	5.16	7,180	Ton	1,060.00	7,611,000
Prunes - Processed ^d	2001	6,616	1.93	9,000	Ton	800.00	7,200,000
	2000	7,191	1.42	9,780	Ton	875.00	8,558,000
Fresh ^e	2001	X	X	1,260	Ton	1,480.00	1,865,000
	2000	X	X	1,360	Ton	1,440.00	1,958,000
Quince	2001	292	5.09	1,490	Ton	1,600.00	2,384,000
	2000	213	5.64	1,200	Ton	1,490.00	1,788,000
Tangerines ^f	2001	2,850	6.92	19,700	Ton	1,010.00	19,897,000
	2000	2,604	9.79	25,500	Ton	944.00	24,072,000
Walnuts	2001	27,169	1.37	37,200	Ton	1,050.00	39,060,000
	2000	29,200	1.25	36,500	Ton	1,160.00	42,340,000
Miscellaneous ^g	2001	610	X	X	X	X	5,923,000
	2000	330	X	X	X	X	2,496,000
TOTAL	2001	312,879					1,370,288,000
	2000	326,567					1,314,938,000

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

^b A combined value reflecting free and reserve tonnage.

An agreed-upon price per ton had not been reached when this report went to print in 2001. The value used, for reporting purposes only, was \$1,025.00 per ton, the last value offered by the Raisin Bargaining Association. The revised value of \$600.00 per ton for 2000 prices used in this report, reflects free tonnage, reserve tonnage and raisin diversion program tonnage.

^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, 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

Improved prices for ornamental nursery stock could not offset an 11% decline in plants sold. Category total value declined from 2000 by an almost identical 10%.

Crop	Year	Production		Value	
		Quantity Sold	Unit	Per Unit	Total
Citrus & Subtropical Trees	2001	611,000	Each	8.54	5,218,000
	2000	786,000	Each	8.84	6,946,000
Deciduous Fruit & Nut Trees	2001	545,000	Each	8.73	4,758,000
	2000	642,000	Each	6.79	4,737,000
Grape & Berry Vines	2001	2,331,000	Each	2.44	5,688,000
	2000	2,871,000	Each	2.24	6,431,000
Foliage Plants & Cut Flowers	2001	X	X	X	1,111,000
	2000	X	X	X	1,191,000
Ornamental Trees & Shrubs	2001	4,453,000	Each	9.73	43,328,000
	2000	4,946,000	Each	9.53	48,936,000
Miscellaneous*	2001	X	X	X	5,072,000
	2000	X	X	X	4,506,000
TOTAL	2001				65,175,000
	2000				72,747,000

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

Apiary Products

Less competition from foreign government subsidized imported honey helped local producers show nice gains over last year. Higher demand, coupled with fewer colonies available for pollination, resulted in higher prices paid by growers for quality pollination service.

Crop	Year	Production		Value	
		Total	Unit	Per Unit	Total
Honey - Orange ^a	2001	16,714,000	Pound	0.69	11,533,000
	2000	17,689,000	Pound	0.58	8,668,000
Other	2001	1,925,000	Pound	0.64	1,232,000
	2000	1,925,000	Pound	0.39	751,000
Beeswax	2001	105,000	Pound	1.26	132,000
	2000	105,000	Pound	1.17	123,000
Pollination ^b	2001	160,000	Colony	30.80	4,928,000
	2000	166,000	Colony	23.50	3,901,000
TOTAL	2001				17,825,000
	2000				13,443,000

^a From bee colonies registered in Tulare County during 2001 citrus bloom period.

^b Estimated number of colonies required for adequate pollination.

Livestock & Poultry

Increases in the number of head of cattle and hogs, in addition to improved prices, increased the total value of livestock by 14% for 2001. Cattle and calves had the largest net increase in value of 17%, followed by hogs at 2.7%. Turkey prices fell by 0.7% from 2000.

Crop	Year	Number of Head	Total Liveweight	Unit	Value	
					Per Unit	Total
Cattle & Calves	2001	538,000	X	Head	815.00	438,470,000
	2000	495,000	X	Head	788.00	375,210,000
Lambs	2001	13,100	1,248,000	Pound	0.67	836,000
	2000	12,900	1,224,000	Pound	0.78	955,000
Hogs & Pigs	2001	294,000	X	Head	103.00	30,282,000
	2000	292,000	X	Head	101.00	29,492,000
Turkeys	2001	889,000	21,960,000	Pound	1.34	29,426,000
	2000	889,000	21,960,000	Pound	1.35	29,636,000
Miscellaneous*	2001	X	X	X	X	16,914,000
	2000	X	X	X	X	16,810,000
TOTAL	2001					515,928,000
	2000					452,103,000

*Includes: Aquaculture, Beneficial Organisms, Chickens, Escargot, Fish Bait, Game Birds, Goats, Pet Food, Pigeons, Pullets, Rabbits, Sheep, and Turkey Breeders.

Livestock & Poultry Products

While the volume of milk production increased by almost 11% over last year, the price also improved by \$2.43 per hundred-weight. This propelled milk to a record high of well over \$1 billion dollars.

Crop	Year	Production	Unit	Value	
				Per Unit	Total
Manure ^a	2001	2,250,000	Ton	2.74	6,165,000
	2000	2,065,000	Ton	2.74	5,658,000
Milk - Market	2001	83,812,000	Cwt.	13.74	1,151,577,000
	2000	75,622,000	Cwt.	11.31	855,285,000
Manufacturing	2001	197,000	Cwt.	13.04	2,569,000
	2000	191,000	Cwt.	10.10	1,929,000
Miscellaneous ^b	2001	X	X	X	7,685,000
	2000	X	X	X	8,823,000
TOTAL	2001				1,167,996,000
	2000				871,695,000

^aIncludes: Dairy and Poultry Manure.

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

Seed Crops

Seed crops declined in harvested acreage, production and price. This resulted in a 42% decrease in the value of seed crop commodities compared to 2000.

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Cotton - Registered or Certified ^a	2001	3,116	X	3,120	Ton	159.00 ^b	496,000
	2000	3,982	X	3,980	Ton	220.00	876,000
Miscellaneous ^c	2001	62	X	X	X	X	65,600
	2000	194	X	X	X	X	98,700
TOTAL	2001	62					561,600
	2000	194					974,700

^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 slight rise in the board foot price did not offset the reduction in volume of timber harvested and the overall value of miscellaneous categories declined from 2000. This resulted in a 24% decrease in industrial commodities category for 2001.

Crop	Year	Production		Value	
		Total	Unit	Per Unit	Total
Timber harvested ^a	2001	5,445,000	Board Ft.	0.281	1,530,000
	2000	7,894,000	Board Ft.	0.267	2,108,000
Miscellaneous ^b	2001	X	X	X	1,403,000
	2000	X	X	X	1,774,000
TOTAL	2001				2,933,000
	2000				3,882,000

^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.

SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
FIELD CROPS	2001	1,228,776	301,079,000
	2000	1,232,981	282,041,500
VEGETABLE CROP	2001	14,334	52,221,000
	2000	8,166	35,478,000
FRUIT & NUT CROPS	2001	312,881	1,370,288,000
	2000	326,567	1,336,284,000
NURSERY PRODUCTS	2001	X	65,175,000
	2000	X	72,747,000
APIARY PRODUCTS	2001	X	17,825,000
	2000	X	13,443,000
LIVESTOCK & POULTRY	2001	X	515,928,000
	2000	X	452,103,000
LIVESTOCK & POULTRY PRODUCTS	2001	X	1,167,996,000
	2000	X	871,695,000
SEED CROPS	2001	62	561,600
	2000	194	974,700
INDUSTRIAL CROPS	2001	X	2,933,000
	2000	X	3,882,000
GRAND TOTAL	2001	1,556,053	3,494,006,600
	2000	1,567,908	3,068,648,200

MILLION DOLLAR PRODUCTS

2001 Ranking	2001 Total Value	2000 Ranking
1	Milk \$1,154,146,000	1
2	Oranges - Navel & Valencia \$530,526,000	2
3	Cattle & Calves \$438,470,000	4
4	Grapes \$361,515,000	3
5	Alfalfa - Hay & Silage \$100,560,000	7
6	Plums \$92,340,000	5
7	Cotton - Lint & Seed \$79,863,000	6
8	Nectarines \$70,092,000	9
9	Corn - Grain & Silage \$55,592,000	10
10	Peaches - Cling & Freestone \$54,851,000	8
11	Nursery - Ornamental Trees & Shrubs \$43,328,000	11
12	Olives \$42,248,000	22
13	Walnuts \$39,060,000	12
14	Pistacho Nuts \$31,030,000	17
15	Hogs & Pigs \$30,282,000	14
16	Turkeys \$29,426,000	13
17	Almonds (meats and hulls) \$29,256,000	15
18	Lemons \$21,999,000	19
19	Pasture & Range \$21,484,000	18
20	Silage - Small Grain \$21,300,000	21
21	Tangerines \$19,897,000	16
22	Kiwifruit \$13,912,000	20
23	Honey \$12,765,000	26
24	Cherries \$9,665,000	28
25	Wheat - Grain & Seed \$9,645,000	23
26	Prunes \$9,065,000	25
27	Broccoli \$6,669,000	42
28	Manure \$6,165,000	34
29	Snap Beans - Fresh \$5,821,000	38
30	Grapefruit \$5,746,000	24
31	Pomegranates \$5,728,000	30
32	Nursery - Grape & Berry Vines \$5,688,000	32
33	Persimmons \$5,644,000	29
34	Apricots \$5,469,000	27
35	Nursery - Citrus & Subtropical Trees \$5,218,000	31
36	Apples \$5,122,000	33
37	Pollination \$4,928,000	39
38	Beans - Dry \$4,822,000	36
39	Nursery - Deciduous Fruit & Nut Trees \$4,758,000	37
40	Cauliflower \$4,372,000	47
41	Pears & Asian Pears \$4,366,000	35
42	Cucumbers \$2,431,000	48
43	Quince \$2,384,000	46
44	Pecans \$2,356,000	41
45	Avocados \$2,094,000	49
46	Sudan Grass \$2,044,000	44
47	Timber Harvested \$1,530,000	45
48	Tomatoes (fresh) \$1,390,000	43
49	Sugar Beets \$1,308,000	40
50	Nursery - Foliage Plants & Cut Flowers \$1,111,000	50
51	Barley \$1,071,000	**

** Not ranked in 2000

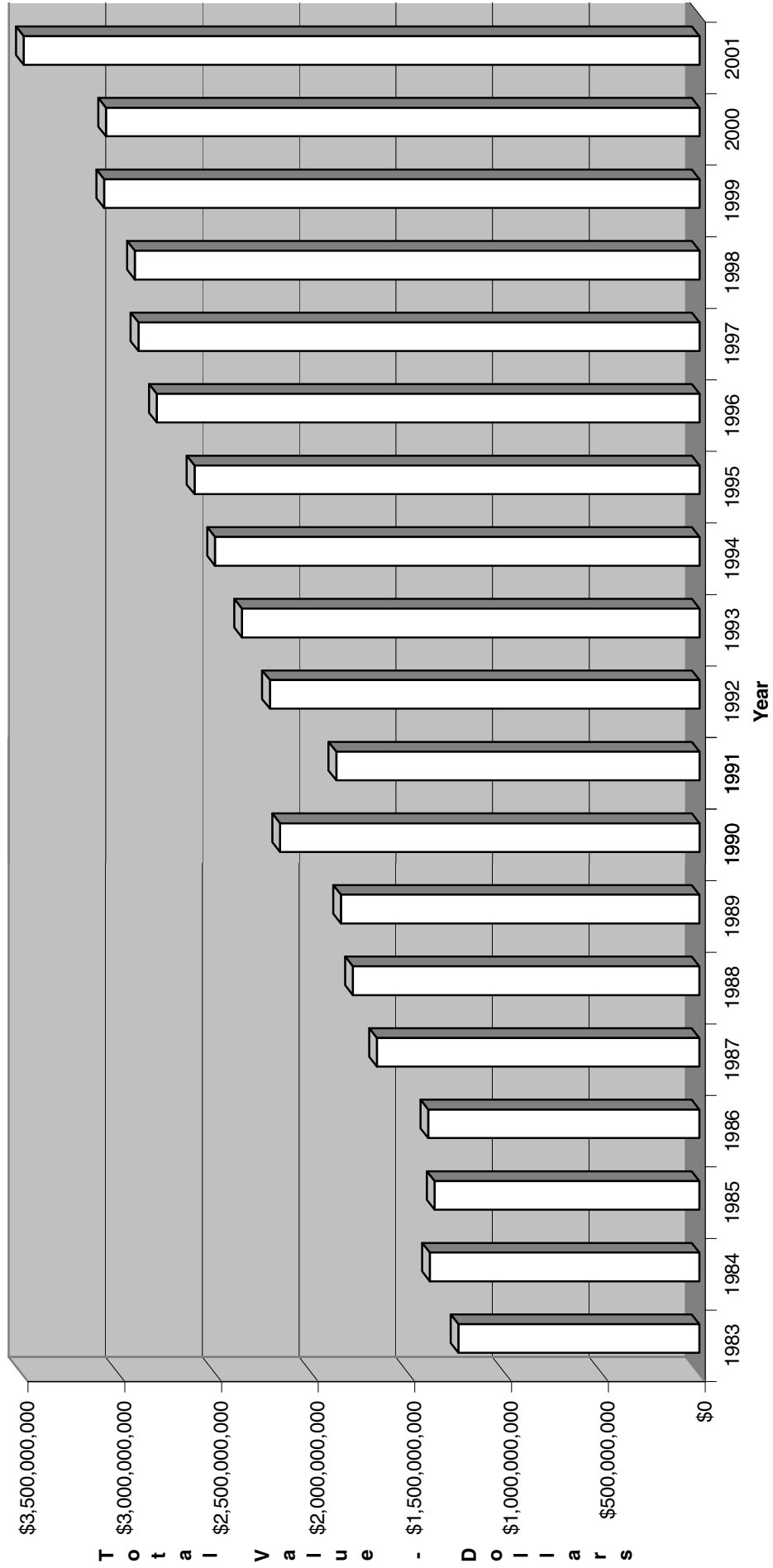
**TWENTY YEAR COMPARISON OF AGRICULTURE
INCOME IN TULARE COUNTY
1982-2001**

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
1991	\$1,878,425,400	2001	\$3,494,006,600

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

Almonds	50	Lemons	40
Apples	40	Nectarines	25
Apricots	24	Oranges	37.5
Avocados	25	Peaches (freestone)	25
Beans, snap	30	Pears, Asian Pears	11
Broccoli	23	Persimmons	11
Cauliflower	25	Pistachios	25
Cherries	18	Plums	28
Corn , sweet	50	Pomegranates	28
Figs	8	Prunes - fresh	28
Grapefruit	36	Quince	22
Grapes - juice	36	Squash	25
Grapes - table	21	Tangerines	25
Honeydew Melons	30	Tomatoes	25
Kiwifruit	7.5		

Tulare County 20 Year Comparison

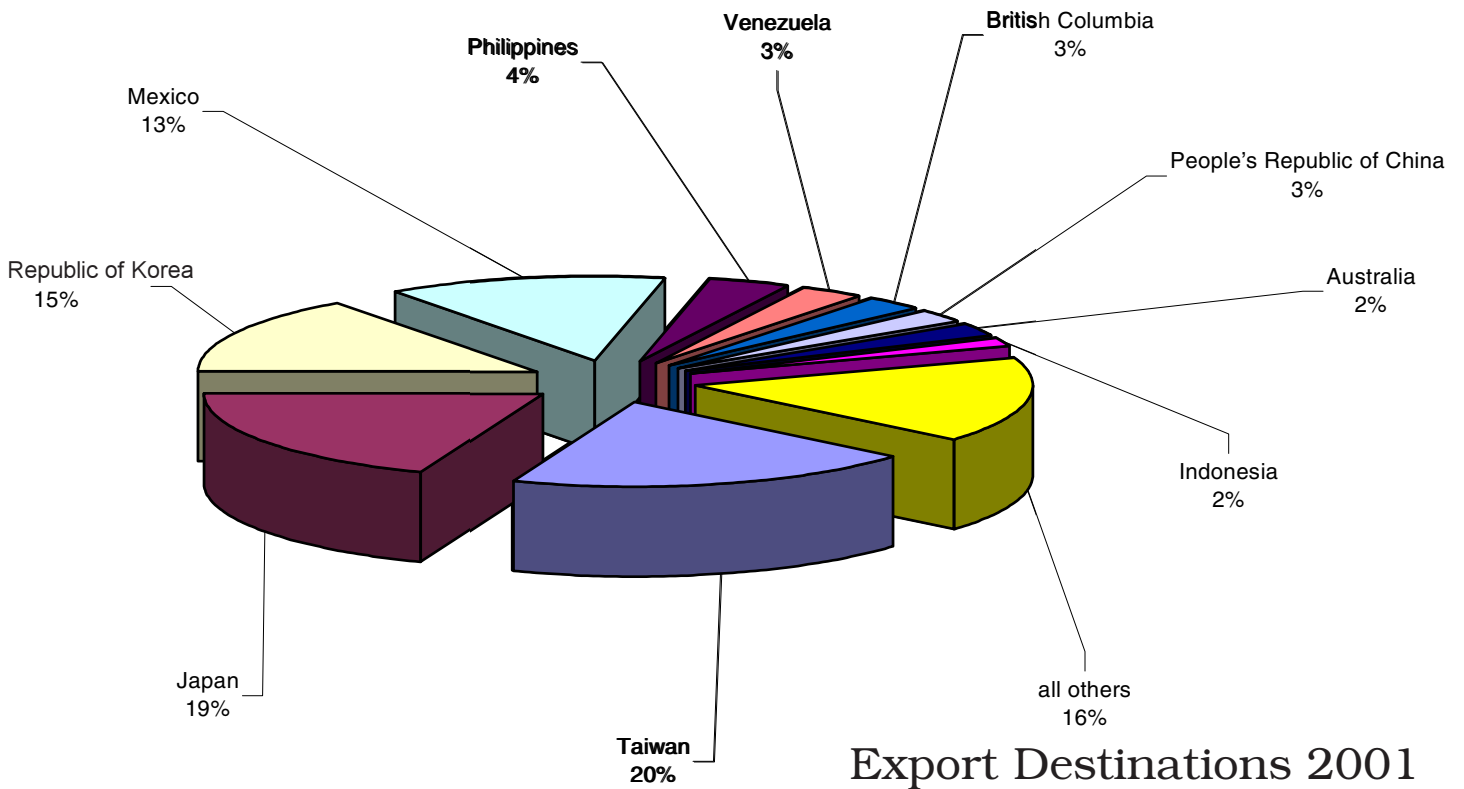
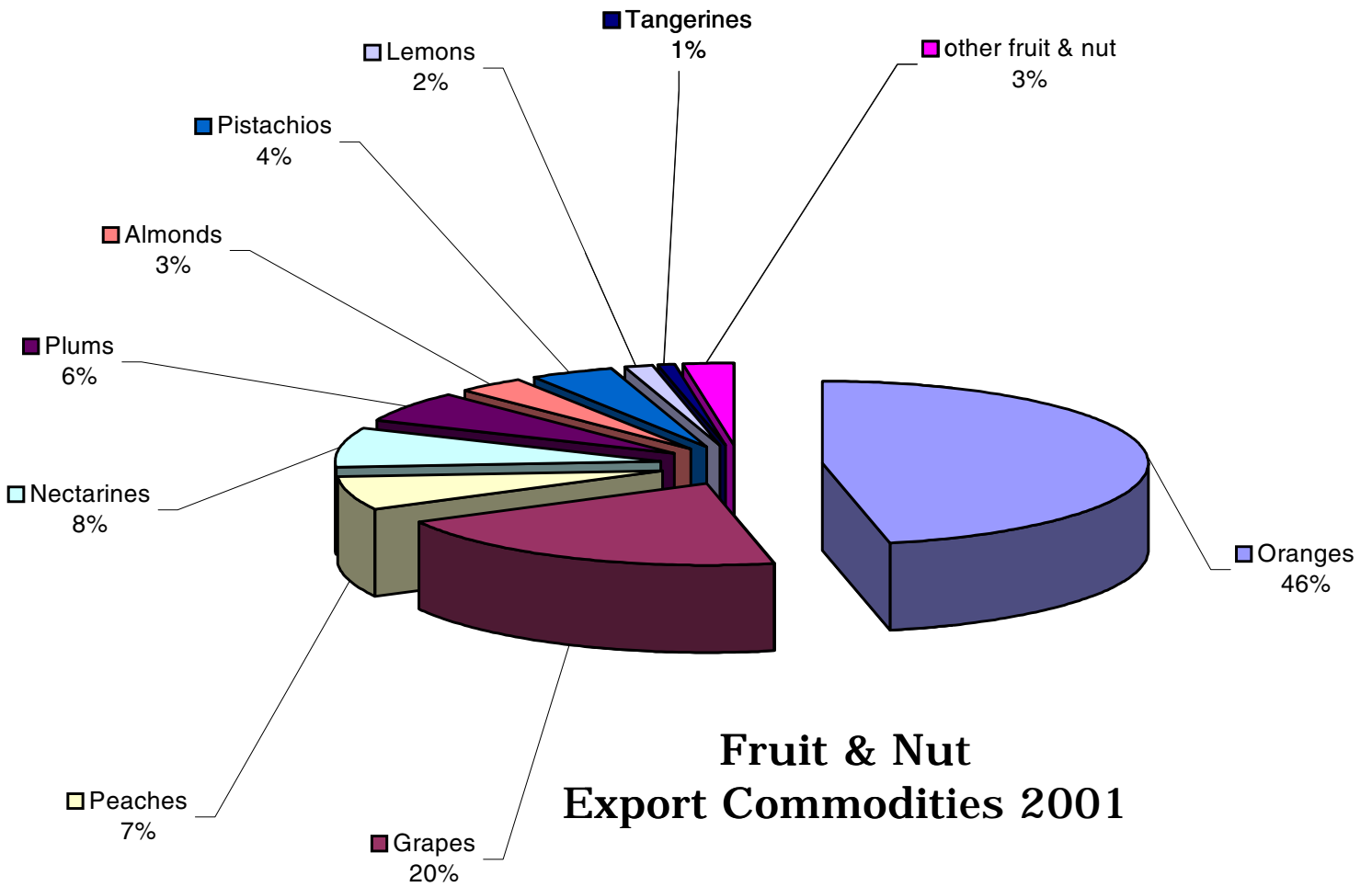


2001 PRODUCE EXPORTS TOP TEN COUNTRIES

COUNTRY	PHYTOSANITARY CERTIFICATES ISSUED	NUMBER OF CONTAINERS CERTIFIED
1. Taiwan	3452	4,487,437
2. Japan	4471	4,336,199
3. Republic of Korea	3295	3,402,346
4. Mexico	1986	3,013,820
5. Philippines	590	835,312
6. Venezuela	537	706,685
7. British Columbia	2424	652,547
8. Peoples Republic of China	395	572,209
9. Australia	1288	514,337
10. Indonesia	308	391,818

COUNTRIES RECEIVING TULARE COUNTY COMMODITIES IN 2001

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



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>	Upon demand
	Ladybird Beetle <i>Cleitostethus arcuatus</i>	Upon demand
Bull Thistle <i>Cirsium vulgare</i>	Seedhead Gall Fly <i>Urophora stylata</i>	7 sites
Comstock Mealybug <i>Pseudococcus comstocki</i>	Parasitic Wasps <i>Pseudoaphycus malinus</i> <i>Allotropa burrelli</i>	Upon demand
Cottony-Cushion Scale <i>Icerya purchasi</i>	Parasitic Fly <i>Cryptochetum iceryae</i>	Upon demand
	Vedalia Beetle <i>Rodolia cardinalis</i>	5 sites
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>	Upon demand
Silverleaf Whitefly <i>Bemesia argentifolia</i>	Parasitic Wasps <i>Eretmocerus</i> spp.	1 site
Yellow Star Thistle <i>Centaurea solstitialis</i>	Flowerhead Bud Weevil <i>Bangasternus orientalis</i>	Upon demand
	Flower Weevil <i>Larinus curtus</i>	2 sites
	Hairy Weevil * <i>Eustenopus villosus</i>	5 sites
	Peacock Fly <i>Chaetorellia succinea</i>	Upon demand
	Yellow Star Gall Fly <i>Urophora sirunaseva</i>	Upon demand

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

County Pest Detection

Target Pest

European Corn Borer
European Pine Shoot Moth
Glassy-winged Sharpshooter
Gypsy Moth
Japanese Beetle
Khapra Beetle
Mediterranean Fruit Fly
Melon Fruit Fly
Mexican/Carribbean Fruit Flies
Oriental Fruit Fly

Number of Traps

10
10
4221
146
84
54
529
91
153
89

Host Crops

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

Phytosanitary Trapping

Pest

Apple Maggot
Mediterranean Fruit Fly
Mediterranean Fruit Fly
Mediterranean Fruit Fly
Western Cherry Fruit Fly

Number of Traps

94
10
440
161
23

Host Crops

Apples
Cherries
Citrus
Table Grapes
Cherries

County Pest Eradication

Pest

Alligatorweed
Alternanthera philoxeroides

Pink Bollworm
Pectinophora gossypiella

Scotch Thistle
Onopordum acanthium

Agent/Mechanism

Mechanical/Chemical Control

Mechanical/Host Free Period

Mechanical/Chemical Control

Program Scope

105 plants

77, 070 acres

General distribution

Registered Organic Farming Statistics

Grower
Acres
Packers/Shippers
Certified Producers Certificates

35
2,430
7
169

**County Pest Exclusion
Pest Rejections**

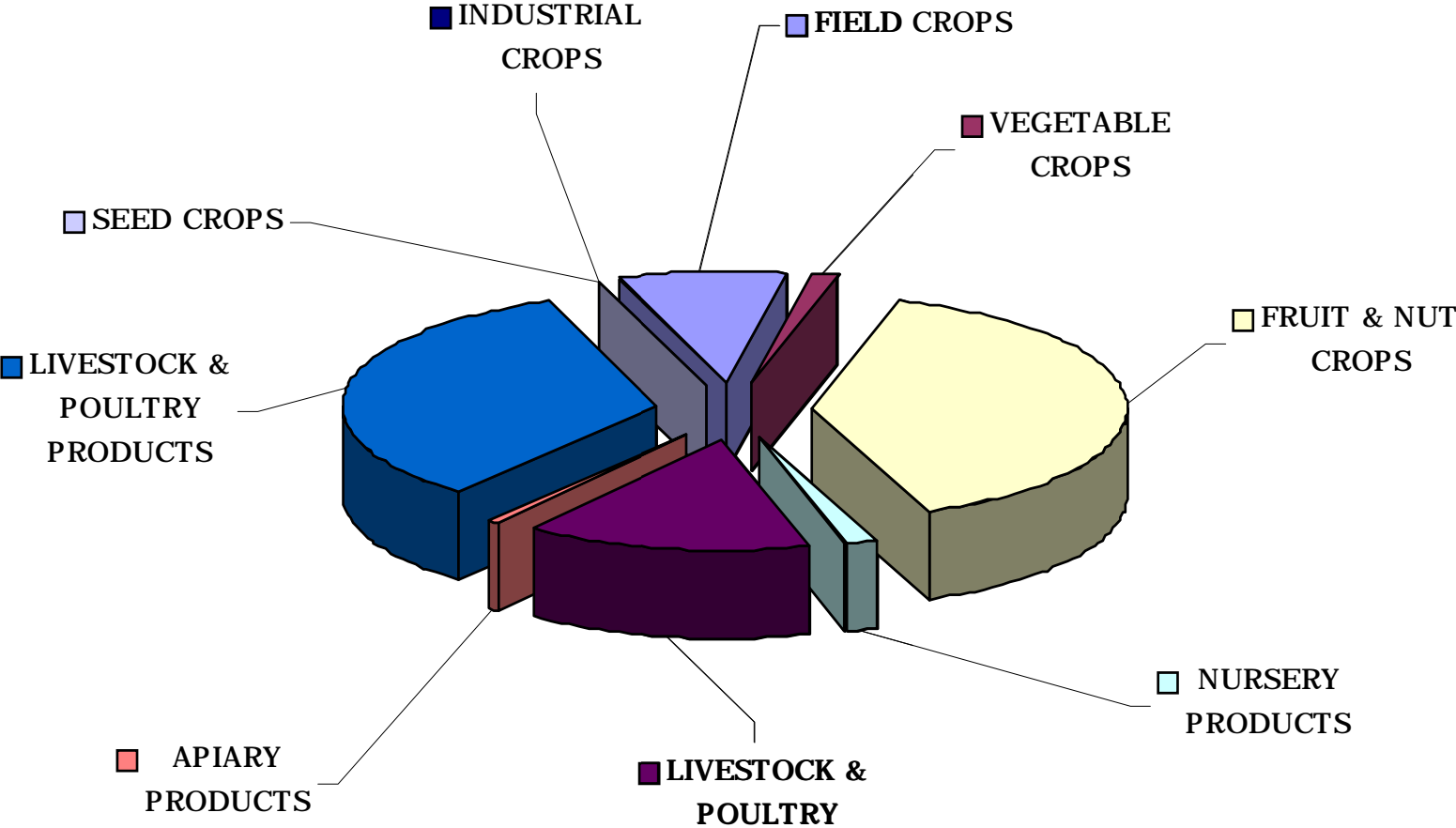
	Setting	Program Scope
B - Rated Green Shield Scale <i>Pulvinaria psidii</i>	Incoming Shipment	1 rejection/destroyed
B - Rated California Red Scale <i>Aonidiella aurantii</i>	Incoming Shipment	1 rejection/destroyed
B - Rated Flatid Planthopper <i>Siphontes acuta</i>	Incoming Shipment	1 rejection/destroyed
B - Rated Nantucket Pine Tip Moth <i>Rhyacionia frustrana</i>	Incoming Shipment	1 rejection/destroyed
Burrowing Nematode <i>Radophilus similis</i>	Incoming Shipments	3 rejections/destroyed
Cherry Fruit Fly <i>Rhagoletis indiffrens</i>	Incoming Shipment	1 rejection/destroyed
Citrus Canker <i>Xanthomonas campestris citri</i>	Incoming Shipment	1 rejection/destroyed
Citrus Pests	Incoming Shipments	2 rejections/destroyed
Citrus Tristeza Virus	Incoming Shipments	2 rejections/destroyed
Colorado Potato Beetle <i>Leptinotarsa decemlineata</i>	Incoming Shipment	1 rejection/destroyed
European Corn Borer <i>Ostrinia nubilalis</i>	Incoming Shipment	1 rejection/destroyed
Glassy-winged Sharpshooter <i>Homalodisca coagulata</i>	Incoming Shipments	111 rejections/returned or destroyed
Golden Nematode <i>Globodera rostochiensis</i>	Incoming Shipment	1 rejection/destroyed
Gypsy Moth <i>Lymantria dispar</i>	Incoming Shipments	6 rejections/destroyed
Japanese Beetle <i>Popilla japonica</i>	Incoming Shipments	6 rejections/destroyed
Magnolia White Scale <i>Psedaulacaspis cockerellii</i>	Incoming Shipment	1 rejection/destroyed
Markings	Incoming Shipments	100 rejections/destroyed or released
Mediterranean Fruit Fly <i>Ceratitis capitata</i>	Retail	10 rejections/destroyed

**County Pest Exclusion cont.
Pest Rejections**

	Setting	Program Scope
Mexican Fruit Fly <i>Anastrepha ludens</i>	Incoming Shipment	1 rejection/destroyed
Ozonium Root Rot <i>Phymatotrichum omnivorum</i>	Incoming Shipments	2 rejection/destroyed
Pecan Pests	Incoming Shipment	1 rejection/destroyed
Pecan Weevil <i>Curculio caryae</i>	Incoming Shipment	1 rejection/destroyed
Plum Curculio/Apple Maggot <i>Conotrachelus nenuphar/Rhagoletis pomonella</i>	Incoming Shipments	2 rejections/destroyed
Red Imported Fire Ant <i>Solenopsis invicta</i>	Incoming Shipment	1 rejection/destroyed
Sweetpotato Weevil <i>Cylas formicarius elegantulum</i>	Incoming Shipment	1 rejection/destroyed
Q- Rated Ants	Incoming Shipments	3 rejections/destroyed
Q - Rated Caterpillars	Incoming Shipments	2 rejections/destroyed
Q - Rated Leafhopper	Incoming Shipments	2 rejections/destroyed
Q - Rated Planthopper	Incoming Shipment	1 rejection/destroyed
Q - Rated Scales	Incoming Shipments	2 rejections/destroyed
Q - Rated Thrips	Incoming Shipment	1 rejection/destroyed

“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*

2001 Total Value Breakdown



2001 Crop Report Prepared By:
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