



DEPARTMENT OF AGRICULTURE AND MEASUREMENT STANDARDS

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2003

Mr. A.G. Kawamura, Secretary
California Department of Food & Agriculture
-and-
The Honorable Board of Supervisors
County of Kern

In accordance with Section 2279 of the California Food and Agriculture Code, I submit the Agricultural Crop Report for 2003.

The 2003 total value of agricultural commodities produced in Kern County continues to exceed \$2 Billion. The value for 2003 is \$2,477,716,000 which is a decrease of -4.5% over the 2002 revised crop value.

Due to significant budget cuts during the 2003/2004 fiscal year, the Department is unable to reproduce the Kern County Crop Report and make it available for distribution. The entire 2003 Kern County Crop Report can be found on the Department of Agriculture and Measurement Standards web site: www.co.kern.ca.us/kernag/crp_idx.html

These figures represent a **Gross** receipt of producers and **do not** take into account the various costs of production, marketing, or transportation. **No attempt is made to reflect net income of the producer.**

I want to thank all the producers and organizations who have supplied us with information.

Respectfully submitted,

Theodore K. Davis
Agricultural Commissioner/Sealer

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Note: Numbers published in this report may not compute exactly due to rounding.

Crop Report Compiled and Designed by:
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Top 20 Crops - 2003

	COMMODITY	VALUE	2002 RANKING
1.	Grapes, All	\$ 402,802,000	1
2.	Almonds, Including By-Products	280,504,000	4
3.	Citrus, Fresh & Processing	278,016,000	2
4.	Carrots, Fresh & Processing	269,132,000	3
5.	Milk, Market & Manufacturing	230,300,000	5
6.	Cotton, Including Processed Cottonseed	176,682,000	6
7.	Hay, Alfalfa	115,698,000	9
8.	Nursery Crops	100,702,000	8
9.	Potatoes, Fresh & Processing	83,241,000	10
10.	Cattle & Calves	67,868,000	11
11.	Pistachios	62,847,000	7
12.	Tomatoes, Fresh & Processing	36,892,000	13
13.	Bell Peppers, Fresh	36,700,000	12
14.	Silage & Forage	32,715,000	14
15.	Apples, All	27,762,000	15
16.	Wheat	17,513,000	16
17.	Apiary Products	17,018,000	22
18.	Onions, Fresh & Dehydrator	16,876,000	17
19.	Peaches, Fresh & Processing	12,873,000	19
20.	Plums	12,273,000	24

Permanent Acreage - 2003

CROP	YEAR	BEARING	NON-BEARING	TOTAL
Almonds	2003	89,936	2,408	92,344
	2002	94,067	1,462	95,529
Apples	2003	3,001	0	3,001
	2002	3,107	0	3,107
Apricots	2003	535	103	638
	2002	526	80	606
Cherries	2003	1,295	1,874	3,169
	2002	1,578	1,286	2,864
Figs	2003	799	0	799
	2002	803	0	803
Grapefruit	2003	772	47	819
	2002	803	51	854
Grapes, All	2003	82,427	1,180	83,607
	2002	85,257	2,786	88,043
Raisin	2003	22,229	162	22,391
	2002	23,648	60	23,708
Table	2003	31,938	782	32,720
	2002	31,549	1,804	33,353
Wine	2003	28,260	236	28,496
	2002	30,060	922	30,982
Kiwi	2003	239	110	349
	2002	217	110	327
Lemons	2003	2,442	445	2,887
	2002	3,477	27	3,504
Nectarines	2003	1,123	45	1,168
	2002	1,189	66	1,255
Olives	2003	452	0	452
	2002	829	0	829
Oranges, All	2003	36,964	944	37,908
	2002	35,964 ²	1,025	36,989

Permanent Acreage - 2003

CROP	YEAR	BEARING	NON-BEARING	TOTAL
Navels	2003	28,155	719	28,874
	2002	27,451	865	28,316
Valencias	2003	8,809	225	9,034
	2002	8,513	160	8,673
Peaches	2003	1,962	133	2,095
	2002	1,841	272	2,113
Pears	2003	122	0	122
	2002	198	0	198
Pecans	2003	587	0	587
	2002	558	0	558
Persimmons	2003	85	11	96
	2002	92	0	92
Pistachios	2003	37,995	8,617	46,612
	2002	33,590	10,551	44,141
Plums	2003	2,181	40	2,221
	2002	2,241	18	2,259
Pomegranates	2003	4,170	350	4,520
	2002	3,820	341	4,161
Prunes	2003	64	0	64
	2002	64	0	64
Tangerines & Tangelos	2003	3,134	578	3,712
	2002	2,311	1,274	3,585
Walnuts	2003	1,480	115	1,595
	2002	1,464	141	1,605
Miscellaneous	a/2003	97	10	107
	a/2002	97	10	107
Totals	2003	271,862	17,010	288,872
	2002	274,093	19,500	293,593

a/ Includes: Chestnut, Kumquat, Plumcot, and Pluot.

Fruit & Nut Crops - 2003

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Almonds	2003	89,936	1.14	a/102,300	Ton	\$ 2,610.00	\$ 267,061,000
	2002	94,067	1.15	a/108,000	Ton	\$ 2,080.00	\$ 224,862,000
Almond By-Products	2003	---	---	198,000	Ton	67.90	13,443,000
	2002	---	---	230,000	Ton	65.80	15,136,000
Apples, All	2003	3,001	15.16	45,500	Ton	---	27,762,000
	2002	3,107	17.03	52,900	Ton	---	27,411,000
Fresh	2003	---	---	33,600	Ton	771.00	25,919,000
	2002	---	---	35,800	Ton	721.00	25,822,000
Processing	2003	---	---	11,900	Ton	154.90	1,843,000
	2002	---	---	17,100	Ton	92.90	1,589,000
Apricots	2003	535	5.57	2,980	Ton	1,230.00	3,673,000
	2002	526	3.99	2,100	Ton	1,480.00	3,104,000
Cherries	2003	1,295	2.24	2,900	Ton	3,744.00	10,858,000
	2002	1,578	3.06	4,830	Ton	3,790.00	18,327,000
Citrus, All	2003	43,312	17.48	757,200	Ton	---	278,016,000
	2002	42,555	16.30	693,700	Ton	---	331,003,000
Grapefruit	2003	772	14.38	11,100	Ton	626.00	6,945,000
	2002	803	11.83	9,500	Ton	553.00	5,253,000
Lemons	2003	2,442	16.30	39,800	Ton	673.00	26,797,000
	2002	3,477	17.29	60,100	Ton	851.00	51,119,000
Oranges, Navels	2003	28,155	13.18	371,000	Ton	465.00	172,280,000
	2002	27,451	12.24	336,000	Ton	606.00	203,589,000
Oranges, Valencia	2003	8,809	12.03	106,000	Ton	428.00	45,319,000
	2002	8,513	14.10	120,000	Ton	446.00	53,524,000
Tangerine & Tangelo	2003	3,134	9.03	28,300	Ton	701.00	19,837,000
	2002	2,311	9.13	21,100	Ton	757.00	15,971,000
Processing, All Citrus	2003	---	---	201,000	Ton	34.00	6,838,000
	2002	---	---	147,000	Ton	10.50	1,547,000
Grapes, All	2003	82,427	7.94	654,440	Ton	---	402,802,000
	2002	85,257	9.06	772,120	Ton	---	414,554,000
<u>Raisin</u> <u>Variety</u>	b/2003	22,229	8.18	181,820	Ton	---	78,506,000
	b/2002	23,648	8.31	196,620	Ton	---	51,872,000
Fresh Market	2003	---	---	63,000	Ton	1,030.00	65,065,000
	2002	---	---	35,600	Ton	1,060.00	37,666,000

Fruit & Nut Crops - 2003

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Raisins	c/2003	---	---	10,510	Ton	\$ 590.00	\$ 6,253,000
	c/2002	---	---	16,540	Ton	\$ 433.00	\$ 7,162,000
Processing	2003	---	---	5,720	Ton	248.00	1,421,000
	2002	---	---	5,520	Ton	248.00	1,367,000
Crushed	2003	---	---	63,700	Ton	91.00	5,767,000
	2002	---	---	79,400	Ton	71.50	5,677,000
Juice	2003	---	---	---	Ton	---	---
	2002	---	---	---	Ton	---	---
<u>Table Variety</u>	2003	31,938	8.16	260,600	Ton	---	285,097,000
	2002	31,549	9.65	304,500	Ton	---	316,749,000
Fresh Market	2003	---	---	222,000	Ton	1,270.00	281,509,000
	2002	---	---	275,000	Ton	1,140.00	314,580,000
Crushed	2003	---	---	38,600	Ton	93.00	3,588,000
	2002	---	---	29,500	Ton	73.50	2,169,000
Raisin	2003	---	---	---	Ton	---	---
	2002	---	---	---	Ton	---	---
<u>Wine Variety</u>	2003	28,260	7.50	212,020	Ton	---	39,199,000
	2002	30,060	9.02	271,000	Ton	---	45,933,000
Crushed	2003	---	---	210,000	Ton	185.00	38,841,000
	2002	---	---	271,000	Ton	169.00	45,933,000
Juice	2003	---	---	2,020	Ton	177.00	358,000
	2002	---	---	---	Ton	---	---
Kiwi	2003	239	2.64	630	Ton	1,190.00	750,000
	2002	217	7.50	1,630	Ton	1,330.00	2,170,000
Nectarines	2003	1,123	4.72	5,300	Ton	950.00	5,046,000
	2002	1,189	5.82	6,920	Ton	1,220.00	8,410,000
Olives	2003	452	3.36	1,520	Ton	454.00	690,000
	2002	829	3.16	2,620	Ton	671.00	1,758,000
Peaches	2003	1,962	8.52	16,710	Ton	740.00	12,361,000
	2002	1,841	10.48	19,300	Ton	1,020.00	19,755,000
Pistachios	2003	37,995	0.72	d/27,300	Ton	2,300.00	62,847,000
	*2002	33,590	2.06	d/69,100	Ton	2,220.00	153,506,000
Plums	2003	2,181	9.44	20,600	Ton	596.00	12,273,000
	2002	2,241	8.70	19,500	Ton	570.00	11,117,000

Fruit & Nut Crops - 2003

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Walnuts	2003	1,480	1.70	d/2,520	Ton	\$ 884.00	\$ 2,227,000
	2002	1,464	1.37	d/2,010	Ton	\$ 1,000.00	\$ 2,018,000
Miscellaneous	e/2003	9,870	---	31,100	Ton	---	16,154,000
	*f/2002	6,760	---	15,700	Ton	---	11,501,000
Totals	2003	275,808	---	1,869,000	Ton	---	\$ 1,115,963,000
	*2002	275,221	---	2,000,430	Ton	---	\$ 1,244,632,000

*Revised

a/ Almond production stated in terms of Nut Meat Equivalents.

b/ Total production includes raisins on a Fresh Equivalent basis.

c/ A combined value reflecting free tonnage and reserve tonnage.

Dry Ratio: 2003 - 4.70 to 1 *2002 - 4.60 to 1

d/ Pistachio and Walnut production stated in terms of In-Shell Equivalents.

e/ Includes: Avocados, Blackberries, Blueberries, Brine Cherries, Bushberries, Chestnuts, Figs (Fresh & Dry), Kumquat, Peaches (Processing & Juice), Pears, Pecans, Persimmons, Plumcots, Pluots, Pomegranates (Fresh & Juice), Prunes, Quince, Raspberries, and Strawberries.

f/ Includes: Avocados, Blackberries, Blueberries, Boysenberries, Bushberries, Chestnuts, Figs (Fresh & Dry), Guava, Kumquats, Limes, Ollaliberries, Peaches (Processing), Pears, Pecans, Persimmons, Plumcots, Pluots, Pomegranates, Prunes, Quince, Raisin Grapes for Juice, Raspberries, Strawberries, and Table Grapes for Cannery.

Seed Crops - 2003

CROP	YEAR	HARVESTED ACRES	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Cotton	2003	10,981	11,200	Ton	a/\$ 211.00	\$ 2,359,000
	2002	9,748	10,600	Ton	a/\$ 211.00	\$ 2,233,000
Field	b/2003	1,180	3,250	Ton	---	392,000
	b/2002	1,040	901	Ton	---	105,000
Vegetable	c/2003	848	1,430	Ton	---	6,273,000
	d/2002	724	1,180	Ton	---	3,040,000
Totals	2003	e/2,028	15,880	Ton	---	\$ 9,024,000
	2002	e/1,764	12,681	Ton	---	\$ 5,378,000

a/ Includes a per acre approval.

b/ Includes: Barley, Blackeye, and Wheat Seed.

c/ Includes: Broccoli, Cabbage, Cauliflower, Lettuce, Onion, Peas, and Potato Seed.

d/ Includes: Broccoli, Cabbage, Carrot, Cauliflower, Lettuce, Onion, Pepper, Potato, and Radish Seed.

e/ Does not include cotton acreage.

Field Crops - 2003

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Barley	a/2003	5,460	1.50	8,200	Ton	\$ 104.00	\$ 851,000
	a/2002	9,100	1.80	16,400	Ton	\$ 115.00	\$ 1,889,000
Beans, Dry Edible	2003	3,539	1.63	5,780	Ton	533.00	3,078,000
	2002	4,381	1.39	6,100	Ton	540.00	3,291,000
Cotton Lint, Upland & Acala	2003	90,055	b/1,371	c/247,000	Bale	d/0.73	89,595,000
	2002	87,477	b/1,463	c/256,000	Bale	d/0.69	87,638,000
Cotton Lint, Pima	2003	42,055	b/1,109	c/93,300	Bale	d/1.20	55,994,000
	2002	43,615	b/1,364	c/119,000	Bale	d/0.86	51,257,000
Cottonseed, Processing	2003	---	---	126,000	Ton	247.00	31,093,000
	2002	---	---	133,000	Ton	213.00	28,284,000
Hay, Alfalfa	2003	150,000	8.62	1,293,000	Ton	89.50	115,698,000
	2002	148,000	8.04	1,190,000	Ton	94.30	112,180,000
Hay, Grain	2003	22,000	3.64	80,100	Ton	89.90	7,201,000
	2002	20,000	2.46	49,200	Ton	75.40	3,708,000
Hay, Other	2003	15,000	2.22	33,300	Ton	53.90	1,796,000
	2002	15,000	3.30	49,500	Ton	91.70	4,540,000
Pasture, Irrigated	2003	8,000	---	---	Acre	135.00	1,080,000
	2002	8,000	---	---	Acre	135.00	1,080,000
Pasture, Other	2003	---	---	---	Acre	---	2,791,000
	2002	---	---	---	Acre	---	3,273,000
Pasture, Range	2003	1,974,000	---	---	Acre	10.00	19,743,000
	*2002	1,989,000	---	---	Acre	10.00	19,888,000
Safflower	2003	1,150	1.22	1,400	Ton	263.00	368,000
	2002	1,160	0.82	950	Ton	248.00	236,000
Silage and Forage	2003	64,000	24.78	1,586,000	Ton	20.60	32,715,000
	*2002	58,500	24.31	1,422,000	Ton	19.70	27,961,000
Sugar Beets	2003	4,596	36.77	169,000	Ton	37.60	6,359,000
	*2002	3,251	38.76	126,000	Ton	37.90	4,774,000
Wheat	2003	74,100	2.00	148,000	Ton	118.00	17,513,000
	2002	74,000	3.16	234,000	Ton	110.00	25,674,000
Miscellaneous	e/2003	7,500	---	15,900	Ton	---	1,053,000
	*e/2002	6,200	---	11,600	Ton	---	600,000
Totals	2003	f/487,455	---	---	---	---	\$ 386,928,000
	*2002	f/478,684	---	---	---	---	\$ 376,273,000

*Revised a/ May contain dryland b/ Pounds Lint per Acre 7 c/ 500 Pound Net Weight Bale d/ Price per Pound
e/ Includes: Clover, Field Corn (Grain), Oats, Rye, Sorghum, and Straw. f/ Does not include Range acreage.

Vegetable Crops - 2003

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE	
Cantaloupe	2003	991	16.65	16,500	Ton	\$ 353.00	\$ 5,825,000	
	2002	1,109	15.33	17,000	Ton	\$ 273.00	\$ 4,641,000	
Corn, Sweet	2003	102	6.05	620	Ton	600.00	372,000	
	2002	181	6.83	1,240	Ton	348.00	432,000	
Garlic, Dehydrator	2003	4,387	7.93	34,800	Ton	189.00	6,583,000	
	2002	3,608	6.68	24,100	Ton	204.00	4,923,000	
Garlic, Fresh	2003	0	0	0	Ton	0	0	
	2002	1,804	6.42	11,600	Ton	1,430.00	16,584,000	
Lettuce, Head	2003	1,110	17.18	19,070	Ton	---	5,772,000	
		Naked Pack	---	---	8,780	Ton	344.00	3,018,000
		Wrapped Pack	---	---	1,100	Ton	505.00	555,000
		Bulk Shredder	---	---	9,190	Ton	239.00	2,199,000
Lettuce, Head	2002	1,140	17.99	20,510	Ton	---	8,423,000	
		Naked Pack	---	---	8,880	Ton	384.00	3,413,000
		Wrapped Pack	---	---	2,770	Ton	692.00	1,918,000
		Bulk Shredder	---	---	8,860	Ton	349.00	3,092,000
Melons, Other	2003	770	12.47	9,600	Ton	442.00	4,241,000	
	2002	566	13.51	7,640	Ton	343.00	2,623,000	
Onions, Fresh	2003	2,300	26.96	62,000	Ton	159.00	9,835,000	
	2002	1,840	26.74	49,200	Ton	294.00	14,452,000	
Onions, Dehydrator	2003	4,030	21.17	85,300	Ton	82.50	7,041,000	
	2002	3,570	21.85	78,000	Ton	112.00	8,742,000	
Peppers, Bell	2003	1,909	18.13	34,600	Ton	1,061.00	36,700,000	
	2002	1,730	20.12	34,800	Ton	1,090.00	37,761,000	

Vegetable Crops - 2003

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Potatoes, All	2003	26,459	19.98	528,520	Ton	---	\$ 83,241,000
	2002	23,050	21.90	504,800	Ton	---	\$ 104,824,500
<u>Spring Total</u>	2003	16,909	22.50	380,400	Ton	---	53,920,000
	2002	15,890	26.51	421,300	Ton	---	83,843,000
Fresh Market	2003	---	---	245,000	Ton	\$ 180.00	43,981,000
	2002	---	---	257,000	Ton	\$ 274.00	70,470,000
Processing	2003	---	---	74,100	Ton	130.00	9,633,000
	2002	---	---	100,000	Ton	131.00	13,052,000
Culls	2003	---	---	61,300	Ton	5.00	306,000
	2002	---	---	64,300	Ton	4.99	321,000
<u>Winter Total</u>	2003	9,550	15.51	148,120	Ton	---	29,321,100
	2002	7,160	11.66	83,500	Ton	---	20,981,500
Fresh Market	2003	---	---	118,500	Ton	246.00	29,173,000
	2002	---	---	66,800	Ton	313.00	20,898,000
Culls	2003	---	---	29,620	Ton	5.00	148,000
	2002	---	---	16,700	Ton	5.00	83,500
Tomatoes, Fresh	2003	---	---	---	Ton	---	---
	2002	---	---	---	Ton	---	---
Tomatoes, Processing	2003	13,600	28.75	391,000	Ton	57.20	22,365,000
	2002	12,400	34.60	429,000	Ton	50.30	21,581,000
Watermelons, Seeded	2003	838	19.68	16,500	Ton	122.00	2,016,000
	2002	752	19.82	14,900	Ton	125.00	1,863,000
Watermelons, Seedless	2003	1,680	34.58	58,100	Ton	162.00	9,388,000
	2002	1,510	27.42	41,400	Ton	190.00	7,852,000
Miscellaneous	a/2003	38,800	---	1,293,000	Ton	---	308,981,000
	*b/2002	39,800	---	1,254,000	Ton	---	317,528,000
Totals	2003	96,976	---	2,549,610	Ton	---	\$ 502,360,000
	*2002	93,060	---	2,488,190	Ton	---	\$ 552,229,500

*Revised

a/ Includes: Anise, Artichoke, Arugula, Asparagus, Beans (Snap), Bok Choy, Broccoli, Butter Lettuce, Cabbage (Fresh & Processed), Cactus, Carrots, Cauliflower (Fresh & Processed), Celery, Chard, Chinese Greens, Cilantro, Collard, Cucumber, Daikon, Dandelion, Dill, Eggplant, Gai Lon, Herbs, Kale, Leaf Lettuce, Leek, Mixed Vegetables, Mushrooms, Mustard, Okra, Onions (Green), Parsley, Peas, Peppers (Chili & Processed), Pumpkins, Radishes, Red Beets, Romaine Lettuce, Spinach, Squash, Sweet Potatoes, Tomatoes (Fresh), Turnips, and Zucchini.

b/ Includes: Anise, Artichoke, Arugula, Asparagus, Beans (Snap), Bok Choy, Broccoli, Brussel Sprouts, Butter Lettuce, Cabbage, Carrots, Cauliflower, Celery, Chard, Chicory, Chinese Greens, Cilantro, Collard, Cucumber, Daikon, Dandelion, Dill, Eggplant, Gai Lon, Gourds, Herbs, Kale, Kohlrabi, Leaf Lettuce, Leek, Lima Beans, Mixed Vegetables, Mushrooms, Mustard, Okra, Onions (Green), Parsley, Parsnip, Peas, Peppers (Chili & Processed), Pumpkins, Radicchio, Radishes, Red Beets, Romaine Lettuce, Rutabaga, Spinach, Squash, Sweet Potatoes, Tomatoes (Fresh), Turnips, Yams, and Zucchini (Processed).

Nursery Crops - 2003

CROP	YEAR	HARVESTED ACRES	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Christmas Trees	2003	---	1,740	Tree	---	\$ 15,000
	2002	---	1,860	Tree	---	\$ 50,000
Fruit and Nut Trees & Vines	a/2003	534	11,173,000	Plant	---	26,809,000
	a/2002	464	11,891,000	Plant	---	29,552,000
Herbaceous Plants	2003	---	---	---	---	2,994,000
	2002	---	---	---	---	4,448,000
Ornamental Trees & Shrubs	a/2003	26	70,300	Plant	---	643,000
	a/2002	32	41,900	Plant	---	944,000
Propagative Material	2003	---	---	---	---	1,689,000
	2002	---	---	---	---	787,000
Roses	2003	1,548	22,603,000	Plant	\$ 2.24	50,558,000
	2002	1,973	28,620,000	Plant	\$ 2.13	61,047,000
Turf	2003	1,851	77,931,000	Sq Ft	0.23	17,994,000
	2002	1,755	77,406,000	Sq Ft	0.24	18,555,000
Totals	2003	3,959	---	---	---	\$ 100,702,000
	2002	4,224	---	---	---	\$ 115,383,000

a/ Includes container grown plants.

Industrial & Wood Crops - 2003

CROP	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Biomass & Composting	2003	521,000	Ton	---	\$ 7,272,000
	2002	882,000	Ton	---	\$ 12,113,000
Timber	a/2003	521,000	Brd Ft	---	190,000
	a/2002	0	Brd Ft	---	0
Wood for Fuel	2003	1,170	Cord	b/\$ 218.00	255,000
	2002	1,410	Cord	b/\$ 226.00	318,000
Totals	2003	---	---	---	\$ 7,717,000
	2002	---	---	---	\$ 12,431,000

a/ Previous year's production and value based on information provided by : Timber Tax Division, Property Tax Department, State Board of Equalization.

b/ Price includes U.S. Forest Service Permits for woodcutting.

Livestock & Poultry - 2003

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL LIVEWEIGHT	UNIT	UNIT VALUE	TOTAL VALUE
Cattle & Calves	2003	258,000	1,005,000	Cwt	\$67.50	\$ 67,868,000
	2002	235,000	943,000	Cwt	58.80	55,445,000
Sheep & Lambs	2003	120,000	128,000	Cwt	88.60	11,339,000
	*2002	121,000	138,000	Cwt	78.70	10,867,000
Hogs	2003	2,607	5,740	Cwt	35.70	205,000
	2002	2,392	5,260	Cwt	34.20	180,000
Ostriches	2003	4,693	--	--	--	1,076,000
	2002	4,583	--	--	--	1,065,000
Misc.	a/2003	--	--	--	--	752,000
	a/2002	--	--	--	--	543,000
TOTALS	2003	--	--	--	--	\$81,240,000
	*2002	--	--	--	--	68,100,000

*Revised

a/ Includes: Game Birds for Meat, Registered Freshwater Aquaculturists, and Other.

Livestock & Poultry Products - 2003

PRODUCT	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Milk, Market	2003	20,117,000	Cwt	\$11.40	\$ 229,933,000
	2002	17,522,000	Cwt	10.90	191,345,000
Milk, Manufacturing	2003	31,000	Cwt	11.80	367,000
	2002	26,600	Cwt	10.10	269,000
Manure	2003	437,000	Ton	--	460,000
	2002	418,000	Ton	--	858,000
Wool	2003	1,089,000	Lb	0.80	871,000
	2002	1,171,000	Lb	0.70	820,000
Other Livestock Products	2003	--	--	--	25,133,000
	2002	--	--	--	13,340,000
TOTALS	2003	--	--	--	\$256,764,000
	2002	--	--	--	206,632,000

Apiary Products - 2003

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Honey	2003	4,353,000	Lb	\$ 1.42	\$ 6,181,000
	*2002	3,192,000	Lb	\$ 1.32	\$ 4,214,000
Beeswax	2003	544,000	Lb	1.30	707,000
	*2002	399,000	Lb	1.32	527,000
Pollination	2003	201,000	Colony	50.30	10,101,000
	2002	210,000	Colony	44.50	9,350,000
Other Apiary Products	2003	---	---	---	29,000
	2002	---	---	---	210,000
Totals	2003	---	---	---	\$ 17,018,000
	*2002	---	---	---	\$ 14,301,000

*Revised

Summary - 2003

COMMODITY	YEAR	HARVESTED ACRES	RANGE	TOTAL VALUE
Fruit & Nut Crops	2003	275,808	---	\$ 1,115,963,000
	*2002	275,221	---	\$ 1,244,632,000
Field Crops & Rangeland	2003	487,455	1,974,000	386,928,000
	*2002	478,684	1,989,000	376,273,000
Vegetable Crops	2003	96,976	---	502,360,000
	*2002	93,060	---	552,229,500
Nursery Crops	2003	3,959	---	100,702,000
	2002	4,224	---	115,383,000
Industrial & Wood Crops	2003	---	---	7,717,000
	2002	---	---	12,431,000
Seed Crops	2003	2,028	---	9,024,000
	2002	1,764	---	5,378,000
Livestock & Poultry	2003	---	---	81,240,000
	*2002	---	---	68,100,000
Livestock & Poultry Products	2003	---	---	256,764,000
	2002	---	---	206,632,000
Apiary Products	2003	---	---	17,018,000
	*2002	---	---	14,301,000
Totals	2003	866,226	1,974,000	\$ 2,477,716,000
	*2002	852,953	1,989,000	\$ 2,595,359,500
Total value without Timber	2003			\$ 2,477,526,000
	*2002			\$ 2,595,359,500

*Revised

Pest Prevention & Control - 2003

PEST EXCLUSION

<u>INSPECTION TYPE</u>	<u>PREMISES VISITED</u>	<u>SHIPMENTS INSPECTED</u>	<u>REJECTIONS</u>	<u>PESTS A or Q</u>
Post Office	539	5,500	9	0
UPS	487	1,963	7	0
Federal Express	330	5,998	12	0
Gypsy Moth	36	19	0	0
Truck	127	127	6	1
Specialty Market	10	28	1	0
Swap Meets	0	0	0	0

EXPORT TRAPPING

<u>CROP</u>	<u>TRAPS DEPLOYED</u>	<u>COUNTRY</u>	<u>PEST</u>
Apples	173	Various	Apple Maggot (<u>Rhagoletis pomonella</u>)
Citrus	161	China	Mediterranean Fruit Fly (<u>Ceratitis capitata</u>)
Grapes	110	China	Mediterranean Fruit Fly (<u>Ceratitis capitata</u>)

PEST DETECTION & TRAPPING

<u>TRAP NAME</u>	<u>NUMBER OF TRAPS DEPLOYED</u>
Jackson Trap	
Mediterranean Fruit Fly (<u>Ceratitis capitata</u>)	682
Melon Fruit Fly (<u>Bactrocera curcurbitae</u>)	236
Oriental Fruit Fly (<u>Bactrocera dorsalis</u>)	267
McPhail Trap	
Mexican Fruit Fly (<u>Anastrepha ludens</u>)	466
Delta Trap	
Gypsy Moth (<u>Lymantria dispar</u>)	378
Japanese Beetle Trap	346
(<u>Popillia japonica</u>)	
TrogoTrap Khapra Beetle	75
(<u>Trogoderma granarium</u>)	
European Corn Borer Trap	57
(<u>Ostrinia nubilalis</u>)	
European Pine Shoot Moth Trap	7
(<u>Rhyacionia buoliana</u>)	
Glassy-winged Sharpshooter	3,899
(<u>Homalodisca coagulata</u>)	

Pest Prevention & Control - 2003

BIOLOGICAL CONTROL ACTIVITIES

<u>PEST</u>	<u>AGENT</u>
Purple Loosestrife <u>Lythrum salicaria</u>	Leaf Beetle <u>Galerucella spp.</u>
Yellowstar Thistle <u>Centaurea solstitialis</u>	Hairy Weevil <u>Eustenopus villosus</u>
	Flower Weevil <u>Larinus curtus</u>
Puncture Vine <u>Tribulus terrestris</u>	Seed Weevil <u>Microlarinus lareynii</u>
	Stem-boring Weevil <u>Microlarinus lypriformis</u>
Glassy-winged Sharpshooter <u>Homalodisca coagulata</u>	Mymarid egg parasitoids <u>Gonatocerus ashmeadi</u> (ex Mexico) <u>Gonatocerus triguttatu</u> (ex Texas)

PEST ERADICATION

PINK BOLLWORM

Trapping*	85	Natives Detected (in Kern County)
Sterile Release*	281,040,424	Moths (approximately) (in San Joaquin Valley)
Plowdown	132,110	Acres

*Cooperative Pink Bollworm Project

DIRECT MARKETING & ORGANIC FARMING

DIRECT MARKETING PROGRAM

Direct Marketing is a system that allows Certified Producers to market their produce directly to consumers via Certified Farmers Markets. The Agricultural Commissioner/Sealer's Office regulates this program to insure that only certified produce is sold at Certified Farmers Markets.

Certified Farmers Market	6
Certified Producers	58

REGISTERED ORGANIC GROWER PROGRAM

Producers and growers who market their produce as "Organic" or "Organically Grown" must be certified by an accredited certifying agency and are required to register their organic fields with the state. The County Agricultural Commissioner/Sealer's Office inspects these fields to insure compliance with applicable laws and regulations.

Registered Growers	Registered Handlers	Registered Acres
20	1	14,723

Partial listing of registered crops: Alfalfa, Apples, Broccoli, Carrots, Cotton, Lettuce, Melons (Cantaloupe, Watermelons, etc.), Olives, Onions, Oranges, Potatoes, Raisins, Safflower, Stonefruit, Table Grapes, Tomatoes, and Wheat.