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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Kern County

1995-1999



Photo courtesy of Indian Point Ostrich Ranch, Tehachapi, CA

With sales approaching one million dollars in 1995, Kern County ostrich farming appears to be here to stay. The Golden State currently ranks third in ostrich production, only the African continent and the state of Texas are producing more ostriches than California. The Kern County Crop Report has reported ostrich information since 1991. The local industry has grown tremendously since that time, and the market for ostrich products has shown a steady increase since this latest wave started in the mid 1980's. With over 2,600 birds sold from Kern County ranches in 1995, today's ostrich production is a far cry from the single ostrich ranch located near Arvin in the 1920's. Breeding stock was even exported to Asia from this area in 1995.

Along with the feathers and hide, today's ostriches are being raised for their USDA approved red meat. The tax code was recently amended, and ostriches are now classified as poultry. As inventories grow and the number of birds going to slaughter increases, "the other red meat" should be more easily obtained nation-wide.

- - WORLD WIDE WEB - -

Visit the Kern County Agricultural Commissioner's Office **Home Page** on the Internet. Here you will find department facts, export certification information, current news releases, and the latest Kern County Crop Report.

**Our Web address is <http://chiba.netxn.com/~agcom15/>
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Crop Report Compiled By:
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THEODORE K. DAVIS

Agricultural Commissioner



JACK E. MARKS
Deputy Commissioner

LOUIE I. CERVANTES

Assistant Commissioner

DAVID J. MOORE
Deputy Commissioner

1995

Ms. Ann M. Veneman, Secretary
Calif. Dept. of Food & Agriculture
-and-
The Honorable Board of Supervisors
County of Kern

In accordance with Section 2279 of the Food and Agriculture Code,
I submit the Agricultural Crop Report for 1995.

The 1995 total value of agricultural commodities produced in Kern County is \$1,978,951,000; up slightly over the 1994 revised value. Grapes were again the number one crop with an increase of 8% over the previous year. This gain is attributable to production per acre and price increases.

The disastrous winter weather caused many crops to produce reduced per acre yields; cotton and almonds suffered the biggest reductions. Acala cotton suffered a -23% reduction from 1994; Pima cotton -34% reduction from 1994; Almonds -51% reduction from 1994.

Despite the reduced yields and reduced acreage for some crops the price for many crops was up dramatically. The increase in price for these crops offset the potential total value loss for 1995. Lettuce experienced a 369% increase over 1994, primarily due to a tremendously high spring price. Peaches, Plums, and Nectarines had significant increases over 1994 as well; acreage, production, and prices were all up. Peaches increased 127%; Nectarines increased 47%; Plums increased 58%. Stone fruit prices in general were the highest in the Valley due to an early market.

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.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Theodore K. Davis".

Theodore K. Davis
Agricultural Commissioner

KERN COUNTY CROP REPORT - 1995

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KERN COUNTY CROP REPORT - 1995

TOP TWENTY CROPS

		<u>1994 Rank</u>
1. Grapes	\$416,397,000	1
2. Cotton, Including Processing Cottonseed	293,315,000	2
3. Citrus, Fresh and Processing	230,828,000	3
4. Almonds, Including By-Products	168,030,000	4
5. Market Milk	101,917,000	6
6. Cattle & Calves	70,197,000	5
7. Nursery Crops	68,710,000	9
8. Pistachios	67,584,000	12
9. Hay, Alfalfa	65,302,000	7
10. Carrots, Fresh and Processing	64,693,000	10
11. Potatoes, Fresh and Processing	61,692,000	8
12. Apples, All	42,367,000	11
13. Lettuce	38,354,000	23
14. Plums	22,967,000	17
15. Onions, Fresh and Dehydrator	18,605,000	18
16. Peaches	17,369,000	25
17. Watermelons	17,156,000	13
18. Wheat	15,295,000	16
19. Sheep & Lambs	12,154,000	21
20. Nectarines	11,591,000	24

KERN COUNTY CROP REPORT - 1995 PERMANENT ACREAGE

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON BEARING</u>	<u>TOTAL</u>
Almonds	1995	67,638	18,474	86,112
	1994	72,591	10,398	82,989
Apples	1995	4,904	297	5,201
	1994	5,227	182	5,409
Apricots	1995	721	140	861
	1994	694	134	828
Cherries	1995	93	193	286
	1994	85	142	227
Figs	1995	404	111	515
	1994	398	97	495
Grapefruit	1995	964	384	1,348
	1994	877	377	1,254
GRAPES, ALL	1995	74,941	6,560	81,501
	1994	78,487	3,803	82,290
Raisin	1995	26,729	844	27,573
	1994	28,657	651	29,308
Table	1995	23,008	3,494	26,502
	1994	23,217	1,977	25,194
Wine	1995	25,204	2,222	27,426
	1994	26,613	1,175	27,788
Jojoba	1995	93	0	93
	1994	93	0	93
Kiwi	1995	410	0	410
	1994	549	0	549
Lemons	1995	3,067	134	3,201
	1994	3,212	162	3,374
Nectarines	1995	2,146	306	2,452
	1994	2,034	494	2,528
Olives	1995	2,052	84	2,136
	1994	2,014	38	2,052
ORANGES, ALL	1995	34,719	2,831	37,550
	1994	33,265	3,681	36,946
Navels	1995	25,531	2,641	28,172
	1994	24,714	3,048	27,762
Valencias	1995	9,188	190	9,378
	1994	8,551	633	9,184

KERN COUNTY CROP REPORT - 1995

PERMANENT ACREAGE

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON BEARING</u>	<u>TOTAL</u>
Peaches	1995	2,472	372	2,844
	1994	2,291	428	2,719
Pears	1995	448	16	464
	1994	437	53	490
Pecans	1995	646	12	658
	1994	646	12	658
Persimmons	1995	71	32	103
	1994	67	25	92
Pistachios	1995	21,181	7,209	28,390
	1994	18,996	9,236	28,232
Plums	1995	2,815	179	2,994
	1994	2,934	236	3,170
Pomegranates	1995	432	12	444
	1994	436	6	442
Prunes	1995	102	213	315
	1994	118	0	118
Tangerines & Tangelos	1995	1,332	38	1,370
	1994	1,300	108	1,408
Walnuts	1995	1,504	44	1,548
	1994	1,612	32	1,644
Misc.	a/1995	13	0	13
	b/1994	<u>10</u>	<u>0</u>	<u>10</u>
TOTALS	1995	223,431	37,763	261,194
	1994	228,373	29,644	258,017

a/Includes: Chestnut, Guava/Feijoa, Kumquat, and Loquat

b/Includes: Guava/Feijoa, Kumquat, and Loquat

KERN COUNTY CROP REPORT - 1995

FRUIT AND NUT CROPS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Almonds	1995	67,638	0.48	a/32,200	Ton	\$5,000.00	\$161,012,000
	1994	72,591	0.98	a/71,100	Ton	2,598.00	184,703,000
Almond By-Products	1995	---	---	75,700	Ton	92.70	7,018,000
	1994	---	---	126,000	Ton	81.00	10,201,000
APPLES, ALL	1995	4,904	18.23	89,400	Ton	---	42,367,000
	1994	5,227	22.80	119,100	Ton	---	56,184,000
Fresh	1995	---	---	54,300	Ton	671.00	36,435,000
	1994	---	---	81,000	Ton	661.00	53,505,000
Processing	1995	---	---	35,100	Ton	169.00	5,932,000
	1994	---	---	38,100	Ton	70.00	2,679,000
Apricots	1995	721	3.81	2,750	Ton	1,640.00	4,510,000
	1994	694	4.76	3,300	Ton	1,106.00	3,650,000
CITRUS, ALL	1995	40,082	15.10	605,000	Ton	---	230,828,000
	1994	38,654	15.40	596,600	Ton	---	231,097,000
Grapefruit	1995	964	14.30	13,800	Ton	340.00	4,687,000
	1994	877	13.90	12,200	Ton	354.00	4,317,000
Lemons	1995	3,067	15.65	48,000	Ton	622.00	29,855,000
	1994	3,212	18.60	59,600	Ton	584.00	34,828,000
Oranges, Navel	1995	25,531	11.67	298,000	Ton	443.00	131,877,000
	1994	22,714	12.30	304,000	Ton	437.00	132,779,000
Oranges, Valencia	1995	9,188	12.08	111,000	Ton	484.00	53,733,000
	1994	8,551	13.80	118,000	Ton	437.00	51,599,000
Tangerine & Tangelo	1995	1,332	9.16	12,200	Ton	554.00	6,759,000
	1994	1,300	10.20	13,300	Ton	400.00	5,318,000
Processing, All Citrus	1995	---	---	122,000	Ton	32.10	3,917,000
	1994	---	---	89,500	Ton	25.20	2,256,000
GRAPES, ALL	1995	74,941	9.84	737,730	Ton	---	416,397,000
	1994	78,487	8.43	661,290	Ton	---	385,138,000
<u>Raisin Variety</u>	b/1995	26,729	9.17	245,230	Ton	---	122,758,000
	b/1994	28,657	8.22	235,670	Ton	---	145,733,000
Fresh Market	1995	---	---	94,800	Ton	991.00	93,947,000
	1994	---	---	124,000	Ton	1,004.00	124,453,000
Raisins	c/1995	---	---	16,000	Ton	923.00	14,765,000
	c/1994	---	---	9,360	Ton	940.00	8,798,000

KERN COUNTY CROP REPORT - 1995

FRUIT AND NUT CROPS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Processing	1995	---	---	11,200	Ton	\$ 236.00	\$ 2,646,000
	1994	---	---	11,900	Ton	249.00	2,969,000
Crushed	1995	---	---	58,200	Ton	161.00	9,391,000
	1994	---	---	52,400	Ton	137.00	7,182,000
Juice	1995	---	---	4,230	Ton	475.00	2,009,000
	1994	---	---	5,250	Ton	444.00	2,331,000
<u>Table</u> <u>Variety</u>	1995	23,008	9.78	225,100	Ton	---	229,782,000
	1994	23,217	8.02	186,300	Ton	---	193,818,000
Fresh Market	1995	---	---	182,000	Ton	1,225.00	222,901,000
	1994	---	---	161,000	Ton	1,186.00	190,912,000
Crushed	1995	---	---	43,100	Ton	160.00	6,881,000
	1994	---	---	25,300	Ton	115.00	2,906,000
Raisin	1995	---	---	---	Ton	---	---
	1994	---	---	---	Ton	---	---
<u>Wine</u> <u>Variety</u>	1995	25,204	10.61	267,400	Ton	---	63,857,000
	1994	26,613	8.99	239,320	Ton	---	45,587,000
Crushed	1995	---	---	261,000	Ton	239.00	62,470,000
	1994	---	---	236,000	Ton	187.00	44,210,000
Juice	1995	---	---	6,400	Ton	217.00	1,387,000
	1994	---	---	3,320	Ton	414.00	1,377,000
Kiwi	1995	410	5.05	2,070	Ton	1,254.00	2,596,000
	1994	549	5.87	3,220	Ton	1,286.00	4,140,000
Nectarines	1995	2,146	4.42	9,480	Ton	1,223.00	11,591,000
	1994	2,034	4.30	8,750	Ton	904.00	7,907,000
Olives	1995	2,052	4.20	8,620	Ton	671.00	5,788,000
	1994	2,014	2.74	5,520	Ton	467.00	2,578,000
Peaches	1995	2,472	6.63	16,400	Ton	1,059.00	17,369,000
	1994	2,291	6.07	13,900	Ton	552.00	7,668,000
Pistachios	1995	21,181	1.66	d/35,200	Ton	1,920.00	67,584,000
	1994	18,996	1.56	d/29,600	Ton	1,862.00	55,158,000
Plums	1995	2,815	5.22	14,700	Ton	1,562.00	22,967,000
	1994	2,934	6.41	18,800	Ton	772.00	14,511,000
Walnuts	1995	1,504	2.26	d/3,400	Ton	1,227.00	4,172,000
	1994	1,612	2.42	d/3,900	Ton	910.00	3,549,000

KERN COUNTY CROP REPORT - 1995

FRUIT AND NUT CROPS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Misc.	e/1995	2,348	---	9,230	Ton	---	\$ 11,303,000
	f/1994	2,224	---	8,150	Ton	---	9,655,000
TOTALS	1995	223,214	---	1,641,880	Ton	---	\$1,005,502,000
	1994	228,307	---	1,669,230	Ton	---	976,139,000

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: 1994 - 4.50 to 1 1995 - 4.80 to 1

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

e/Includes: Bushberries, Cherries, Chestnuts, Figs (Fresh and Dry),

Guava/Feijoas, Kumquats, Peaches (Processed), All Pears, Pecans,

Persimmons, Pomegranates, Prunes, and Strawberries.

f/Includes: Bushberries, Cherries, Figs (Fresh and Dry), Guava/Feijoas,

All Pears, Pecans, Persimmons, Pomegranates, Prunes, and Strawberries.

SEED CROPS - 1995

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Cotton	1995	21,975	---	16,000	Ton	a/\$216.00	\$3,449,000
	1994	18,743	---	11,200	Ton	a/ 243.00	2,721,000
Field	b/1995	2,087	---	4,520	Ton	---	776,000
	b/1994	2,454	---	5,620	Ton	---	848,000
Vegetable	c/1995	246	---	81	Ton	---	760,000
	c/1994	216	---	49	Ton	---	610,000
TOTALS	1995	d/ 2,333	---	20,601	Ton	---	\$4,985,000
	1994	d/ 2,670	---	16,869	Ton	---	4,179,000

a/Includes a per acre approval.

b/Includes: Alfalfa, Barley, Blackeyes, Oats, Wheat, and Other.

c/Includes: Lettuce and Onions.

d/Does not include cotton acreage.

KERN COUNTY CROP REPORT - 1995

FIELD CROPS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Barley	1995	21,304	2.06	43,900	Ton	\$116.00	\$ 5,092,000
	1994	23,146	2.03	47,000	Ton	105.00	4,919,000
Beans, Dry Edible	1995	9,460	1.10	10,400	Ton	617.00	6,419,000
	1994	8,197	1.21	9,940	Ton	677.00	6,731,000
Cotton Lint, Acala	1995	275,443	a/970	b/540,000	Bale	c/0.84	224,431,000
	1994	252,754	a/1,260	b/636,000	Bale	c/0.78	248,209,000
Cotton Lint, Pima	1995	34,407	a/757	b/52,600	Bale	c/1.28	33,339,000
	1994	21,869	a/1,140	b/49,900	Bale	c/0.99	24,681,000
Cottonseed, Processing	1995	---	---	199,000	Ton	179.00	35,545,000
	1994	---	---	226,000	Ton	173.00	39,116,000
Hay, Alfalfa	1995	86,475	7.69	665,000	Ton	98.20	65,302,000
	1994	82,092	9.04	742,000	Ton	108.00	79,851,000
Hay, Grain	1995	8,500	2.84	24,100	Ton	67.80	1,634,000
	1994	8,500	3.31	28,100	Ton	71.30	2,003,000
Hay, Other	1995	3,500	2.43	8,500	Ton	109.00	927,000
	1994	3,500	2.91	10,200	Ton	84.60	863,000
Pasture, Irrigated	1995	10,000	---	---	Acre	112.00	1,120,000
	1994	10,000	---	---	Acre	112.00	1,120,000
Pasture, Other	1995	---	---	---	---	---	1,849,000
	1994	---	---	---	---	---	1,754,000
Pasture, Range	1995	2,196,653	---	---	Acre	5.00	10,983,000
	1994*	2,247,144	---	---	Acre	5.00	11,236,000
Safflower	1995	12,210	1.20	14,600	Ton	323.00	4,722,000
	1994	7,311	1.33	9,700	Ton	303.00	2,937,000
Silage & Forage	1995	13,500	17.00	230,000	Ton	18.20	4,191,000
	1994	15,000	19.10	287,000	Ton	19.10	5,479,000
Sugar Beets	1995	7,830	31.70	248,000	Ton	36.00	8,930,000
	1994	8,746	29.20	255,000	Ton	34.60	8,823,000
Wheat	1995	44,930	2.56	115,000	Ton	133.00	15,295,000
	1994	46,459	2.76	128,000	Ton	121.00	15,428,000
Misc.	d/1995	---	---	---	---	---	716,000
	e/1994	---	---	---	---	---	261,000
TOTALS	1995	527,559	---	---	---	---	\$420,495,000
	1994*	487,574	---	---	---	---	453,411,000

*Revised

a/Pounds Lint Per Acre b/495 Pounds Net Weight Bale c/Price Per Pound

d/Includes: Field Corn (Grain), Sorghum Grain, and Straw

e/Includes: Field Corn (Grain), Rye, Sorghum Grain, and Straw

KERN COUNTY CROP REPORT - 1995

VEGETABLE CROPS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Cantaloupes	1995	2,788	12.55	35,000	Ton	293.00	10,254,000
	1994	2,202	13.70	30,100	Ton	338.00	10,162,000
CARROTS, ALL	1995	27,681	33.70	933,000	Ton	---	64,693,000
	1994*	25,697	30.80	792,000	Ton	---	58,549,000
Fresh Market	1995	---	---	299,000	Ton	68.20	20,383,000
	1994*	---	---	254,000	Ton	78.00	19,813,000
Processing & Other	1995	---	---	634,000	Ton	69.90	44,310,000
	1994*	---	---	538,000	Ton	72.00	38,736,000
Corn, Sweet	1995	454	6.98	3,170	Ton	303.00	959,000
	1994*	460	6.88	3,165	Ton	407.00	1,288,000
Garlic, Dehydrator	1995	1,636	6.85	11,200	Ton	212.00	2,370,000
	1994	1,072	7.15	7,660	Ton	187.00	1,431,000
Garlic, Fresh	1995	1,003	6.63	6,650	Ton	1,179.00	7,840,000
	1994	1,992	7.28	14,500	Ton	1,034.00	15,000,000
Lettuce, Head	1995	3,620	18.30	66,130	Ton	---	38,354,000
Naked Pack		---	---	60,300	Ton	619.00	37,328,000
Wrapped Pack		---	---	---	Ton	---	---
Bulk Shredder		---	---	5,830	Ton	176.00	1,026,000
Lettuce, Head	1994	2,809	16.10	45,250	Ton	---	8,184,000
Naked Pack		---	---	39,100	Ton	187.00	7,299,000
Wrapped Pack		---	---	---	Ton	---	---
Bulk Shredder		---	---	6,150	Ton	144.00	885,000
Melons, Other	1995	783	15.80	12,400	Ton	356.00	4,414,000
	1994	1,389	17.90	24,800	Ton	281.00	6,974,000
Onions, Fresh	1995	1,258	25.40	32,000	Ton	267.00	8,530,000
	1994	1,099	21.80	23,900	Ton	147.00	3,520,000
Onions, Dehydrator	1995	7,129	18.00	128,000	Ton	79.00	10,075,000
	1994	6,539	19.10	125,000	Ton	78.00	9,691,000
Peppers, Bell	1995	1,652	8.30	13,700	Ton	745.00	10,215,000
	1994	1,499	12.90	19,400	Ton	515.00	9,991,000

KERN COUNTY CROP REPORT - 1995 VEGETABLE CROPS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
POTATOES, ALL	1995	20,074	16.00	321,000	Ton	\$ ---	\$ 61,692,000
	1994	21,556	18.70	402,900	Ton	---	79,070,000
Spring Total	1995	17,876	15.80	282,500	Ton	---	54,995,000
	1994	19,456	19.40	376,800	Ton	---	72,698,000
Fresh Market	1995	---	---	203,000	Ton	233.00	47,293,000
	1994	---	---	264,000	Ton	231.00	61,025,000
Processing	1995	---	---	63,200	Ton	121.00	7,653,000
	1994	---	---	91,700	Ton	125.00	11,462,000
Culls	1995	---	---	16,300	Ton	3.00	48,800
	1994	---	---	21,100	Ton	10.00	211,000
Winter Total	1995	2,198	17.59	38,670	Ton	---	6,697,000
	1994	2,100	12.40	26,130	Ton	---	6,372,000
Fresh Market	1995	---	---	35,800	Ton	186.00	6,664,000
	1994	---	---	24,200	Ton	262.00	6,351,000
Culls	1995	---	---	2,870	Ton	11.50	33,000
	1994	---	---	1,930	Ton	11.00	21,300
Tomatoes, Fresh	a/1995	---	---	---	Ton	---	---
	1994	1,267	15.10	19,100	Ton	467.00	8,932,000
Tomatoes, Processing	1995	5,500	33.60	185,000	Ton	52.00	9,620,000
	1994	4,800	35.40	170,000	Ton	49.20	8,364,000
Watermelons, Seeded	1995	2,939	21.00	61,700	Ton	104.00	6,409,000
	1994	3,360	26.50	89,000	Ton	161.00	14,318,000
Watermelons, Seedless	1995	3,123	16.80	52,500	Ton	205.00	10,747,000
	1994	1,655	23.40	38,800	Ton	204.00	7,909,000
Misc.	b/1995	5,037	---	35,000	Ton	---	14,895,000
	c/1994	2,885	---	22,600	Ton	---	13,021,000
TOTALS	1995	84,677	---	1,896,450	Ton	---	\$261,067,000
	1994*	80,281	---	1,828,175	Ton	---	256,404,000

*Revised

a/ 1995 Fresh Tomatoes reported as Miscellaneous.

b/Includes: Artichokes, Asparagus, Beans (snap), Broccoli, Cabbage, Cauliflower, Eggplant, Leaf Lettuce, Mixed Greens, Mushrooms, Napa Cabbage, Okra, Onions (Green), Parsnips, Pea Sprouts, Peppers (Chili and Processing), Pumpkins, Radishes, Red Beets, Rutabagas, Squash, Sweet Potatoes, Tomatoes (Fresh), and Turnips.

c/Includes: Asparagus, Beans (snap), Broccoli, Cabbage, Cauliflower, Eggplant, Leaf Lettuce, Mixed Greens, Mushrooms, Napa Cabbage, Okra, Parsnips, Pea Sprouts, Peppers (Chili and Processing), Pumpkins, Radishes, Red Beets, Rutabagas, Squash, Sweet Potatoes, and Turnips.

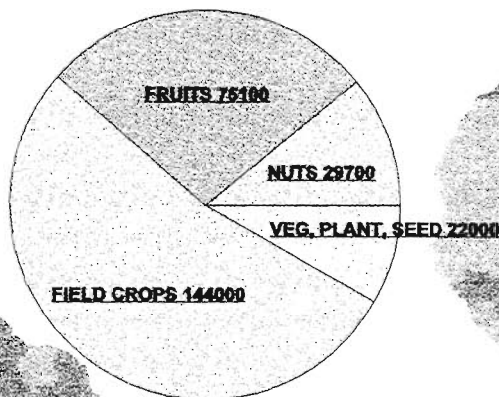
KERN COUNTY

SUMMARY OF OUR COUNTY'S

* KERN COUNTY

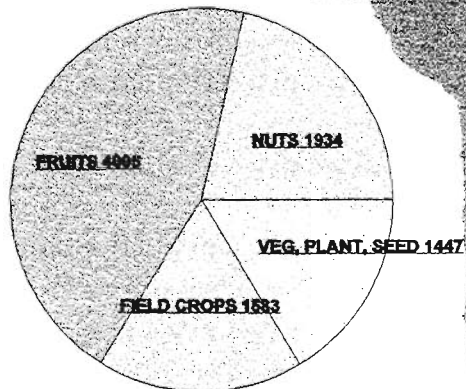
KERN CO EXPORTED VOLUME

FY 1994-95 TONNAGE BY GROUP



KERN COUNTY PHYTOS

FY 1994-95 FED PHYTOS BY GROUP



In FY 1994-95 Kern County issued a total of **8,969 Federal Phytosanitary Certificates** for crops exported to 85 foreign countries. Seventy five percent of those phytos were written to the following top ten countries: **Hong Kong, Indonesia, Japan, Mexico, People's Republic of China, Phillipines, Taiwan, Thailand, United Arab Emirates, and the United Kingdom.**

EXPORTS 94-95

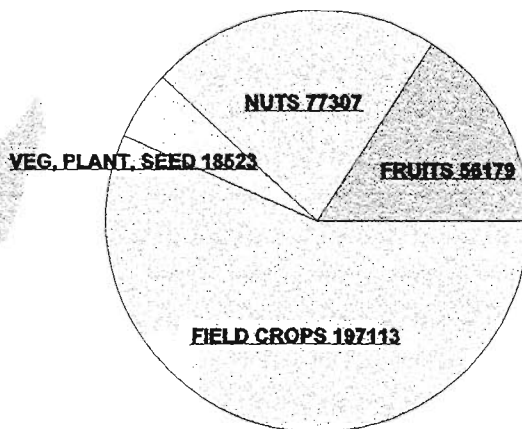
EXPANDING EXPORT MARKET



Darkened countries represent those destinations to which Kern County exported commodities in FY 1994-95.

KERN CO EXPORTED VALUE

FY 1994-95 DOLLAR VALUE* BY GROUP



* Thousands of dollars

In this same time period Kern County exports totalled over **349 million dollars**. This represented approximately eighteen percent of the total Kern County crop value for FY 1994-95. The top ten exported commodities (by value) during this time period were: **Almonds, Apples, Carrots, Garlic, Grapes, Onions, Oranges, Pistachios, Plums, and Roses.**

KERN COUNTY CROP REPORT - 1995

NURSERY CROPS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Christmas Trees	1995	---	---	8,770	Tree	\$ ---	\$ 170,000
	1994	---	---	8,540	Tree	---	157,000
Fruit & Nut Trees, Vines	a/1995	259	---	12,327,000	Plant	---	22,961,000
	a/1994	590	---	7,834,000	Plant	---	14,603,000
Herbaceous Plants	1995	---	---	---	---	---	3,161,000
	1994	---	---	---	---	---	2,763,000
Ornamental Trees & Shrubs	a/1995	20	---	72,900	Plant	---	495,000
	a/1994	25	---	243,000	Plant	---	688,000
Propagative Material	1995	---	---	---	---	---	1,412,000
	1994	---	---	---	---	---	664,000
Roses	1995	1,698	---	29,884,000	Plant	1.17	34,924,000
	1994	1,823	---	32,766,000	Plant	1.14	37,489,000
Turf	1995	675	---	29,403,000	Sq Ft	0.19	5,587,000
	1994	714	---	31,080,000	Sq Ft	0.21	6,527,000
TOTALS	1995	2,632	---	---	---	---	\$68,710,000
	1994	3,152	---	---	---	---	62,891,000

a/Includes container grown plants.

INDUSTRIAL AND WOOD CROPS - 1995

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Biomass and Composting	1995	---	---	252,000	Ton	\$ 29.80	\$ 7,518,000
	1994	---	---	298,000	Ton	28.70	8,560,000
Timber	a/1995	---	---	3,400,000	Brd Ft	---	1,350,000
	a/1994	---	---	8,100,000	Brd Ft	---	2,550,000
Wood for Fuel	1995	---	---	1,730	Cord	b/16.80	29,000
	1994	---	---	1,710	Cord	b/19.90	34,000
TOTALS	1995	---	---	---	---	---	\$ 8,897,000
	1994	---	---	---	---	---	11,144,000

a/Previous year's production and value based on information provided by:
Timber Tax Division, Property Tax Dept., State Board of Equalization
b/Price includes U.S. Forest Service Permits for woodcutting.

KERN COUNTY CROP REPORT - 1995 LIVESTOCK & POULTRY

<u>KIND</u>	<u>YEAR</u>	<u>NUMBER OF HEAD</u>	<u>TOTAL LIVEWEIGHT</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Cattle & Calves	1995	280,000	1,050,000	Cwt	\$ 66.90	\$70,197,000
	1994*	314,000	1,183,000	Cwt	77.10	91,248,000
Sheep & Lambs	1995	166,000	185,000	Cwt	65.70	12,154,000
	1994	151,000	169,000	Cwt	56.50	9,555,000
Hogs	1995	2,800	6,160	Cwt	39.80	245,000
	1994	2,980	6,550	Cwt	46.80	306,000
Fryers & Roasters	1995	381,000	2,273,000	Lb	0.44	1,000,000
	1994	381,000	2,392,000	Lb	0.43	1,040,000
Ostriches	1995	2,651	---	Each	---	979,000
	1994	877	---	Each	1,230.00	1,079,000
Misc.	a/1995	---	---	---	---	31,600
	b/1994	---	---	---	---	63,000
TOTALS	1995	---	---	---	---	84,607,000
	1994*	---	---	---	---	<u>\$103,291,000</u>

*Revised

a/Includes: Other

b/Includes: Game Birds for meat and Other

LIVESTOCK AND POULTRY PRODUCTS - 1995

<u>PRODUCT</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Milk, Market	1995	8,824,000	Cwt	\$11.55	\$101,917,000
	1994	7,713,000	Cwt	11.40	87,646,000
Milk, Manufacturing	1995	---	Cwt	---	---
	1994	12,300	Cwt	10.20	125,000
Manure	1995	166,000	Ton	---	746,000
	1994	---	Ton	---	---
Wool	1995	1,650,000	Lb	1.00	1,650,000
	1994	1,680,000	Lb	0.64	1,075,000
Other Livestock Products	1995	---	---	---	10,701,000
	1994	---	---	---	10,211,000
TOTALS	1995	---	---	---	\$114,268,000
	1994	---	---	---	<u>99,057,000</u>

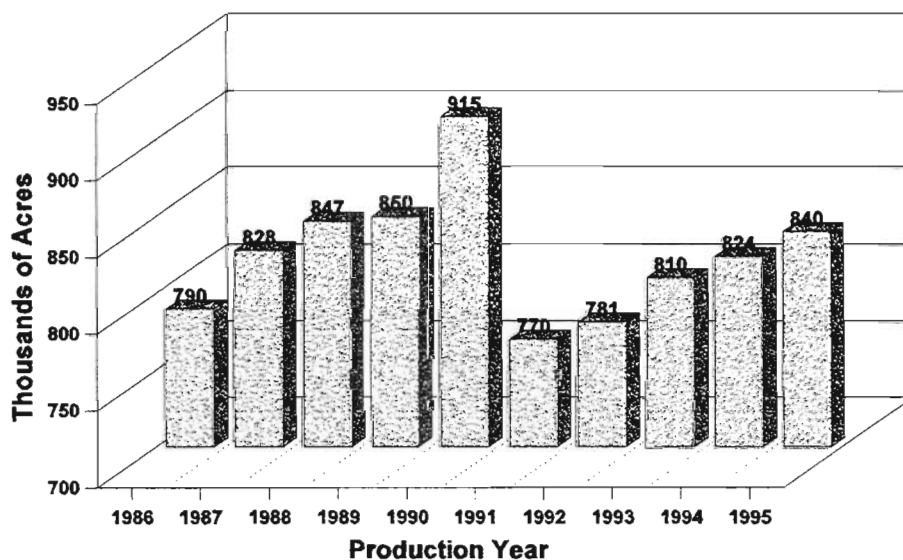
KERN COUNTY CROP REPORT - 1995

APIARY PRODUCTS

<u>PRODUCT</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Honey	1995	5,614,000	Lb	\$ 0.65	\$3,649,000
	1994*	2,996,000	Lb	0.50	1,498,000
Beeswax	1995	702,000	Lb	1.85	1,298,000
	1994*	375,000	Lb	1.25	506,000
Pollination	1995	158,000	Colony	33.30	5,261,000
	1994	168,000	Colony	31.10	5,218,000
Other Apiary Products	1995	---	---	---	213,000
	1994	---	---	---	245,000
TOTALS	1995	---	---	---	\$10,420,000
	1994*	---	---	---	7,467,000

*Revised

KERN COUNTY HARVESTED ACRES 1986-1995



KERN COUNTY CROP REPORT SUMMARY - 1995

<u>COMMODITY</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>RANGE</u>	<u>ESTIMATED VALUE</u>
Fruit & Nut Crops	1995	223,214	---	\$1,005,502,000
	1994	228,307	---	976,139,000
Field Crops & Rangeland	1995	527,559	2,196,653	420,495,000
	1994*	487,574	2,247,144	453,411,000
Vegetable Crops	1995	84,677	---	261,067,000
	1994*	80,281	---	256,404,000
Nursery Crops	1995	2,632	---	68,710,000
	1994	3,152	---	62,891,000
Industrial & Wood Crops	1995	---	---	8,897,000
	1994	---	---	11,144,000
Seed Crops	1995	2,333	---	4,985,000
	1994	2,670	---	4,179,000
Livestock & Poultry	1995	---	---	84,607,000
	1994*	---	---	103,291,000
Livestock & Poultry Products	1995	---	---	114,268,000
	1994	---	---	99,057,000
Apiary Products	1995	---	---	10,420,000
	1994*	---	---	7,467,000
TOTALS	1995	840,415	2,196,653	\$1,978,951,000
	1994*	<u>801,984</u>	<u>2,247,144</u>	<u>1,973,983,000</u>
Total Value Without Timber	1995			\$1,977,601,000
	1994*			<u>1,971,433,000</u>

*Revised

KERN COUNTY CROP REPORT - 1995

PEST ERADICATION

PEST	MECHANISM	SCOPE OF PROGRAM
Pink Bollworm <u>Pectinophora gossypiella</u>	Trapping* Sterile Release* Plowdown	41 Native Moths Detected 1,954 Fields 309,850 Acres
Camelthorn <u>Alhagi maurorum</u>	Survey	1.5 hours
Citrus Tristeza Virus	Sampling	296.0 hours
Dalmatian Toadflax <u>Linaria dalmatica</u>	Eradication	87.0 hours
Grape Leaf Skeletonizer <u>Harrisina brillians</u>	Survey	5.0 hours
Halogeton <u>Halogeton glomeratus</u>	Survey	31.5 hours
Harmel <u>Peganum harmala</u>	Survey Eradication	19.0 hours 17.0 hours
Scotch Thistle <u>Onopordum acanthium</u>	Eradication	6.5 hours
Torrey's Nightshade <u>Solanum dimidiatum</u>	Survey	1.5 hours

*Cooperative Pink Bollworm Project

PEST EXCLUSION - 1995

INTERCEPTION*	PATHWAY
Live Pests	9
Noxious Weeds	1
Improper Certification	74
Labelling	2
Live Pest	20
Improper Certification	23
Labelling	8
Live Pest	4

*Kern County intercepted 2 "A" rated and 2 "Q" rated pests in 1995.

KERN COUNTY CROP REPORT - 1995 PEST DETECTION/INSECT TRAPPING

<u>Trap Name</u>	<u>Number</u>	<u>Where Deployed</u>
Medfly Jackson Trap	700	Residential Areas
Medfly Jackson Trap	100	Commercial Areas
Oriental FF Jackson Trap	150	Residential Areas
Melon FF Jackson Trap	150	Residential Areas
McPhail Trap	180	Residential Areas
Gypsy Moth Delta Trap	300	Residential Areas
Gypsy Moth Delta Trap	50	High Hazard Areas
Japanese Beetle Trap	300	Residential Areas
Khapra Beetle Trogotrap	95	High Hazard Areas
European Corn Borer Trap	20	High Hazard Areas
European Pine Shoot Moth	10	Nurseries

EXOTIC PESTS TRAPPED

Sterile Mediterranean fruit flies

	1993	1994	1995
Bakersfield Area	9	18	24
Buttonwillow Area	1	9	11
Lebec - Grapevine Area	7	8	15
Other Areas	<u>3</u>	<u>5</u>	<u>9</u>
TOTAL	20	40	59

Sterile Mexican fruit flies

	1993	1994	1995
Bakersfield Area	0	8	0

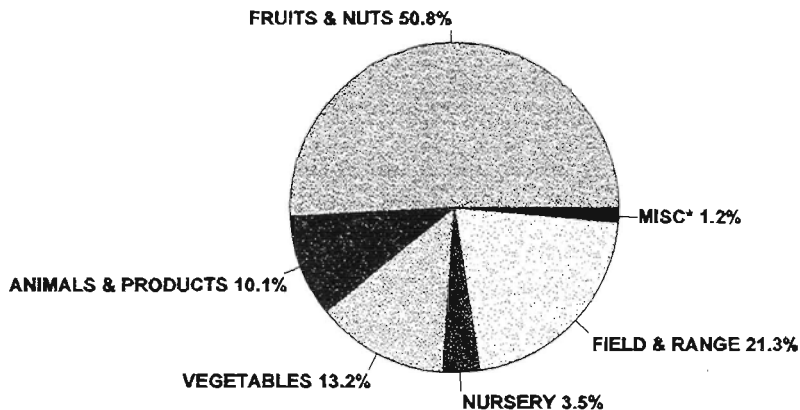
Sterile Mediterranean fruit flies were being released at the rate of over 300,000 flies in each of the fifteen hundred square miles of the Los Angeles basin every week in 1995. Over the last two years approximately 48 billion sterile Medflies have been released in the LA basin. Invariably, some of these flies find their way to Kern County by hitch-hiking in vehicles headed North over the Grapevine. Once in the San Joaquin valley many of these sterile flies will be captured in one of our 700 strategically placed traps. The last "wild" Medfly was captured in LA County in July, 1994.

BIOLOGICAL CONTROL ACTIVITIES - 1995

<u>Pest</u>	<u>Agents</u>	<u>Scope of Program</u>
Silverleaf Whitefly <u>Bemisia tabaci</u>	Parasitic Wasps <u>Eretmocerus sp.</u> <u>Encarsia sp.</u>	26 Species Released 181,000 Individuals Total
Yellow Starthistle <u>Centaurea solstitialis</u>	Seed-head Weevil <u>Bangasternus orientalis</u>	Several Hundred Individuals released

1995 KERN COUNTY CROP VALUE

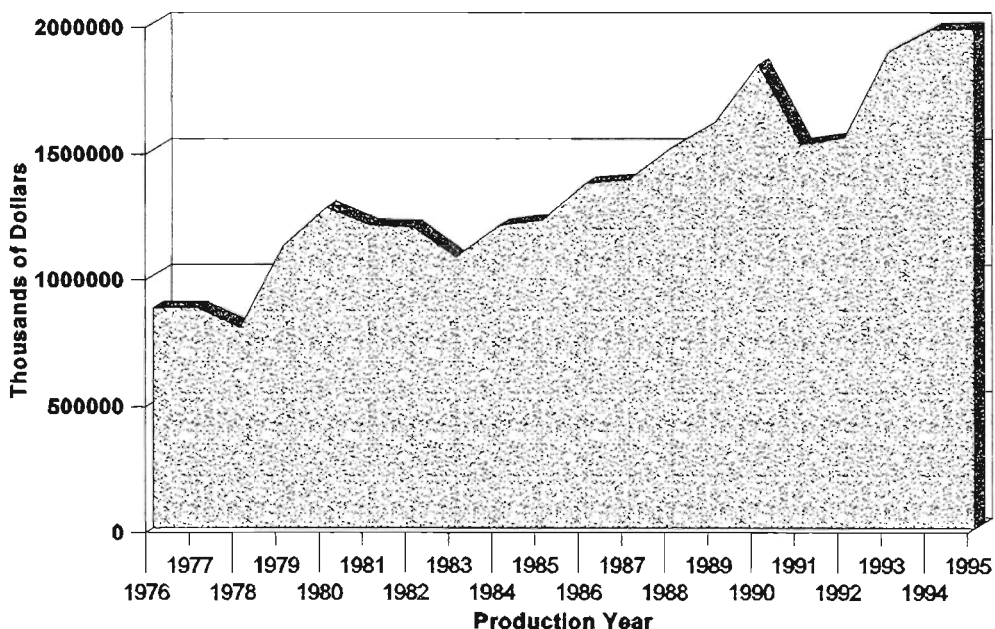
\$1,978,951,000



*Misc Includes: Industrial, Seed, and Apiary

KERN COUNTY TOTAL CROP VALUE

A 20 YEAR COMPARISON



KERN COUNTY CROP REPORT - 1995

AGRICULTURAL COMMISSIONER

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ASSISTANT AGRICULTURAL COMMISSIONER

Louie I. Cervantes

DEPUTY AGRICULTURAL COMMISSIONERS

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David J. Moore

AGRICULTURAL BIOLOGIST IV

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Calvin E. Langston, Edison/Bakersfield

Barry H. Marlett, Tehachapi

Matthew R. Peet, Pest Exclusion/Detect.

Douglas I. Roye, Mettler

Samuel A. Vorhees, Delano/McFarland

Steven G. Watson, Arvin/Lamont

Robert L. Wegis, Pesticide Enforc.

Richard L. White, Fruit & Vegetable

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Cortney Lapp

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CLERICAL

Sharon S. Cornelison

Senior Secretary

Nancy L. Finzel

Typist Clerk III

Barbara McMillian

Data Entry Operator II

Bonita M. Christolear

Account Clerk IV

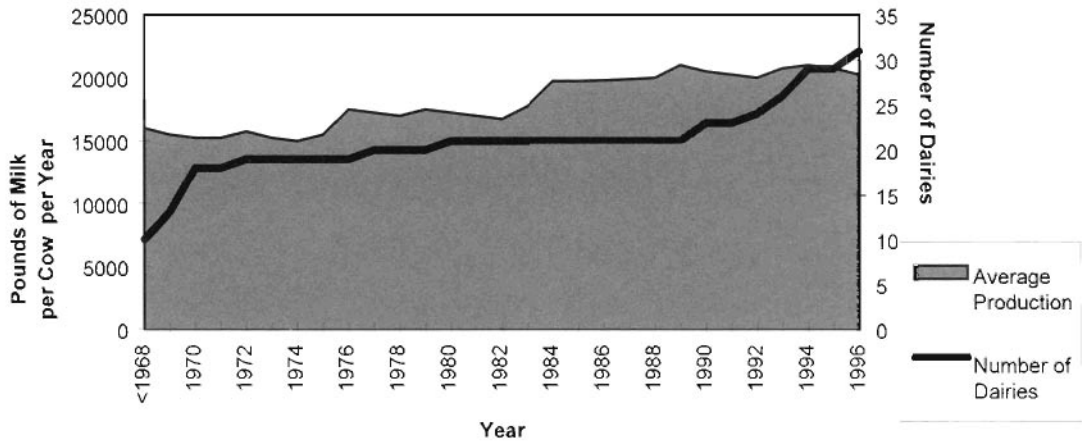
Kathryn F. Miller

Account Clerk III

Elizabeth A. Hall

Account Clerk II

Kern County Dairy History 1968 - 1996



Some data courtesy of the Kern County Farm and Home Advisor's Office

Kern County Dairy Production

With total value approaching 3 billion dollars in 1995, California's Milk and Cream production ranks as this state's number one crop. The eight counties in the San Joaquin Valley District produce more milk than all of the other seven districts in the state combined. After a period of slow growth in Kern County the dairy industry is once again moving into this area. With more new dairies planned in the near future, watch for Milk and Cream to play an even greater role in Kern County's agricultural production and value than it has in the past.

-- -- World Wide Web -- --

Visit the Kern County Agricultural Commissioner's Office Home Page on the Internet. Our site offers department facts, export certification information, current news releases, Kern County crop reports, and links to other useful agriculture related sites.

Our WWW address is <http://www.netxn.com/~agcom15/>

Our e-mail address is agcom15@chiba.netxn.com

Crop Report compiled by:

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DEPARTMENT OF AGRICULTURE

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THEODORE K. DAVIS
Agricultural Commissioner

LOUIE I. CERVANTES
Assistant Commissioner



JACK E. MARKS
Deputy Commissioner

DAVID J. MOORE
Deputy Commissioner

1996

Ms. Ann M. Veneman, Secretary
California Dept. 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 1996.

The 1996 total value of agricultural commodities produced in Kern County is a precedent setting \$2,067,052,000. For the first time Kern County has exceeded the \$2 Billion mark. This represents an increase of 4% over the revised 1995 total. Of further interest, the top four commodities; Grapes, Cotton, Almonds, and Citrus together total over \$1 Billion.

Cotton rebounded somewhat from the reduced yields in 1995 with a 17% increase. Grapes remained the number one crop despite a slight decrease of -3.5%, primarily due to reduced bearing acreage and lower yields. Ostrich, highlighted in the 1995 Crop Report, sold for 77% over 1995 and 436% over 1994. Wheat increased by 98%, primarily due to an increase in acreage by 49% and increase in price by 26%.

I want to extend a Thank You to all those who provide the Agricultural Commissioner's Office with the information necessary to compile such an extensive breakdown of Kern County's agriculture production. I also want to thank the staff of the Kern County Agricultural Department for their efforts in developing the Crop Report each year.

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.**

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Theodore K. Davis".

Theodore K. Davis
Agricultural Commissioner

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KERN COUNTY 1996 CROP REPORT - TOP 20 CROPS

<u>COMMODITY</u>	<u>VALUE</u>	<u>1995 RANK</u>
1. Grapes	\$402,161,000	1
2. Cotton, Including Processed Cottonseed	342,084,000	2
3. Almonds, Including By-Products	202,406,000	4
4. Citrus, Fresh and Processing	188,312,000	3
5. Market Milk	118,481,000	5
6. Potatoes, Fresh and Processing	83,995,000	11
7. Carrots, Fresh and Processing	76,753,000	9
8. Cattle and Calves	72,614,000	6
9. Nursery Crops	72,383,000	7
10. Hay, Alfalfa	69,389,000	10
11. Apples, All	58,590,000	12
12. Pistachios	50,459,000	8
13. Wheat	30,208,000	18
14. Onions, Fresh and Dehydrator	22,108,000	15
15. Plums	19,324,000	14
16. Peaches	15,087,000	16
17. Watermelons	14,202,000	17
18. Sheep and Lambs	14,181,000	19
19. Garlic, Fresh and Dehydrator	14,028,000	23
20. Cantaloupes	9,975,000	22

KERN COUNTY CROP REPORT - 1995 PERMANENT ACREAGE

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON BEARING</u>	<u>TOTAL</u>
Almonds	1995	67,638	18,474	86,112
	1994	72,591	10,398	82,989
Apples	1995	4,904	297	5,201
	1994	5,227	182	5,409
Apricots	1995	721	140	861
	1994	694	134	828
Cherries	1995	93	193	286
	1994	85	142	227
Figs	1995	404	111	515
	1994	398	97	495
Grapefruit	1995	964	384	1,348
	1994	877	377	1,254
GRAPES, ALL	1995	74,941	6,560	81,501
	1994	78,487	3,803	82,290
Raisin	1995	26,729	844	27,573
	1994	28,657	651	29,308
Table	1995	23,008	3,494	26,502
	1994	23,217	1,977	25,194
Wine	1995	25,204	2,222	27,426
	1994	26,613	1,175	27,788
Jojoba	1995	93	0	93
	1994	93	0	93
Kiwi	1995	410	0	410
	1994	549	0	549
Lemons	1995	3,067	134	3,201
	1994	3,212	162	3,374
Nectarines	1995	2,146	306	2,452
	1994	2,034	494	2,528
Olives	1995	2,052	84	2,136
	1994	2,014	38	2,052
ORANGES, ALL	1995	34,719	2,831	37,550
	1994	33,265	3,681	36,946
Navels	1995	25,531	2,641	28,172
	1994	24,714	3,048	27,762
Valencias	1995	9,188	190	9,378
	1994	8,551	633	9,184

KERN COUNTY 1996 CROP REPORT - PERMANENT ACREAGE

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON-BEARING</u>	<u>TOTAL</u>
ORANGES, ALL	1996	36,260	1,401	37,661
	1995	34,719	2,831	37,550
Navels	1996	26,868	1,375	28,243
	1995	25,531	2,641	28,172
Valencias	1996	9,392	26	9,418
	1995	9,188	190	9,378
Peaches	1996	2,610	249	2,859
	1995	2,472	372	2,844
Pears	1996	416	16	432
	1995	448	16	464
Pecans	1996	658	0	658
	1995	646	12	658
Persimmons	1996	71	32	103
	1995	71	32	103
Pistachios	1996	23,869	7,156	31,025
	1995	21,181	7,209	28,390
Plums	1996	2,957	37	2,994
	1995	2,815	179	2,994
Pomegranates	1996	438	6	444
	1995	432	12	444
Prunes	1996	102	213	315
	1995	102	213	315
Tangerines & Tangelos	1996	1,352	258	1,610
	1995	1,332	38	1,370
Walnuts	1996	1,504	31	1,535
	1995	1,504	44	1,548
Misc.	a/1996	13	0	13
	a/1995	13	0	13
TOTALS	1996	233,415	32,682	266,097
	1995	223,431	37,763	261,194

a/ Includes: Chestnut, Guava/Feijoa, Kumquat, and Loquat

KERN COUNTY 1996 CROP REPORT - FRUITS & NUTS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
<i>Almonds</i>	1996	73,383	0.64	a/47,200	Ton	\$4,065.00	\$191,860,000
	1995	67,638	0.48	a/32,200	Ton	5,000.00	161,012,000
<i>Almond</i>	1996	---	---	105,000	Ton	100.40	10,546,000
<i>By-Products</i>	1995	---	---	75,700	Ton	92.70	7,018,000
<i>APPLES, ALL</i>	1996	5,051	21.08	106,500	Ton	---	58,590,000
	1995	4,904	18.23	89,400	Ton	---	42,367,000
<i>Fresh</i>	1996	---	---	67,500	Ton	791.00	53,413,000
	1995	---	---	54,300	Ton	671.00	36,435,000
<i>Processing</i>	1996	---	---	39,000	Ton	133.00	5,177,000
	1995	---	---	35,100	Ton	169.00	5,932,000
<i>Apricots</i>	1996	835	3.95	3,300	Ton	1,273.00	4,202,000
	1995	721	3.81	2,750	Ton	1,640.00	4,510,000
<i>CITRUS, ALL</i>	1996	41,745	12.80	530,500	Ton	---	188,312,000
	1995	40,082	15.10	605,000	Ton	---	230,828,000
<i>Grapefruit</i>	1996	990	16.80	16,600	Ton	326.00	5,405,000
	1995	964	14.30	13,800	Ton	340.00	4,687,000
<i>Lemons</i>	1996	3,143	11.33	35,600	Ton	525.00	18,676,000
	1995	3,067	15.65	48,000	Ton	622.00	29,855,000
<i>Oranges, Navel</i>	1996	26,868	9.94	267,000	Ton	370.00	98,883,000
	1995	25,531	11.67	298,000	Ton	443.00	131,877,000
<i>Oranges, Valencia</i>	1996	9,392	11.50	108,000	Ton	507.00	54,788,000
	1995	9,188	12.08	111,000	Ton	484.00	53,733,000
<i>Tangerine & Tangelo</i>	1996	1,352	11.32	15,300	Ton	370.00	5,658,000
	1995	1,332	9.16	12,200	Ton	554.00	6,759,000
<i>Processing, All Citrus</i>	1996	---	---	88,000	Ton	55.70	4,902,000
	1995	---	---	122,000	Ton	32.10	3,917,000
<i>GRAPES, ALL</i>	1996	74,463	8.30	618,000	Ton	---	402,161,000
	1995	74,941	9.84	737,730	Ton	---	416,397,000
<i>Raisin Variety</i>	b/1996	25,806	7.85	203,000	Ton	---	116,847,000
	b/1995	26,729	9.17	245,230	Ton	---	122,758,000
<i>Fresh Market</i>	1996	---	---	77,500	Ton	1,154.00	89,438,000
	1995	---	---	94,800	Ton	991.00	93,947,000
<i>Raisins</i>	c/1996	---	---	10,900	Ton	1,043.00	11,374,000
	c/1995	---	---	16,000	Ton	923.00	14,765,000

KERN COUNTY 1996 CROP REPORT - FRUITS & NUTS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
<i>Processing</i>	1996	---	---	11,600	Ton	\$ 248.00	\$ 2,875,000
	1995	---	---	11,200	Ton	236.00	2,646,000
<i>Crushed</i>	1996	---	---	65,000	Ton	193.00	12,554,000
	1995	---	---	58,200	Ton	161.00	9,391,000
<i>Juice</i>	1996	---	---	2,420	Ton	250.00	606,000
	1995	---	---	4,230	Ton	475.00	2,009,000
<i>Table</i>	1996	23,792	7.69	183,000	Ton	---	218,530,000
<i>Variety</i>	1995	23,008	9.78	225,100	Ton	---	229,782,000
<i>Fresh Market</i>	1996	---	---	154,000	Ton	1,384.00	213,113,000
	1995	---	---	182,000	Ton	1,225.00	222,901,000
<i>Crushed</i>	1996	---	---	29,000	Ton	187.00	5,417,000
	1995	---	---	43,100	Ton	160.00	6,881,000
<i>Raisin</i>	1996	---	---	---	Ton	---	---
	1995	---	---	---	Ton	---	---
<i>Wine</i>	1996	24,865	9.29	231,000	Ton	---	66,784,000
<i>Variety</i>	1995	25,204	10.61	267,400	Ton	---	63,857,000
<i>Crushed</i>	1996	---	---	228,000	Ton	290.00	66,034,000
	1995	---	---	261,000	Ton	239.00	62,470,000
<i>Juice</i>	1996	---	---	3,000	Ton	250.00	750,000
	1995	---	---	6,400	Ton	217.00	1,387,000
<i>Kiwi</i>	1996	400	3.93	1,570	Ton	1,159.00	1,820,000
	1995	410	5.05	2,070	Ton	1,254.00	2,596,000
<i>Nectarines</i>	1996	2,343	5.00	11,700	Ton	836.00	9,794,000
	1995	2,146	4.42	9,480	Ton	1,223.00	11,591,000
<i>Olives</i>	1996	2,052	6.48	13,300	Ton	631.00	8,387,000
	1995	2,052	4.20	8,620	Ton	671.00	5,788,000
<i>Peaches</i>	1996	2,610	5.94	15,500	Ton	973.00	15,087,000
	1995	2,472	6.63	16,400	Ton	1,059.00	17,369,000
<i>Pistachios</i>	1996	23,869	0.93	d/22,300	Ton	2,263.00	50,459,000
	1995	21,181	1.66	d/35,200	Ton	1,920.00	67,584,000
<i>Plums</i>	1996	2,957	7.68	22,700	Ton	851.00	19,324,000
	1995	2,815	5.22	14,700	Ton	1,562.00	22,967,000
<i>Walnuts</i>	1996	1,504	2.38	d/3,580	Ton	1,507.00	5,394,000
	1995	1,504	2.26	d/3,400	Ton	1,227.00	4,172,000

KERN COUNTY 1996 CROP REPORT - FRUITS & NUTS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Misc.	e/1996	2,400	---	13,000	Ton	---	\$ 11,898,000
	f/1995	2,348	---	9,230	Ton	---	11,303,000
TOTALS	1996	233,612	---	1,514,150	Ton	---	\$ 977,834,000
	1995	223,214	---	1,641,880	Ton	---	1,005,502,000

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: 1995 - 4.80 to 1 1996 - 4.30 to 1

d/ Pistachio and walnut production stated in terms of In-shell Equivalents.

e/ Includes: Apples (Processed), Bushberries, Cherries, Chestnuts, Figs (Fresh and Dry), Guava/Feijoas, Kumquats, Peaches (Processed), All Pears, Pecans, Persimmons, Pomegranates, Prunes, and Strawberries.

f/ Includes: Bushberries, Cherries, Chestnuts, Figs (Fresh and Dry), Guava/Feijoas, Kumquats, Peaches (Processed), All Pears, Pecans, Persimmons, Pomegranates, Prunes, and Strawberries.

SEED CROPS - 1996

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Cotton	1996	25,160	21,900	Ton	a/\$216.00	\$4,728,000
	1995	21,975	16,000	Ton	a/ 216.00	3,449,000
Field	b/1996	2,150	4,620	Ton	---	932,000
	b/1995	2,087	4,520	Ton	---	776,000
Vegetable	c/1996	107	34	Ton	---	263,000
	c/1995	246	81	Ton	---	760,000
TOTALS	1996	d/2,257	26,554	Ton	---	\$5,923,000
	1995	d/ 2,333	20,601	Ton	---	4,985,000

a/ Includes a per acre approval.

b/ Includes: Alfalfa, Barley, Blackeyes, Oats, Rye, Safflower, Wheat, and Other.

c/ Includes: Lettuce and Onions.

d/ Does not include cotton acreage.

KERN COUNTY 1996 CROP REPORT - FIELD CROPS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Barley	1996	23,287	1.89	44,000	Ton	\$147.00	\$ 6,452,000
	1995	21,304	2.06	43,900	Ton	116.00	5,092,000
Beans, Dry	1996	5,793	1.14	6,600	Ton	590.00	3,893,000
Edible	1995	9,460	1.10	10,400	Ton	617.00	6,419,000
Cotton Lint,	1996	237,125	a/1,207	b/578,000	Bale	c/0.81	231,830,000
Acala	1995	275,443	a/ 970	b/540,000	Bale	c/0.84	224,431,000
Cotton Lint,	1996	56,625	a/1,045	b/120,000	Bale	c/1.11	65,682,000
Pima	1995	34,407	a/ 757	b/52,600	Bale	c/1.28	33,339,000
Cottonseed,	1996	---	---	244,000	Ton	183.00	44,572,000
Processing	1995	---	---	199,000	Ton	179.00	35,545,000
Hay,	1996	81,000	8.12	658,000	Ton	106.00	69,389,000
Alfalfa	1995	86,475	7.69	665,000	Ton	98.20	65,302,000
Hay,	1996	10,000	3.25	32,500	Ton	83.60	2,717,000
Grain	1995	8,500	2.84	24,100	Ton	67.80	1,634,000
Hay,	1996	4,500	2.87	12,900	Ton	102.00	1,317,000
Other	1995	3,500	2.43	8,500	Ton	109.00	927,000
Pasture,	1996	10,000	---	---	Acre	135.00	1,350,000
Irrigated	1995	10,000	---	---	Acre	112.00	1,120,000
Pasture,	1996	---	---	---	---	---	1,341,000
Other	1995	---	---	---	---	---	1,849,000
Pasture,	1996	2,167,484			Acre	5.00	10,837,000
Range	1995*	2,192,986			Acre	5.00	10,965,000
Safflower	1996	13,600	1.32	18,000	Ton	332.00	5,970,000
	1995	12,210	1.20	14,600	Ton	323.00	4,722,000
Silage and	1996	22,500	19.60	441,000	Ton	17.90	7,894,000
Forage	1995	13,500	17.00	230,000	Ton	18.20	4,191,000
Sugar Beets	1996	7,218	28.00	202,000	Ton	36.00	7,276,000
	1995	7,830	31.70	248,000	Ton	36.00	8,930,000
Wheat	1996	67,000	2.68	180,000	Ton	168.00	30,208,000
	1995	44,930	2.56	115,000	Ton	133.00	15,295,000
Misc.	d/1996	---	---	---	---	---	4,645,000
	e/1995	---	---	---	---	---	716,000
TOTALS	1996	538,648	---	---	---	---	\$495,373,000
	1995*	527,559	---	---	---	---	420,477,000

*Revised

a/ Pounds Lint Per Acre b/ 495 Pounds Net Weight Bale c/ Price Per Pound

d/ Includes: Field Corn (Grain), Rye, Sorghum Grain, and Straw.

e/ Includes: Field Corn (Grain), Sorghum Grain, and Straw.

KERN COUNTY 1996 CROP REPORT - VEGETABLE CROPS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
<i>Cantaloupes</i>	1996	2,476	15.70	39,000	Ton	\$ 257.00	\$ 9,975,000
	1995	2,788	12.55	35,000	Ton	293.00	10,254,000
<i>CARROTS, ALL</i>	1996	35,133	31.10	1,093,000	Ton	---	76,753,000
	1995*	31,328	30.80	965,000	Ton	---	66,780,000
<i>Fresh</i>	1996	---	---	324,000	Ton	57.00	18,489,000
<i>Market</i>	1995	---	---	396,000	Ton	68.20	27,007,000
<i>Processing and Other</i>	1996	---	---	768,000	Ton	75.80	58,264,000
	1995	---	---	569,000	Ton	69.90	39,773,000
<i>Corn, Sweet</i>	1996	599	8.10	4,850	Ton	225.00	1,092,000
	1995	454	6.98	3,170	Ton	303.00	959,000
<i>Garlic, Dehydrator</i>	1996	1,760	8.13	14,300	Ton	206.00	2,951,000
	1995	1,636	6.85	11,200	Ton	212.00	2,370,000
<i>Garlic, Fresh</i>	1996	1,310	7.02	9,200	Ton	1,204.00	11,077,000
	1995	1,003	6.63	6,650	Ton	1,179.00	7,840,000
<i>Lettuce, Head</i>	1996	3,467	14.10	49,000	Ton	---	8,524,000
<i>Naked Pack</i>		---	---	38,500	Ton	176.00	6,757,000
<i>Wrapped Pack</i>		---	---	6,540	Ton	193.00	1,263,000
<i>Bulk Shredder</i>		---	---	3,970	Ton	127.00	504,000
<i>Lettuce, Head</i>	1995	3,620	18.30	66,130	Ton	---	38,354,000
<i>Naked Pack</i>		---	---	60,300	Ton	619.00	37,328,000
<i>Wrapped Pack</i>		---	---	---	Ton	---	---
<i>Bulk Shredder</i>		---	---	5,830	Ton	176.00	1,026,000
<i>Melons, Other</i>	1996	1,041	16.99	17,700	Ton	236.00	4,179,000
	1995	783	15.80	12,400	Ton	356.00	4,414,000
<i>Onions, Fresh</i>	1996	1,925	22.29	42,900	Ton	288.00	12,375,000
	1995	1,258	25.40	32,000	Ton	267.00	8,530,000
<i>Onions, Dehydrator</i>	1996	6,751	18.32	123,700	Ton	79.00	9,733,000
	1995	7,129	18.00	128,000	Ton	79.00	10,075,000
<i>Peppers, Bell</i>	1996	1,526	15.34	23,400	Ton	358.00	8,380,000
	1995*	1,652	11.30	18,700	Ton	563.00	10,519,000

KERN COUNTY 1996 CROP REPORT - VEGETABLE CROPS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PRODUCTION PER ACRE</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
POTATOES,	1996	22,820	17.60	400,840	Ton	---	\$ 83,995,000
ALL	1995	20,074	16.00	321,000	Ton	---	61,692,000
Spring	1996	20,550	18.00	369,300	Ton	---	74,263,000
Total	1995	17,876	15.80	282,500	Ton	---	54,995,000
Fresh	1996	---	---	268,000	Ton	\$241.00	64,489,000
Market	1995	---	---	203,000	Ton	233.00	47,293,000
Processing	1996	---	---	80,200	Ton	121.00	9,710,000
	1995	---	---	63,200	Ton	121.00	7,653,000
Culls	1996	---	---	21,400	Ton	3.00	64,200
	1995	---	---	16,300	Ton	3.00	48,800
Winter	1996	2,270	13.89	31,500	Ton	---	9,732,000
Total	1995	2,198	17.59	38,700	Ton	---	6,697,000
Fresh	1996	---	---	29,200	Ton	332.00	9,706,000
Market	1995	---	---	35,800	Ton	186.00	6,664,000
Culls	1996	---	---	2,340	Ton	11.00	25,700
	1995	---	---	2,870	Ton	11.50	33,000
Tomatoes,	1996	4,600	34.60	159,000	Ton	53.60	8,525,000
Processing	1995	5,500	33.60	185,000	Ton	52.00	9,620,000
Watermelons,	1996	2,946	22.30	65,800	Ton	96.00	6,295,000
Seeded	1995	2,939	21.00	61,700	Ton	104.00	6,409,000
Watermelons,	1996	1,912	24.00	45,800	Ton	173.00	7,907,000
Seedless	1995	3,123	16.80	52,500	Ton	205.00	10,747,000
Misc.	a/1996	4,220	---	55,300	Ton	---	19,319,000
	b/1995	5,037	---	35,000	Ton	---	14,895,000
TOTALS	1996	92,486	---	2,143,790	Ton	---	\$271,080,000
	1995*	88,324	---	1,933,450	Ton	---	263,458,000

*Revised

a/ Includes: Asparagus, Beans (Snap), Broccoli, Cabbage, Cauliflower, Leaf Lettuce, Mixed Greens, Mushrooms, Onions (Green), Parsley, Pea Sprouts, Peppers (Chili and Processing), Pumpkins, Radishes, Red Beets, Rutabagas, Spinach, Squash, Sweet Potatoes, and Turnips.

b/ Includes: Artichokes, Asparagus, Beans (Snap), Broccoli, Cabbage, Cauliflower, Eggplant, Leaf Lettuce, Mixed Greens, Mushrooms, Napa Cabbage, Okra, Onions (Green), Parsnips, Pea Sprouts, Peppers (Chili and Processing), Pumpkins, Radishes, Red Beets, Rutabagas, Squash, Sweet Potatoes, Tomatoes (Fresh), and Turnips.

GEOGRAPHIC INFORMATION

The Kern County Agricultural Commissioner's Office is participating in the statewide implementation of a Geographic Information System (GIS) for agriculture. A GIS is a computerized mapping and spatial analysis program that goes beyond the usual query and examination tools available to database managers. A GIS combines data about a geographic location with reference to that exact location on the Earth. Using a grid system, the described location is visualized on a map and data about that location analyzed and displayed. What makes this system unique is the relationship between the geography and the Earth itself. Every point on the planet is uniquely identified in a GIS so that no two roads, houses, or fields can occupy the same ground. This identification system provides the link between data that have been collected about a feature and the feature as it exists on the Earth.

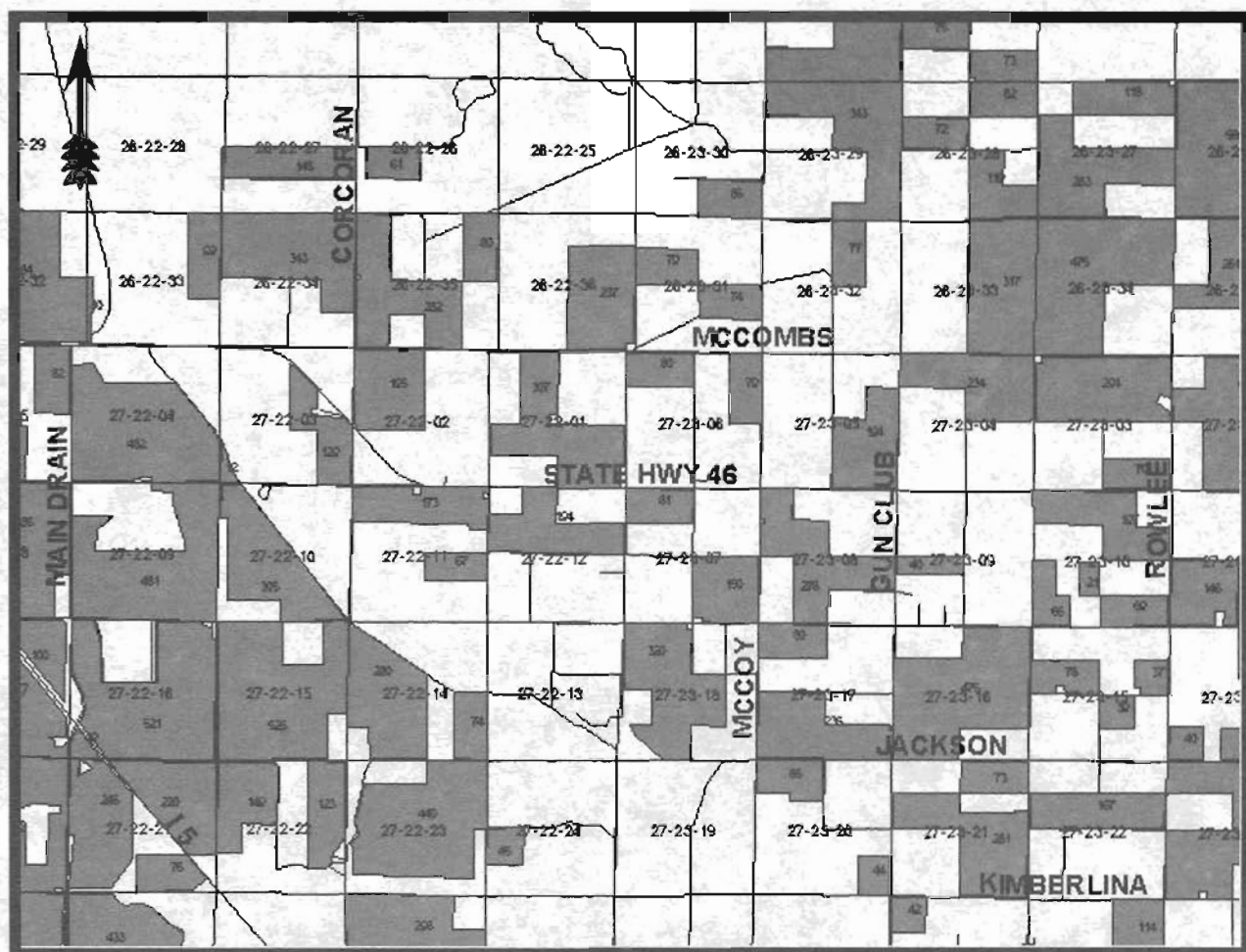


Figure 1. A portion of the Kern County 1996 cotton acreage is shown here. The cotton fields overlay a commercial road database and a digitized township, range, section map (Cotton fields and sections provided by the Cooperative Pink Bollworm Project).

SYSTEM AND AGRICULTURE

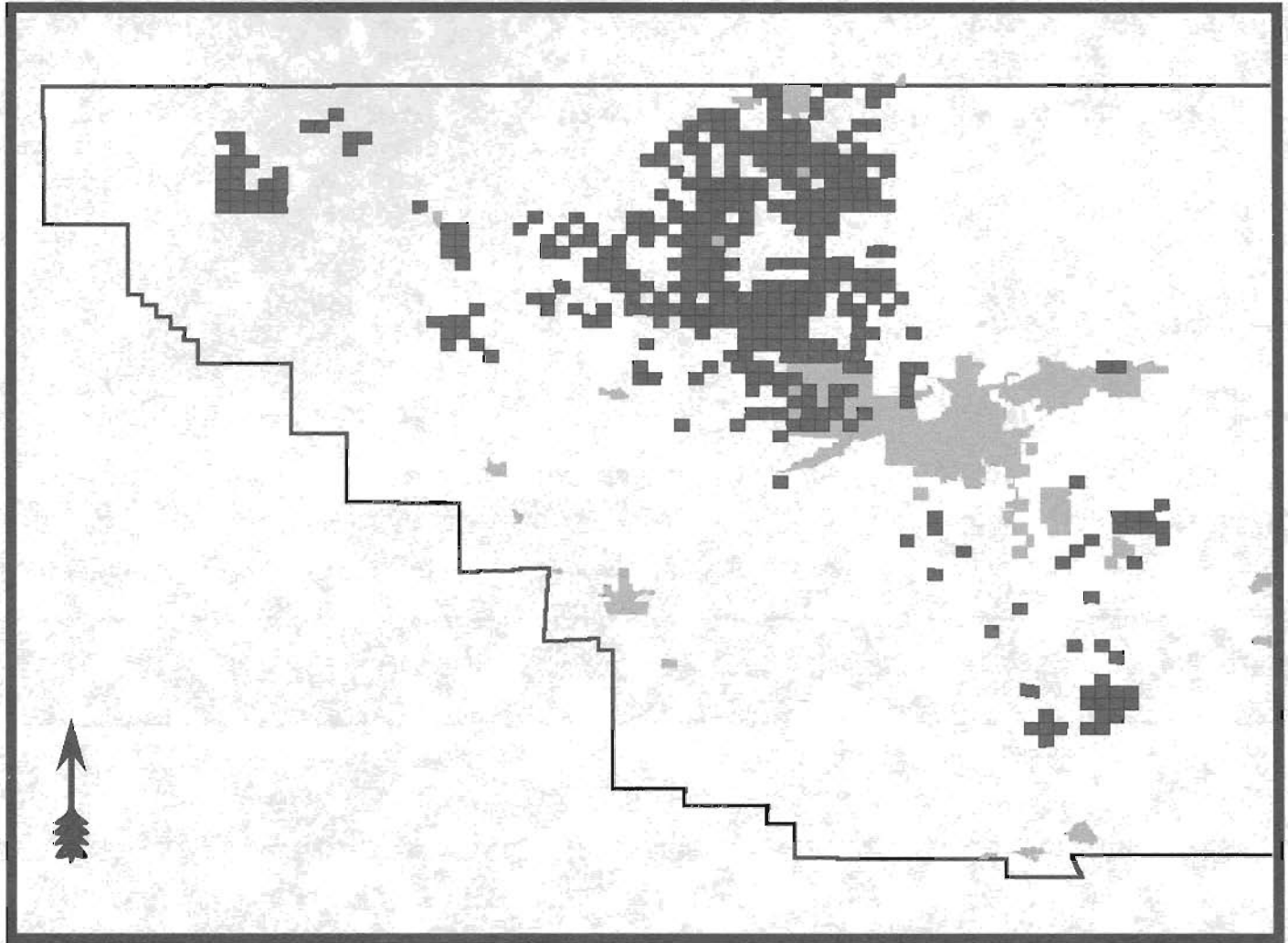


Figure 2. Kern County 1996 almond acreage is shown here as an example of basic GIS technology. Each square represents a one mile section containing one to 640 acres of almonds. Shaded areas of the map represent populated regions.

Agriculture, due to its geographic base and widespread use of maps, is a logical application for this technology. By combining actual images of the area with a digital road map and other information, individual fields are mapped. Once this has been completed, cropping patterns, yields, water usage, chemical applications, and pest/disease information can be visualized at the field level. A GIS allows for the rapid and precise display of information in a format not possible in the past. The old saying "a picture is worth a thousand words," truly applies in this application of modern computer technology.

KERN COUNTY 1996 CROP REPORT - NURSERY CROPS

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Christmas Trees	1996	---	8,650	Tree	---	\$ 167,000
	1995	---	8,770	Tree	---	170,000
Fruit and Nut Trees, Vines	a/1996	280	11,749,000	Plant	---	31,122,000
	a/1995	259	12,327,000	Plant	---	22,961,000
Herbaceous Plants	1996	---	---	---	---	2,664,000
	1995	---	---	---	---	3,161,000
Ornamental Trees & Shrubs	a/1996	11	66,000	Plant	---	458,000
	a/1995	20	72,900	Plant	---	495,000
Propagative Material	1996	---	---	---	---	1,168,000
	1995	---	---	---	---	1,412,000
Roses	1996	1,590	28,956,000	Plant	\$1.08	31,315,000
	1995	1,698	29,884,000	Plant	1.17	34,924,000
Turf	1996	700	30,492,000	Sq Ft	0.18	5,489,000
	1995	675	29,403,000	Sq Ft	0.19	5,587,000
TOTALS	1996	2,581	---	---	---	\$72,383,000
	1995	2,652	---	---	---	68,710,000

a/ Includes container grown plants.

INDUSTRIAL AND WOOD CROPS - 1996

<u>CROP</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Biomass and Composting	1996	302,000	Ton	---	\$8,009,000
	1995	252,000	Ton	\$29.80	7,518,000
Timber	a/1996	33,000	Brd Ft	---	24,000
	a/1995	3,400,000	Brd Ft	---	1,350,000
Wood for Fuel	1996	1,030	Cords	b/16.50	17,000
	1995	1,730	Cords	b/16.80	29,000
TOTAL	1996	---	---	---	\$8,050,000
	1995	---	---	---	8,897,000

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.

KERN COUNTY 1996 CROP REPORT - LIVESTOCK & POULTRY

<u>KIND</u>	<u>YEAR</u>	<u>NUMBER OF HEAD</u>	<u>TOTAL LIVEWEIGHT</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
<i>Cattle and Calves</i>	1996	298,000	1,129,000	Cwt	\$63.75	\$72,614,000
	1995	280,000	1,050,000	Cwt	66.90	70,197,000
<i>Sheep and Lambs</i>	1996	158,000	176,000	Cwt	80.40	14,181,000
	1995	166,000	185,000	Cwt	65.70	12,154,000
<i>Hogs</i>	1996	2,500	5,400	Cwt	52.00	282,000
	1995	2,800	6,160	Cwt	39.80	245,000
<i>Fryers and Roasters</i>	1996	386,000	2,183,000	Lb	0.46	996,000
	1995	381,000	2,273,000	Lb	0.44	1,000,000
<i>Ostriches</i>	1996	4,700	---	Each	---	1,405,000
	1995	2,651	---	Each	---	979,000
<i>Misc.</i>	a/1996	---	---	---	---	87,000
	b/1995	---	---	---	---	31,600
TOTALS	1996	---	---	---	---	\$89,565,000
	1995	---	---	---	---	84,607,000

a/ Includes Game Birds for Meat and Other.
b/ Includes Other.

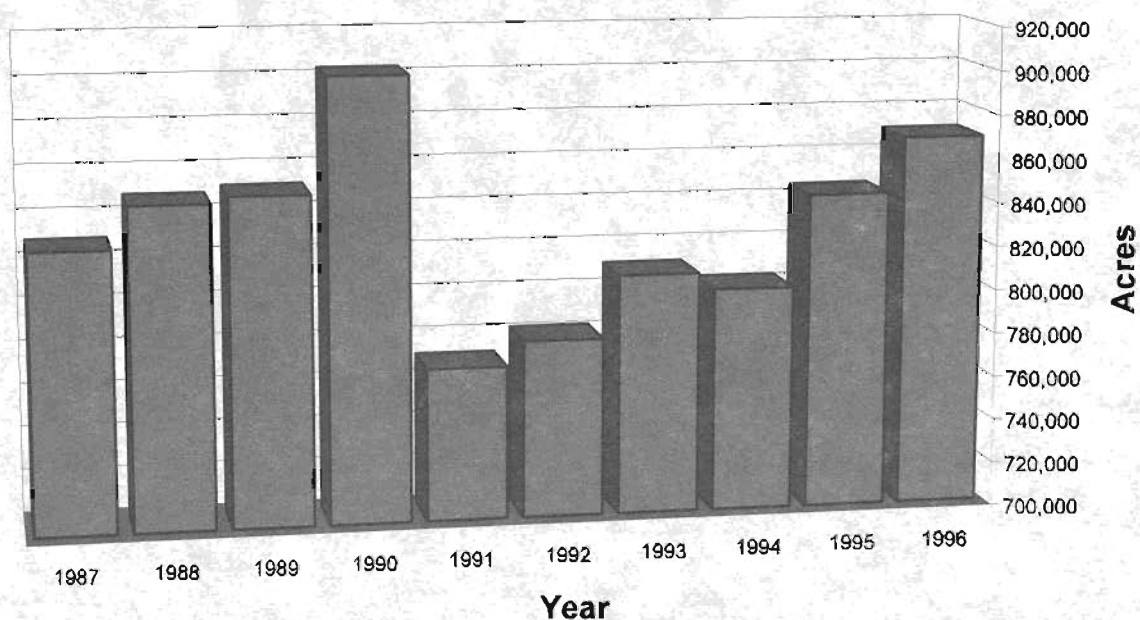
LIVESTOCK & POULTRY PRODUCTS - 1996

<u>PRODUCT</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
<i>Milk, Market</i>	1996	8,796,000	Cwt	\$13.47	\$118,481,000
	1995	8,824,000	Cwt	11.55	101,917,000
<i>Milk, Manufacturing</i>	1996	---	Cwt	---	---
	1995	---	Cwt	---	---
<i>Manure</i>	1996	235,000	Ton	---	1,228,000
	1995	166,000	Ton	---	746,000
<i>Wool</i>	1996	1,728,000	Lb	0.82	1,417,000
	1995	1,650,000	Lb	1.00	1,650,000
<i>Other Livestock Products</i>	1996	---	---	---	14,810,000
	1995	---	---	---	10,701,000
TOTALS	1996	---	---	---	\$135,936,000
	1995	---	---	---	115,014,000

KERN COUNTY 1996 CROP REPORT - APIARY PRODUCTS

<u>PRODUCT</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Honey	1996	4,394,000	Lb	\$ 0.84	\$ 3,691,000
	1995	5,614,000	Lb	0.65	3,649,000
Beeswax	1996	549,000	Lb	2.50	1,373,000
	1995	702,000	Lb	1.85	1,298,000
Pollination	1996	170,000	Colony	33.20	5,647,000
	1995	158,000	Colony	33.30	5,261,000
Other Apiary Products	1996	---	---	---	197,000
	1995	---	---	---	213,000
TOTALS	1996	---	---	---	\$10,908,000
	1995	---	---	---	10,421,000

Kern County Harvested Acres 1987 - 1996



KERN COUNTY 1996 CROP REPORT - SUMMARY

<u>COMMODITY</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>RANGE</u>	<u>ESTIMATED VALUE</u>
<i>Fruit and Nut Crops</i>	1996	233,612	---	\$ 977,834,000
	1995	223,214	---	1,005,502,000
<i>Field Crops and Rangeland</i>	1996	538,648	2,167,484	495,373,000
	1995*	527,559	2,192,986	420,477,000
<i>Vegetable Crops</i>	1996	92,486	---	271,080,000
	1995*	88,324	---	263,458,000
<i>Nursery Crops</i>	1996	2,581	---	72,383,000
	1995	2,652	---	68,710,000
<i>Industrial and Wood Crops</i>	1996	---	---	8,050,000
	1995	---	---	8,897,000
<i>Seed Crops</i>	1996	2,257	---	5,923,000
	1995	2,333	---	4,985,000
<i>Livestock and Poultry</i>	1996	---	---	89,565,000
	1995	---	---	84,607,000
<i>Livestock and Poultry Products</i>	1996	---	---	135,936,000
	1995	---	---	115,014,000
<i>Apiary Products</i>	1996	---	---	10,908,000
	1995	---	---	10,421,000
TOTALS	1996	869,584	2,167,484	\$2,067,052,000
	1995*	844,082	2,192,986	1,982,071,000

* Revised

<i>Total value without timber</i>	1996	\$2,067,028,000
	1995	1,980,721,000

KERN COUNTY 1996 CROP REPORT - PEST ERADICATION

<u>PEST</u>	<u>MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
<i>Almond Tree Abatement</i>	<i>Survey</i>	<i>20.0 Hours</i>
<i>Citrus Tristeza Virus</i>	<i>Sampling</i>	<i>173.5 Hours</i>
<i>Dalmatian Toadflax</i>	<i>Survey</i>	<i>25.5 Hours</i>
<i><u>Unaria dalmatica</u></i>	<i>Eradiation</i>	<i>52.5 Hours</i>
<i>Halogeton</i>	<i>Survey</i>	<i>25.0 Hours</i>
<i><u>Halogeton glomeratus</u></i>		
<i>Harmel</i>	<i>Survey</i>	<i>5.5 Hours</i>
<i><u>Peganum harmala</u></i>	<i>Eradiation</i>	<i>14.0 Hours</i>
<i>Pink Bollworm</i>	<i>Trapping*</i>	<i>75 Natives Detected</i>
<i><u>Pectinophora gossypiella</u></i>	<i>Sterile Release*</i>	<i>1,882 Fields</i>
	<i>Plowdown</i>	<i>294,128 Acres</i>
<i>Scotch Thistle</i>	<i>Survey</i>	<i>1.5 Hours</i>
<i><u>Onopordum acanthium</u></i>	<i>Eradiation</i>	<i>4.0 Hours</i>
<i>Spotted Knapweed</i>	<i>Survey</i>	<i>25.0 Hours</i>
<i><u>Centaurea maculosa</u></i>	<i>Eradiation</i>	<i>24.5 Hours</i>
<i>Yellow Starthistle</i>	<i>Mapping and</i>	
<i><u>Centaurea solstitialis</u></i>	<i>Biocontrol Releases</i>	<i>52.0 Hours</i>

**Cooperative Pink Bollworm Project*

PEST EXCLUSION - 1996

<u>INTERCEPTION</u>		<u>PATHWAY</u>
<i>Live Pest</i>	<i>9</i>	<i>Post Office</i>
<i>Improper Certification</i>	<i>118</i>	<i>Post Office</i>
<i>Labelling</i>	<i>25</i>	<i>Post Office</i>
<i>Live Pest</i>	<i>8</i>	<i>Parcel Post</i>
<i>Improper Certification</i>	<i>39</i>	<i>Parcel Post</i>
<i>Labelling</i>	<i>20</i>	<i>Parcel Post</i>
<i>Live Pest</i>	<i>3</i>	<i>Truck, Rail</i>
<i>Improper Certification</i>	<i>3</i>	<i>Truck, Rail</i>

Kern County intercepted 1 "Q" rated and 12 "C" rated pests in 1996.

KERN COUNTY 1996 CROP REPORT - PEST DETECTION/TRAPPING

<u>TRAP NAME</u>	<u>NUMBER</u>	<u>WHERE DEPLOYED</u>
Medfly Jackson Trap	700	Residential Areas
Medfly Jackson Trap	100	Commercial Areas
Oriental FF Jackson Trap	150	Residential Areas
Melon FF Jackson Trap	150	Residential Areas
McPhail Trap	180	Residential Areas
Gypsy Moth Delta Trap	300	Residential Areas
Gypsy Moth Delta Trap	50	High Hazard Areas
Japanese Beetle Trap	300	Residential Areas
Khapra Beetle Trogotrap	95	High Hazard Areas
European Corn Borer Trap	20	High Hazard Areas
European Pine Shoot Moth	10	Nurseries

EXOTIC PESTS TRAPPED

Sterile Mediterranean Fruit Flies

	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>
Bakersfield Area	9	18	24	4
Buttonwillow Area	1	9	11	0
Lebec - Grapevine Area	7	8	15	2
Other Areas	<u>3</u>	<u>5</u>	<u>9</u>	<u>1</u>
TOTAL	20	40	59	7

Sterile Mexican Fruit Flies

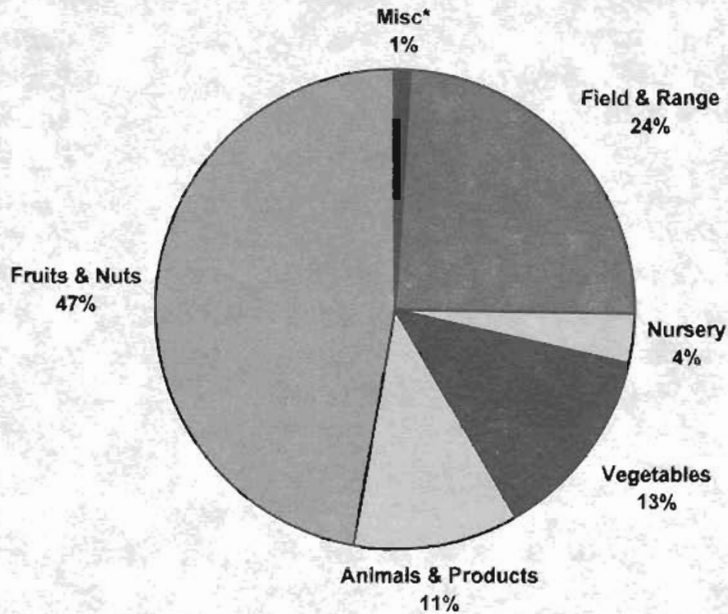
	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>
Bakersfield Area	0	8	0	0

BIOLOGICAL CONTROL ACTIVITIES - 1996

<u>PEST</u>	<u>AGENT</u>	<u>SCOPE OF PROGRAM</u>
Silverleaf Whitefly <i>Bemisia tabaci</i>	Parasitic wasp <i>Eretmocerus</i> sp.	3 Species Released 8 Release Sites 210,000 Individuals Released
Yellow Starthistle <i>Centaurea solstitialis</i>	Hairy Weevil See Summary <i>Eustenopus villosus</i>	

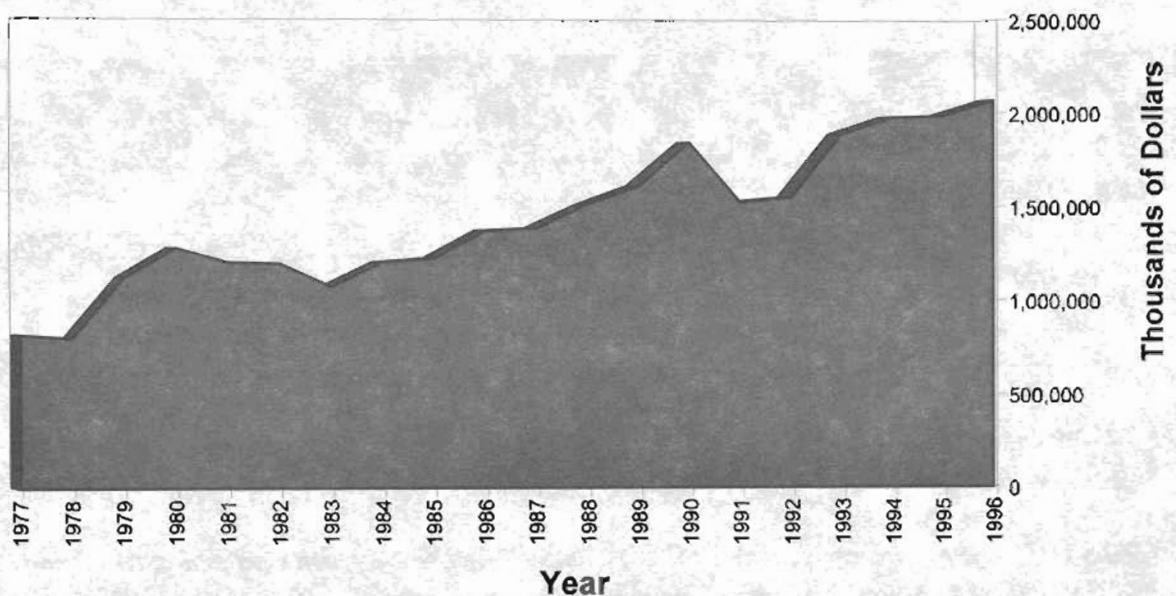
In June, 1996 Hairy weevils were collected from Yellow Starthistle plants adjacent to Folsom Lake in Sacramento County by the Kern County Agricultural Commissioner's Office. District Biologist Barry Marlett released 1,000 of these weevils in the Tehachapi area. Another 400 weevils were released in the Frazier Park area.

Kern County 1996 Crop Value \$2,067,052,000



* Misc Includes: Industrial, Seed, and Apiary

Kern County Total Crop Value A 20 Year Comparison



*Kern County Agricultural Commissioner's Office
Personnel - 1996*

*Agricultural Commissioner
Theodore K. Davis*

*Assistant Agricultural Commissioner
Louie I. Cervantes*

*Deputy Agricultural Commissioners
Jack E. Marks
David J. Moore*

Agricultural Biologist IVs

<i>Steven H. Groves, Shafter/Wasco</i>	<i>Douglas I. Roye, Mettler</i>
<i>Calvin E. Langston, Edison/Bakersfield</i>	<i>Samuel A. Vorhees, Delano/McFarland</i>
<i>Barry H. Marlett, Tehachapi</i>	<i>Steven G. Watson, Arvin/Lamont</i>
<i>Matthew R. Peet, Pest Exclusion/Detection</i>	<i>Robert L. Wegis, Pesticide Enforcement</i>
<i>Richard L. White, Fruit & Vegetable</i>	

Agricultural Biologists

<i>Irene M. Acosta</i>	<i>Myron K. Kimmel</i>
<i>Lanette M. Bankston</i>	<i>Gary A. Klawitter</i>
<i>James A. Brackeen</i>	<i>Marilou S. Lagasca</i>
<i>Jacquelyn K. Bressler</i>	<i>Cortney Lapp</i>
<i>Craig M. Foy</i>	<i>Albert C. McCoy</i>
<i>Edward W. Greynolds</i>	<i>Cerise K. Nettleton</i>
<i>Darin B. Heard</i>	<i>G. Duane Orullian</i>
<i>Nancy J. Holland</i>	<i>Mark R. Sabin</i>
<i>Craig Hudson</i>	<i>Joseph V. Sithole</i>
<i>Alpha A. Kamara</i>	<i>Raymond M. Valles</i>
<i>Kenneth W. Kenney</i>	<i>M. Sharon Wilbur</i>
<i>Michael R. Williams</i>	

Clerical

<i>Sharon S. Cornelison Senior Secretary</i>	<i>Bonita M. Christolear Account Clerk IV</i>
<i>Nancy L. Finzel Typist Clerk III</i>	<i>Kathryn F. Miller Account Clerk III</i>
<i>Barbara McMillian Data Entry Operator II</i>	<i>Elizabeth A. Hall Account Clerk II</i>

DEPARTMENT OF AGRICULTURE

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THEODORE K. DAVIS

Agricultural Commissioner

LOUIE I. CERVANTES

Assistant Commissioner



JACK E. MARKS
Deputy Commissioner

DAVID J. MOORE
Deputy Commissioner

1997

Ms. Ann M. Veneman, Secretary
California Dept. of Food & Agriculture
-and-
The Honorable Board of Supervisors
County of Kern

In accordance with Section 2279 of the California Food and Agricultural Code, I submit the Agricultural Crop Report for 1997.

The 1997 total value of agricultural commodities produced in Kern County is \$2,192,923,000. This represents a 5% growth over the 1996 value and has for the second year exceeded the \$2 Billion mark.

Grapes retains its prominence as the number one commodity. In 1986 grapes replaced cotton as the number one commodity for the first time. Grapes have remained the number one crop since 1993. Most notable is the shift of cotton to the number three position. Since 1970 Cotton has historically been either the number one or number two commodity. This continues a downward trend in cotton production that began in 1993. Citrus takes over the number two position with a 58% increase in value. This increase is primarily due to an increase in the number of bearing acres and an increase in the production per acre. Lettuce moved into the top twenty crops with a 105% increase. Both production per acre and price were up.

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.**

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Theodore K. Davis".

Theodore K. Davis
Agricultural Commissioner

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KERN COUNTY 1997 CROP REPORT - TOP 20 CROPS

<i>COMMODITY</i>	<i>VALUE</i>	<i>1996 RANK</i>
<i>1. Grapes</i>	<i>\$496,287,000</i>	<i>1</i>
<i>2. Citrus, Fresh and Processing</i>	<i>300,496,000</i>	<i>4</i>
<i>3. Cotton, Including Processed Cottonseed</i>	<i>300,085,000</i>	<i>2</i>
<i>4. Almonds, Including By-Products</i>	<i>203,452,000</i>	<i>3</i>
<i>5. Market Milk</i>	<i>118,481,000</i>	<i>5</i>
<i>6. Hay, Alfalfa</i>	<i>82,528,000</i>	<i>10</i>
<i>7. Pistachios</i>	<i>80,526,000</i>	<i>12</i>
<i>8. Nursery Crops</i>	<i>79,629,000</i>	<i>9</i>
<i>9. Cattle and Calves</i>	<i>76,831,000</i>	<i>8</i>
<i>10. Potatoes, Fresh and Processing</i>	<i>64,932,000</i>	<i>6</i>
<i>11. Carrots, Fresh and Processing</i>	<i>51,023,000</i>	<i>7</i>
<i>12. Apples, All</i>	<i>41,715,000</i>	<i>11</i>
<i>13. Wheat</i>	<i>27,276,000</i>	<i>13</i>
<i>14. Onions, Fresh and Dehydrator</i>	<i>22,505,000</i>	<i>14</i>
<i>15. Lettuce</i>	<i>17,438,000</i>	<i>22</i>
<i>16. Plums</i>	<i>15,267,000</i>	<i>15</i>
<i>17. Watermelons</i>	<i>14,955,000</i>	<i>17</i>
<i>18. Sheep and Lambs</i>	<i>14,107,000</i>	<i>18</i>
<i>19. Peaches</i>	<i>11,945,000</i>	<i>16</i>
<i>20. Garlic, Fresh and Dehydrator</i>	<i>9,082,000</i>	<i>19</i>

KERN COUNTY 1997 CROP REPORT - PERMANENT ACREAGE

<i>CROP</i>	<i>YEAR</i>	<i>BEARING</i>	<i>NON-BEARING</i>	<i>TOTAL</i>
<i>Almonds</i>	<i>1997</i>	<i>72,620</i>	<i>14,959</i>	<i>87,579</i>
	<i>1996</i>	<i>73,383</i>	<i>13,024</i>	<i>86,407</i>
<i>Apples</i>	<i>1997</i>	<i>5,094</i>	<i>90</i>	<i>5,184</i>
	<i>1996</i>	<i>5,051</i>	<i>141</i>	<i>5,192</i>
<i>Apricots</i>	<i>1997</i>	<i>837</i>	<i>29</i>	<i>866</i>
	<i>1996</i>	<i>835</i>	<i>52</i>	<i>887</i>
<i>Cherries</i>	<i>1997</i>	<i>185</i>	<i>98</i>	<i>283</i>
	<i>1996</i>	<i>101</i>	<i>186</i>	<i>287</i>
<i>Figs</i>	<i>1997</i>	<i>404</i>	<i>111</i>	<i>515</i>
	<i>1996</i>	<i>404</i>	<i>111</i>	<i>515</i>
<i>Grapefruit</i>	<i>1997</i>	<i>1,030</i>	<i>314</i>	<i>1,344</i>
	<i>1996</i>	<i>990</i>	<i>358</i>	<i>1,348</i>
<i>GRAPES, ALL</i>	<i>1997</i>	<i>77,239</i>	<i>10,657</i>	<i>87,896</i>
	<i>1996</i>	<i>74,463</i>	<i>9,203</i>	<i>83,666</i>
<i>Raisin</i>	<i>1997</i>	<i>26,408</i>	<i>837</i>	<i>27,245</i>
	<i>1996</i>	<i>25,806</i>	<i>1,547</i>	<i>27,353</i>
<i>Table</i>	<i>1997</i>	<i>24,613</i>	<i>5,042</i>	<i>29,655</i>
	<i>1996</i>	<i>23,792</i>	<i>5,176</i>	<i>28,968</i>
<i>Wine</i>	<i>1997</i>	<i>26,218</i>	<i>4,778</i>	<i>30,996</i>
	<i>1996</i>	<i>24,865</i>	<i>2,480</i>	<i>27,345</i>
<i>Jojoba</i>	<i>1997</i>	<i>0</i>	<i>0</i>	<i>0</i>
	<i>1996</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Kiwi</i>	<i>1997</i>	<i>230</i>	<i>0</i>	<i>230</i>
	<i>1996</i>	<i>400</i>	<i>0</i>	<i>400</i>
<i>Lemons</i>	<i>1997</i>	<i>3,919</i>	<i>66</i>	<i>3,985</i>
	<i>1996</i>	<i>3,143</i>	<i>68</i>	<i>3,211</i>
<i>Nectarines</i>	<i>1997</i>	<i>2,399</i>	<i>10</i>	<i>2,409</i>
	<i>1996</i>	<i>2,343</i>	<i>56</i>	<i>2,399</i>
<i>Olives</i>	<i>1997</i>	<i>1,154</i>	<i>14</i>	<i>1,168</i>
	<i>1996</i>	<i>2,052</i>	<i>84</i>	<i>2,136</i>

KERN COUNTY 1997 CROP REPORT - PERMANENT ACREAGE

<i>CROP</i>	<i>YEAR</i>	<i>BEARING</i>	<i>NON-BEARING</i>	<i>TOTAL</i>
<i>ORANGES, ALL</i>	<i>1997</i>	<i>36,644</i>	<i>1,842</i>	<i>38,486</i>
	<i>1996</i>	<i>36,260</i>	<i>1,401</i>	<i>37,661</i>
<i>Navel</i>	<i>1997</i>	<i>27,476</i>	<i>1,383</i>	<i>28,859</i>
	<i>1996</i>	<i>26,868</i>	<i>1,375</i>	<i>28,243</i>
<i>Valencias</i>	<i>1997</i>	<i>9,168</i>	<i>459</i>	<i>9,627</i>
	<i>1996</i>	<i>9,392</i>	<i>26</i>	<i>9,418</i>
<i>Peaches</i>	<i>1997</i>	<i>2,862</i>	<i>24</i>	<i>2,886</i>
	<i>1996</i>	<i>2,610</i>	<i>249</i>	<i>2,859</i>
<i>Pears</i>	<i>1997</i>	<i>416</i>	<i>16</i>	<i>432</i>
	<i>1996</i>	<i>416</i>	<i>16</i>	<i>432</i>
<i>Pecans</i>	<i>1997</i>	<i>603</i>	<i>0</i>	<i>603</i>
	<i>1996</i>	<i>658</i>	<i>0</i>	<i>658</i>
<i>Persimmons</i>	<i>1997</i>	<i>81</i>	<i>22</i>	<i>103</i>
	<i>1996</i>	<i>71</i>	<i>32</i>	<i>103</i>
<i>Pistachios</i>	<i>1997</i>	<i>24,222</i>	<i>7,118</i>	<i>31,340</i>
	<i>1996</i>	<i>23,869</i>	<i>7,156</i>	<i>31,025</i>
<i>Plums</i>	<i>1997</i>	<i>2,904</i>	<i>28</i>	<i>2,932</i>
	<i>1996</i>	<i>2,957</i>	<i>37</i>	<i>2,994</i>
<i>Pomegranates</i>	<i>1997</i>	<i>438</i>	<i>6</i>	<i>444</i>
	<i>1996</i>	<i>438</i>	<i>6</i>	<i>444</i>
<i>Prunes</i>	<i>1997</i>	<i>102</i>	<i>217</i>	<i>319</i>
	<i>1996</i>	<i>102</i>	<i>213</i>	<i>315</i>
<i>Tangerines & Tangelos</i>	<i>1997</i>	<i>1,615</i>	<i>355</i>	<i>1,970</i>
	<i>1996</i>	<i>1,352</i>	<i>258</i>	<i>1,610</i>
<i>Walnuts</i>	<i>1997</i>	<i>1,413</i>	<i>46</i>	<i>1,459</i>
	<i>1996</i>	<i>1,504</i>	<i>31</i>	<i>1,535</i>
<i>Misc.</i>	<i>a/1997</i>	<i>310</i>	<i>0</i>	<i>310</i>
	<i>b/1996</i>	<i>13</i>	<i>0</i>	<i>13</i>
<i>TOTALS</i>	<i>1997</i>	<i>236,721</i>	<i>36,022</i>	<i>272,743</i>
	<i>1996</i>	<i>233,415</i>	<i>32,682</i>	<i>266,097</i>

a/ Same as b/ plus Plumbcot and Table Grape-Raisin. b/ Includes: Chestnut, Guava/Feijoa, Kumquat, and Loquat.

KERN COUNTY 1997 CROP REPORT - FRUITS & NUTS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
<i>Almonds</i>	1997	72,620	0.83	a/60,600	Ton	\$3,058.00	\$185,336,000
	1996	73,383	0.64	a/47,200	Ton	4,065.00	191,860,000
<i>Almond</i>	1997	---	---	239,000	Ton	75.80	18,116,000
<i>By-Products</i>	*1996	---	---	197,000	Ton	77.90	15,347,000
<i>APPLES, ALL</i>	1997	5,094	17.02	86,700	Ton	---	41,715,000
	1996	5,051	21.08	106,500	Ton	---	58,590,000
<i>Fresh</i>	1997	---	---	60,100	Ton	636.00	38,241,000
	1996	---	---	67,500	Ton	791.00	53,413,000
<i>Processing</i>	1997	---	---	26,600	Ton	131.00	3,474,000
	1996	---	---	39,000	Ton	133.00	5,177,000
<i>Apricots</i>	1997	837	5.14	4,300	Ton	751.00	3,228,000
	1996	835	3.95	3,300	Ton	1,273.00	4,202,000
<i>CITRUS, ALL</i>	1997	43,208	18.85	814,300	Ton	---	300,496,000
	*1996	41,745	13.40	559,500	Ton	---	189,778,000
<i>Grapefruit</i>	1997	1,030	11.60	11,900	Ton	361.00	4,301,000
	1996	990	16.80	16,600	Ton	326.00	5,405,000
<i>Lemons</i>	1997	3,919	24.32	95,300	Ton	496.00	47,254,000
	1996	3,143	11.33	35,600	Ton	525.00	18,676,000
<i>Oranges, Navel</i>	1997	27,476	14.92	410,000	Ton	429.00	175,865,000
	1996	26,868	9.94	267,000	Ton	370.00	98,883,000
<i>Oranges, Valencia</i>	1997	9,168	13.63	125,000	Ton	436.00	54,562,000
	1996	9,392	11.50	108,000	Ton	507.00	54,788,000
<i>Tangerine & Tangelo</i>	1997	1,615	9.97	16,100	Ton	627.00	10,097,000
	1996	1,352	11.32	15,300	Ton	370.00	5,658,000
<i>Processing, All Citrus</i>	1997	---	---	156,000	Ton	54.00	8,417,000
	*1996	---	---	117,000	Ton	54.40	6,368,000
<i>GRAPES, ALL</i>	1997	77,239	10.41	803,990	Ton	---	496,287,000
	*1996	74,463	8.22	612,000	Ton	---	428,049,000
<i>Raisin</i>	b/1997	26,408	9.23	243,870	Ton	---	149,156,000
<i>Variety</i>	*b/1996	25,806	7.65	198,000	Ton	---	142,735,000
<i>Fresh Market</i>	1997	---	---	113,000	Ton	1,096.00	123,852,000
	1996	---	---	77,500	Ton	1,154.00	89,438,000
<i>Raisins</i>	c/1997	---	---	6,280	Ton	925.00	5,811,000
	*c/1996	---	---	2,540	Ton	1,041.00	2,645,000

KERN COUNTY 1997 CROP REPORT - FRUITS & NUTS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
<i>Processing</i>	1997	---	---	7,370	Ton	\$ 248.00	\$ 1,827,000
	1996	---	---	11,600	Ton	248.00	2,875,000
<i>Crushed</i>	1997	---	---	97,100	Ton	182.00	17,666,000
	1996	---	---	65,000	Ton	193.00	12,554,000
<i>Juice</i>	1997	---	---	0	Ton	0	0
	1996	---	---	2,420	Ton	250.00	606,000
<i>Table</i>	1997	24,613	11.56	284,500	Ton	---	262,185,000
<i>Variety</i>	1996	23,792	7.69	183,000	Ton	---	218,530,000
<i>Fresh Market</i>	1997	---	---	219,700	Ton	1,147.00	252,071,000
	1996	---	---	154,000	Ton	1,384.00	213,113,000
<i>Crushed</i>	1997	---	---	64,800	Ton	156.00	10,114,000
	1996	---	---	29,000	Ton	187.00	5,417,000
<i>Raisin</i>	d/ 1997	---	---	---	Ton	---	---
	1996	---	---	---	Ton	---	---
<i>Wine</i>	1997	26,218	10.51	275,620	Ton	---	84,946,000
<i>Variety</i>	1996	24,865	9.29	231,000	Ton	---	66,784,000
<i>Crushed</i>	1997	---	---	272,000	Ton	299.00	81,297,000
	1996	---	---	228,000	Ton	290.00	66,034,000
<i>Juice</i>	1997	---	---	3,620	Ton	1,008.00	3,649,000
	1996	---	---	3,000	Ton	250.00	750,000
<i>Kiwi</i>	1997	230	6.74	1,550	Ton	1,102.00	1,708,000
	1996	400	3.93	1,570	Ton	1,159.00	1,820,000
<i>Nectarines</i>	1997	2,399	4.29	10,300	Ton	960.00	9,890,000
	1996	2,343	5.00	11,700	Ton	836.00	9,794,000
<i>Olives</i>	1997	1,154	3.26	3,760	Ton	655.00	2,464,000
	1996	2,052	6.48	13,300	Ton	631.00	8,387,000
<i>Peaches</i>	1997	2,862	4.61	13,200	Ton	905.00	11,945,000
	1996	2,610	5.94	15,500	Ton	973.00	15,087,000
<i>Pistachios</i>	1997	24,222	1.47	e/35,600	Ton	2,262.00	80,526,000
	1996	23,869	0.93	e/22,300	Ton	2,263.00	50,459,000
<i>Plums</i>	1997	2,904	5.75	16,700	Ton	914.00	15,267,000
	1996	2,957	7.68	22,700	Ton	851.00	19,324,000
<i>Walnuts</i>	1997	1,413	1.44	e/2,030	Ton	1,283.00	2,604,000
	1996	1,504	2.38	e/3,580	Ton	1,507.00	5,394,000

KERN COUNTY 1997 CROP REPORT - FRUITS & NUTS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Misc.	f/1997	2,444	---	6,380	Ton	---	\$ 6,729,000
	g/1996	2,400	---	13,000	Ton	---	11,898,000
TOTALS	1997	236,626	---	2,098,410	Ton	---	\$ 1,176,311,000
	1996	233,612	---	1,629,150	Ton	---	1,009,989,000

*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: 1996 - 4.30 to 1 1997 - 4.20 to 1

d/ Acres, total production, and total value are in Miscellaneous Fruit & Nut.

e/ Pistachio and walnut production stated in terms of In-shell Equivalents.

f/ Includes: Blueberries, Bushberries, Cherries, Figs (Fresh and Dry), Guava/Feijoas, Kumquats, Loquats, All Pears, Pecans, Persimmons, Plumcots, Pomegranates, Prunes, Raspberries, Strawberries, and Table Grapes for Raisin Use .

g/ Includes: Apples (Processed), Bushberries, Cherries, Chestnuts, Figs (Fresh and Dry), Guava/Feijoas, Kumquats, Peaches (Processed), All Pears, Pecans, Persimmons, Pomegranates, Prunes, and Strawberries.

KERN COUNTY 1997 CROP REPORT - SEED CROPS

CROP	YEAR	HARVESTED ACRES	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Cotton	1997	20,840	18,200	Ton	a/\$226.00	\$4,121,000
	1996	25,160	21,900	Ton	a/216.00	4,728,000
Field	b/1997	2,656	7,560	Ton	---	1,237,000
	c/1996	2,150	4,620	Ton	---	932,000
Vegetable	d/1997	204	21	Ton	---	320,000
	e/1996	107	34	Ton	---	263,000
TOTALS	1997	f/2,860	25,781	Ton	---	\$5,678,000
	1996	f/2,257	26,554	Ton	---	5,923,000

a/ Includes a per acre approval.

b/ Includes: Alfalfa, Barley, Blackeyes, Triticale, and Wheat.

c/ Includes: Alfalfa, Barley, Blackeyes, Oats, Rye, Safflower, Wheat, and Other.

d/ Includes: Lettuce, Radish, Broccoli, Cabbage, and Onion.

e/ Includes: Lettuce and Onions.

f/ Does not include cotton acreage.

KERN COUNTY 1997 CROP REPORT - FIELD CROPS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Barley	a/1997	7,820	0.75	5,860	Ton	\$ 117.00	\$ 684,000
	1996	23,287	1.89	44,000	Ton	147.00	6,452,000
Beans, Dry	1997	7,081	1.35	9,570	Ton	559.00	5,348,000
Edible	1996	5,793	1.14	6,600	Ton	590.00	3,893,000
Cotton Lint,	1997	196,665	b/1,297	c/515,000	Bale	d/0.75	191,306,000
Acala	1996	237,125	b/1,207	c/578,000	Bale	d/0.81	231,830,000
Cotton Lint,	1997	55,730	b/1,201	c/135,000	Bale	d/1.03	68,940,000
Pima	1996	56,625	b/1,045	c/120,000	Bale	d/1.11	65,682,000
Cottonseed,	1997	---	---	218,000	Ton	183.00	39,839,000
Processing	1996	---	---	244,000	Ton	183.00	44,572,000
Hay,	1997	95,000	7.08	673,000	Ton	123.00	82,528,000
Alfalfa	1996	81,000	8.12	658,000	Ton	106.00	69,389,000
Hay,	1997	10,000	2.44	24,400	Ton	138.00	3,357,000
Grain	1996	10,000	3.25	32,500	Ton	83.60	2,717,000
Hay,	1997	5,000	2.40	12,000	Ton	85.80	1,029,000
Other	1996	4,500	2.87	12,900	Ton	102.00	1,317,000
Pasture,	1997	8,000	---	---	Acre	135.00	1,080,000
Irrigated	1996	10,000	---	---	Acre	135.00	1,350,000
Pasture,	1997	---	---	---	---	---	1,019,000
Other	1996	---	---	---	---	---	1,341,000
Pasture,	1997	2,215,181	---	---	Acre	5.00	11,076,000
Range	1996	2,167,484	---	---	Acre	5.00	10,837,000
Safflower	1997	5,900	1.29	7,610	Ton	323.00	2,458,000
	1996	13,600	1.32	18,000	Ton	332.00	5,970,000
Silage and	1997	30,000	17.90	538,000	Ton	17.00	9,144,000
Forage	1996	22,500	19.60	441,000	Ton	17.90	7,894,000
Sugar Beets	1997	3,785	31.70	120,000	Ton	37.00	4,440,000
	1996	7,218	28.00	202,000	Ton	36.00	7,276,000
Wheat	1997	73,000	2.66	194,000	Ton	141.00	27,276,000
	1996	67,000	2.68	180,000	Ton	168.00	30,208,000
Misc.	e/1997	---	---	---	---	---	4,502,000
	f/1996	---	---	---	---	---	4,645,000

a/ May contain dryland b/ Pounds Lint Per Acre c/ 495 Pounds Net Weight Bale d/ Price Per Pound

e/ Includes: Field Corn (Grain), Sorghum Grain, and Straw f/ Includes: Field Corn (Grain), Rye, Sorghum Grain, and Straw. g/ Doesn't include Range acreage.

KERN COUNTY 1997 CROP REPORT - VEGETABLE CROPS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Cantaloupes	1997	2,283	15.64	35,700	Ton	\$ 222.00	\$ 7,941,000
	1996	2,476	15.70	39,000	Ton	257.00	9,975,000
Corn, Sweet	1997	469	5.91	2,770	Ton	217.00	602,000
	1996	599	8.10	4,850	Ton	225.00	1,092,000
Garlic, Dehydrator	1997	1,781	5.59	9,960	Ton	196.00	1,948,000
	1996	1,760	8.13	14,300	Ton	206.00	2,951,000
Garlic, Fresh	1997	1,141	5.68	6,480	Ton	1,100.00	7,134,000
	1996	1,310	7.02	9,200	Ton	1,204.00	11,077,000
Lettuce, Head	1997	3,760	19.50	73,360	Ton	---	17,438,000
Naked Pack		---	---	59,000	Ton	243.00	14,331,000
Wrapped Pack		---	---	4,260	Ton	308.00	1,311,000
Bulk Shredder		---	---	10,100	Ton	178.00	1,796,000
Lettuce, Head	1996	3,467	14.10	49,000	Ton	---	8,524,000
Naked Pack		---	---	38,500	Ton	176.00	6,757,000
Wrapped Pack		---	---	6,540	Ton	193.00	1,263,000
Bulk Shredder		---	---	3,970	Ton	127.00	504,000
Melons, Other	1997	1,000	15.25	15,300	Ton	224.00	3,422,000
	1996	1,041	16.99	17,700	Ton	236.00	4,179,000
Onions, Fresh	1997	1,621	27.58	44,700	Ton	244.00	10,905,000
	1996	1,925	22.29	42,900	Ton	288.00	12,375,000
Onions, Dehydrator	1997	7,867	19.19	151,000	Ton	76.80	11,600,000
	1996	6,751	18.32	123,700	Ton	78.70	9,733,000
Peppers, Bell	1997	1,511	16.90	25,500	Ton	230.10	5,867,000
	1996	1,526	15.34	23,400	Ton	358.00	8,380,000

KERN COUNTY 1997 CROP REPORT - VEGETABLE CROPS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
POTATOES,	1997	25,874	15.80	408,580	Ton	---	\$ 64,932,000
ALL	*1996	22,820	19.12	436,400	Ton	---	84,130,300
Spring	1997	23,815	16.00	382,200	Ton	---	57,138,000
Total	*1996	20,550	19.53	401,400	Ton	---	74,360,000
Fresh	1997	---	---	240,800	Ton	\$193.00	46,426,000
Market	1996	---	---	267,700	Ton	241.00	64,489,000
Processing	1997	---	---	81,200	Ton	127.00	10,291,000
	1996	---	---	80,200	Ton	121.00	9,710,000
Culls	1997	---	---	60,200	Ton	7.00	421,000
	*1996	---	---	53,500	Ton	3.00	161,000
Winter	1997	2,059	12.81	26,380	Ton	---	7,794,000
Total	*1996	2,270	15.42	35,000	Ton	---	9,770,300
Fresh	1997	---	---	21,100	Ton	368.00	7,757,000
Market	1996	---	---	29,200	Ton	332.00	9,706,000
Culls	1997	---	---	5,280	Ton	7.00	37,000
	*1996	---	---	5,800	Ton	11.00	64,300
Tomatoes,	1997	2,324	39.60	92,000	Ton	51.00	4,694,000
Processing	1996	4,600	34.60	159,000	Ton	53.60	8,525,000
Watermelons,	1997	2,023	21.60	43,700	Ton	106.00	4,647,000
Seeded	1996	2,946	22.30	65,800	Ton	95.70	6,295,000
Watermelons,	1997	1,712	30.30	51,800	Ton	199.00	10,308,000
Seedless	1996	1,912	24.00	45,800	Ton	173.00	7,907,000
Misc.	a/1997	48,169	---	1,414,300	Ton	---	78,235,000
	b/1996	39,353	---	1,147,300	Ton	---	84,554,000
TOTALS	1997	101,535	---	2,375,150	Ton	---	\$229,673,000
	1996	92,486	---	2,178,350	Ton	---	259,697,300

* Revised

a/ Includes: Asparagus, Beans (Snap), Broccoli, Cabbage, Carrots, Cauliflower, Eggplant, Herbs (Spice), Leaf Lettuce, Lima Beans, Mixed Greens, Mushrooms, Napa Cabbage, Okra, Onions (Green), Parsley, Peas, Pea Sprouts, Peppers (Chili and Processing), Pumpkins, Radishes, Red Beets, Romaine Lettuce, Rutabagas, Spinach, Squash, Sweet Potatoes, Tomatoes (Fresh), and Turnips.

b/ Includes: Artichokes, Asparagus, Beans (Snap), Broccoli, Cabbage, Carrots, Cauliflower, Eggplant, Leaf Lettuce, Mixed Greens, Mushrooms, Napa Cabbage, Okra, Onions (Green), Parsnips, Pea Sprouts, Peppers (Chili and Processing), Pumpkins, Radishes, Red Beets, Rutabagas, Squash, Sweet Potatoes, and Turnips.



AGRICULTURE &

The Kern County Agricultural Commissioner's Office and the Internet

Our office has maintained a presence on the World Wide Web for over three years. The tremendous explosion of information available through this medium promises to reshape the way agribusiness is conducted in our valley. Listed below are just a few of the services available to the San Joaquin valley agricultural community through our home page:

Export Information

With more and more agricultural commodities being exported from our area every year, the Kern County Agricultural Commissioner's Office devotes a portion of its home page to current, reliable export information. Purdue University maintains a subscription database detailing export requirements for more than 200 countries. Our office maintains a subset of this database with shipping requirements for over 100 countries of local interest. This free service allows area exporters to keep abreast of changing requirements for locally produced export commodities.

We also maintain an on-line reference of local exporters so that anyone, anywhere in the world can contact valley shippers for information on specific commodities of interest. Contact our office to be included in this resource.

Crop Reports

The statistical information included in our annual crop report is useful to a wide variety of agribusiness related industries. We have published five years of crop reports on-line to date, and will ultimately release all seventy plus year's worth of data on our web site, providing instant access to this information to a world-wide audience.

Other Information

Log on to our site and download California registered pesticide data, jump to the Weather Center for frequently updated valley weather forecasts, or e-mail office staff. Our site also includes timely press releases, bulletins, and information on current issues (seminars, meetings, etc.).

Visit us at: <http://www.netxn.com/~agcom15/>

THE WORLD WIDE WEB

Agriculture Related Resources on the Internet

One of the most valuable resources on a well executed web page is the wealth of related sites available to visitors. These jumping off points often lead to resources unfamiliar to the navigator. Listed below are some of the related pages one can access from the Kern County Agricultural Commissioner's Office home page:

The USDA Foreign Agricultural Service (FAS)

This site offers trade reports by country and counseling services for exporters such as trade leads, buyer lists, and credit guarantee programs.

CDFA Agricultural Export Program

This web page provides information on upcoming trade shows, international mission information and resources, and a vast array of export publications.

The Kern County Farm Bureau

This site offers a five day cotton planting forecast in Fahrenheit degree days, information on the recently implemented Agricultural Biology concentration at Cal State University Bakersfield, and Kern County's own Farm News on-line.

USDA Animal and Plant Health Inspection Services (APHIS)

Information available at this site includes current Medfly infestation information, wheat Karnal Bunt statistics for the United States, and on-line access to hundreds of USDA APHIS publications.

California Department of Pesticide Regulation

This very useful and informative site includes a free subscription e-mail service for current department news releases and endangered species information, and the most up-to-date Section 18 information available anywhere. This site also includes query engines for finding the most current product/label information for California registered pesticides and for determining section based endangered species habitat/pesticide use limitations.

Precision Farming

The University of Georgia College of Agricultural and Environmental Sciences maintains a detailed reference for those interested in technology on the farm. GIS, GPS, variable rate technology, soil mapping, and computer hardware & software information can all be found at this site.

Visit us at: <http://www.netxn.com/~agcom15/>

KERN COUNTY 1997 CROP REPORT - NURSERY CROPS

<i>CROP</i>	<i>YEAR</i>	<i>HARVESTED ACRES</i>	<i>TOTAL PRODUCTION</i>	<i>UNIT</i>	<i>UNIT VALUE</i>	<i>TOTAL VALUE</i>
<i>Christmas Trees</i>	<i>1997</i>	---	5,800	<i>Tree</i>	---	\$ 123,000
	<i>1996</i>	---	8,650	<i>Tree</i>	---	167,000
<i>Fruit and Nut Trees, Vines</i>	<i>a/1997</i>	503	52,648,000	<i>Plant</i>	---	39,813,000
	<i>a/1996</i>	280	11,749,000	<i>Plant</i>	---	31,122,000
<i>Herbaceous Plants</i>	<i>1997</i>	---	---	---	---	1,504,000
	<i>1996</i>	---	---	---	---	2,664,000
<i>Ornamental Trees & Shrubs</i>	<i>a/1997</i>	20	266,000	<i>Plant</i>	---	447,000
	<i>a/1996</i>	11	66,000	<i>Plant</i>	---	458,000
<i>Propagative Material</i>	<i>1997</i>	---	---	---	---	1,020,000
	<i>1996</i>	---	---	---	---	1,168,000
<i>Roses</i>	<i>1997</i>	1,522	22,179,000	<i>Plant</i>	\$1.35	30,007,000
	<i>1996</i>	1,590	28,956,000	<i>Plant</i>	1.08	31,315,000
<i>Turf</i>	<i>1997</i>	840	36,595,000	<i>Sq Ft</i>	0.18	6,715,000
	<i>1996</i>	700	30,492,000	<i>Sq Ft</i>	0.18	5,489,000
<i>TOTALS</i>	<i>1997</i>	2,885	---	---	---	\$79,629,000
	<i>1996</i>	2,581	---	---	---	72,383,000

a/ Includes container grown plants.

INDUSTRIAL AND WOOD CROPS - 1997

<i>CROP</i>	<i>YEAR</i>	<i>TOTAL PRODUCTION</i>	<i>UNIT</i>	<i>UNIT VALUE</i>	<i>TOTAL VALUE</i>
<i>Biomass and Composting</i>	<i>1997</i>	571,000	<i>Ton</i>	---	\$9,948,000
	<i>1996</i>	302,000	<i>Ton</i>	---	8,009,000
<i>Timber</i>	<i>a/1997</i>	3,707,000	<i>Brd Ft</i>	---	1,633,000
	<i>a/1996</i>	33,000	<i>Brd Ft</i>	---	24,000
<i>Wood for Fuel</i>	<i>1997</i>	1,650	<i>Cords</i>	<i>b/\$26.00</i>	43,000
	<i>1996</i>	1,030	<i>Cords</i>	<i>b/16.50</i>	17,000
<i>TOTAL</i>	<i>1997</i>	---	---	---	\$11,624,000
	<i>1996</i>	---	---	---	8,050,000

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.

KERN COUNTY 1997 CROP REPORT - LIVESTOCK & POULTRY

KIND	YEAR	NUMBER OF HEAD	TOTAL LIVEWEIGHT	UNIT	UNIT VALUE	TOTAL VALUE
<i>Cattle and Calves</i>	1997	346,000	1,119,000	Cwt	\$68.70	\$76,831,000
	1996	298,000	1,129,000	Cwt	63.75	72,614,000
<i>Sheep and Lambs</i>	1997	124,000	164,000	Cwt	86.02	14,107,000
	1996	158,000	176,000	Cwt	80.40	14,181,000
<i>Hogs</i>	1997	2,730	6,000	Cwt	54.80	329,000
	1996	2,500	5,400	Cwt	52.00	282,000
<i>Fryers and Roasters</i>	1997	564,000	3,003,000	Lb	0.45	1,346,000
	1996	386,000	2,183,000	Lb	0.46	996,000
<i>Ostriches</i>	1997	5,860	---	---	---	1,810,000
	1996	4,700	---	---	---	1,405,000
<i>Misc.</i>	a/1997	---	---	---	---	121,000
	a/1996	---	---	---	---	87,000
TOTALS	1997	---	---	---	---	\$94,544,000
	1996	---	---	---	---	89,565,000

a/ Includes Game Birds for Meat and Other.

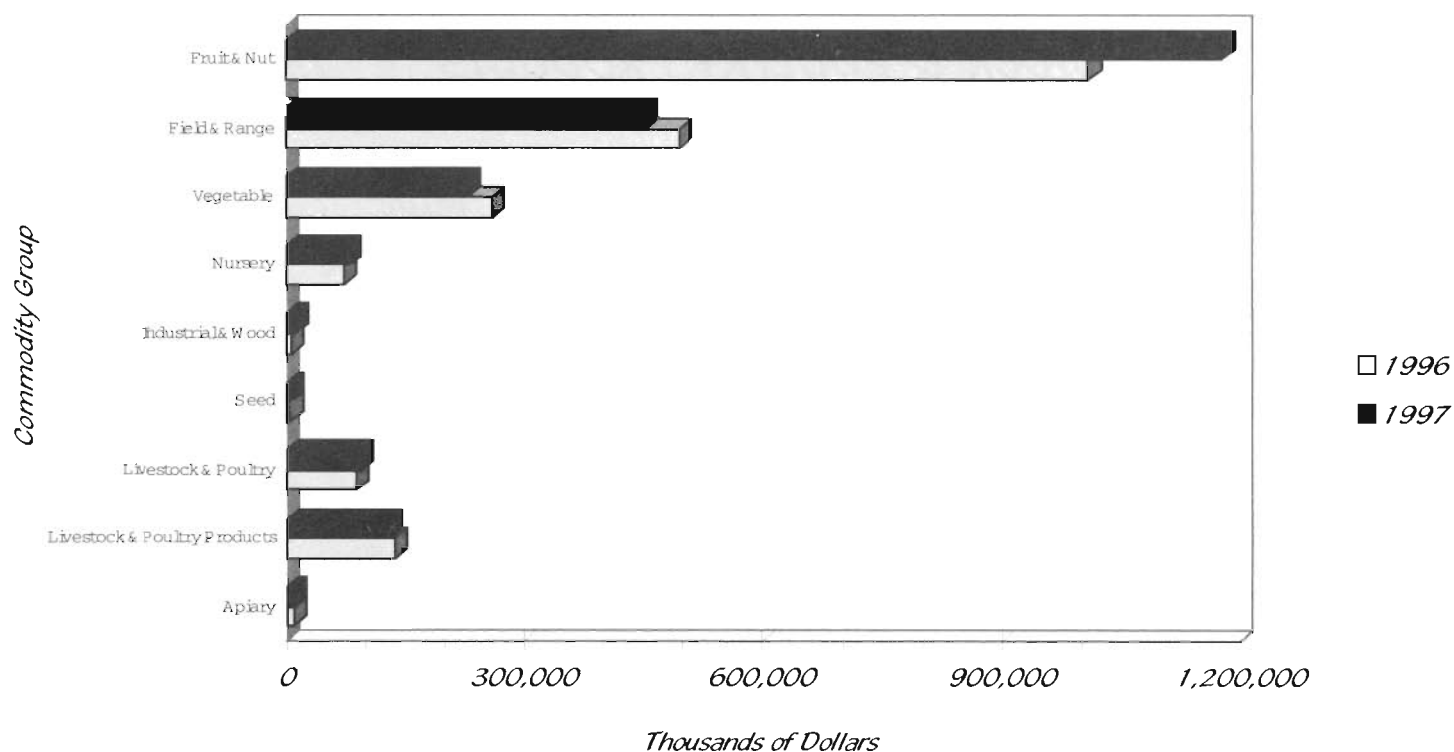
LIVESTOCK & POULTRY PRODUCTS - 1997

PRODUCT	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
<i>Milk, Market</i>	1997	9,005,000	Cwt	\$12.53	\$112,830,000
	1996	8,796,000	Cwt	13.47	118,481,000
<i>Milk, Manufacturing</i>	1997	---	Cwt	---	---
	1996	---	Cwt	---	---
<i>Manure</i>	1997	234,000	Ton	---	1,115,000
	1996	235,000	Ton	---	1,228,000
<i>Wool</i>	1997	1,555,000	Lb	0.80	1,244,000
	1996	1,728,000	Lb	0.82	1,417,000
<i>Other Livestock Products</i>	1997	---	---	---	15,305,000
	1996	---	---	---	14,810,000
TOTALS	1997	---	---	---	\$130,494,000
	1996	---	---	---	135,936,000

KERN COUNTY 1997 CROP REPORT - APIARY PRODUCTS

PRODUCT	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Honey	1997	4,861,000	Lb	\$ 0.72	\$ 3,500,000
	1996	4,394,000	Lb	0.84	3,691,000
Beeswax	1997	608,000	Lb	1.65	1,003,000
	1996	549,000	Lb	2.50	1,373,000
Pollination	1997	168,000	Colony	37.17	6,244,000
	1996	170,000	Colony	33.20	5,647,000
Other Apiary Products	1997	---	---	---	197,000
	1996	---	---	---	197,000
TOTALS	1997	---	---	---	\$10,944,000
	1996	---	---	---	10,908,000

Kern County Value Comparison by Commodity Group 1996-1997



KERN COUNTY 1997 CROP REPORT - SUMMARY

COMMODITY	YEAR	HARVESTED ACRES	RANGE	TOTAL VALUE
<i>Fruit and Nut Crops</i>	1997	236,626	---	\$ 1,176,311,000
	1996	233,612	---	1,009,989,000
<i>Field Crops and Rangeland</i>	1997	497,981	2,215,181	454,026,000
	1996	538,648	2,167,484	495,373,000
<i>Vegetable Crops</i>	1997	101,535	---	229,673,000
	1996	92,486	---	259,697,300
<i>Nursery Crops</i>	1997	2,885	---	79,629,000
	1996	2,581	---	72,383,000
<i>Industrial and Wood Crops</i>	1997	---	---	11,624,000
	1996	---	---	8,050,000
<i>Seed Crops</i>	1997	2,860	---	5,678,000
	1996	2,257	---	5,923,000
<i>Livestock and Poultry</i>	1997	---	---	94,544,000
	1996	---	---	89,565,000
<i>Livestock and Poultry Products</i>	1997	---	---	130,494,000
	1996	---	---	135,936,000
<i>Apiary Products</i>	1997	---	---	10,944,000
	1996	---	---	10,908,000
TOTALS	1997	841,887	2,215,181	\$2,192,923,000
	1996	869,584	2,167,484	2,087,824,300
<i>Total value without timber</i>	1997			\$2,191,290,000
	1996			2,087,800,300

PEST PREVENTION AND CONTROL

Pest Eradication

Attempt to exterminate new and economically important pest species from a known infested area.



Twenty live pests were intercepted at inspections conducted at Post Offices, FedEx, UPS, truck terminals, Express carriers, rail, airports, and retail stores.



Pest Exclusion

Attempt to prevent the introduction and spread of injurious plant pests and diseases into an area where it does not already occur.

Pest Detection

Systematic search for specific pests in urban, commercial, and high hazard areas to find pest introductions before they become generally distributed.



Three exotic pests were discovered in 1997. An Oriental Fruit Fly and a Gypsy Moth were trapped before they became established. Red Imported Fire Ants were discovered in Lost Hills.

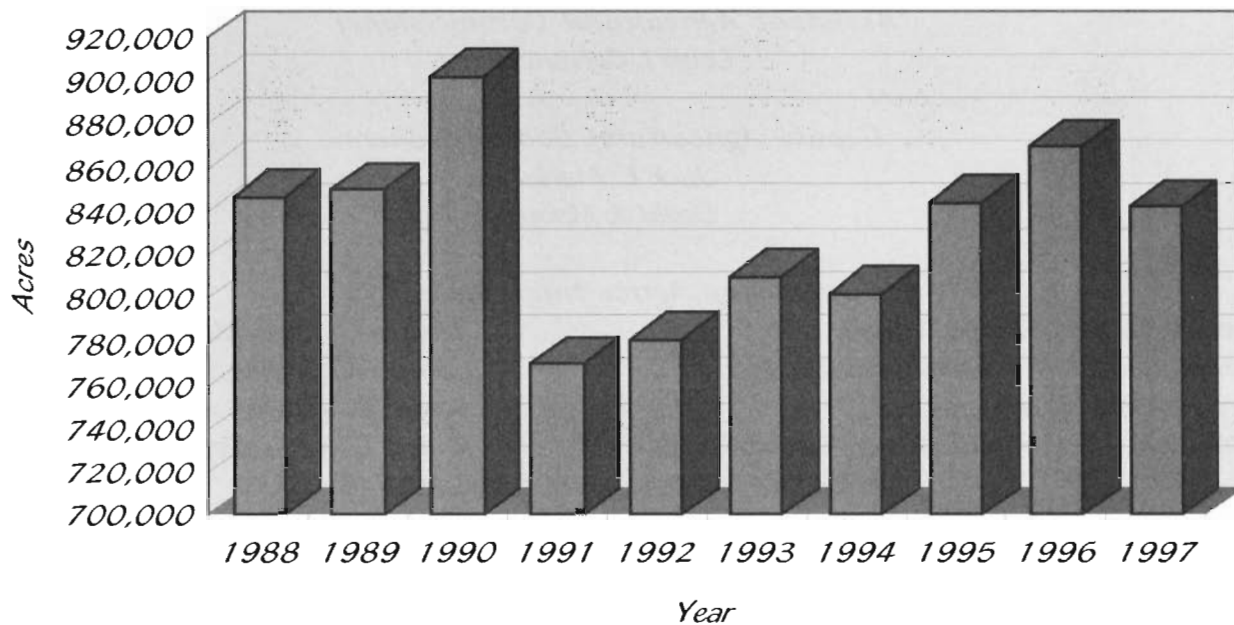
Nuisance pests include rodents and birds which cause crop loss and can carry disease. Hairy Weevils were released as a natural enemy (Biological Control) of Yellow Starthistle.

Pest Management

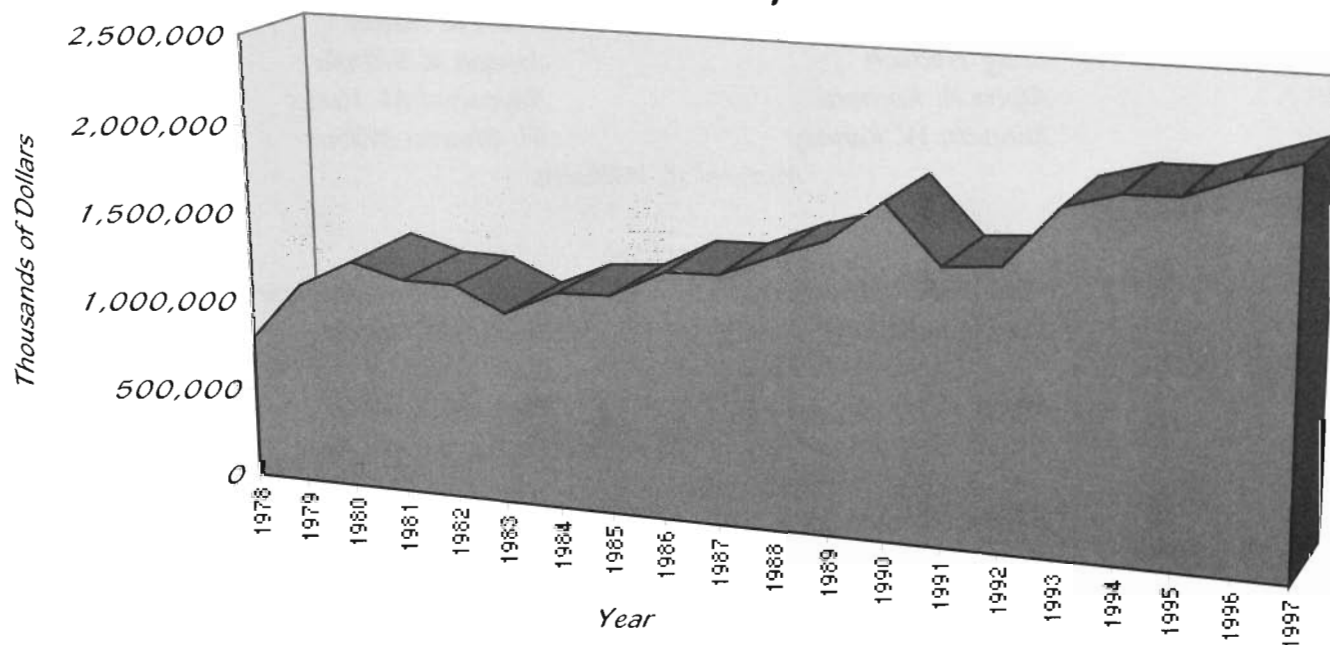
Attempt to manage nuisance pests by advising property owners or through the use of natural enemies.



Kern County Harvested Acres 1988-1997



Kern County Total Crop Value A 20 Year Comparison



*Kern County Agricultural Commissioner's Office
Personnel - 1997*

*Agricultural Commissioner
Theodore K. Davis*

*Assistant Agricultural Commissioner
Louie I. Cervantes*

*Deputy Agricultural Commissioners
Jack E. Marks
David J. Moore*

Supervising Agricultural Biologists

<i>Steven H. Groves, Shafter/Wasco</i>	<i>Douglas I. Roye, Mettler</i>
<i>Calvin E. Langston, Edison/Bakersfield</i>	<i>Samuel A. Vorhees, Delano/McFarland</i>
<i>Barry H. Marlett, Tehachapi</i>	<i>Steven G. Watson, Arvin/Lamont</i>
<i>Matthew R. Peet, Pest Exclusion/Detection</i>	<i>Robert L. Wegis, Pesticide Enforcement</i>
<i>Richard L. White, Fruit & Vegetable</i>	

Agricultural Biologists

<i>Irene M. Acosta</i>	<i>Myron K. Kimmel</i>
<i>Lanette M. Bankston</i>	<i>Gary A. Klawitter</i>
<i>James A. Brackeen</i>	<i>Marilou S. Lagasca</i>
<i>Jacquelyn K. Bressler</i>	<i>Cortney Lapp</i>
<i>Craig Foy</i>	<i>Albert C. McCoy</i>
<i>Edward W. Greynolds</i>	<i>Cerise K. Nettleton</i>
<i>Darin B. Heard</i>	<i>G. Duane Orullian</i>
<i>Nancy J. Holland</i>	<i>Mark R. Sabin</i>
<i>Craig Hudson</i>	<i>Joseph V. Sithole</i>
<i>Alpha A. Kamara</i>	<i>Raymond M. Valles</i>
<i>Kenneth W. Kenney</i>	<i>M. Sharon Wilbur</i>
<i>Michael R. Williams</i>	

Clerical

<i>Sharon S. Cornelison</i>	<i>Bonita M. Christolear</i>
<i>Senior Secretary</i>	<i>Account Clerk IV</i>
<i>Nancy L. Finzel</i>	<i>Kathryn F. Miller</i>
<i>Typist Clerk III</i>	<i>Account Clerk III</i>
<i>Barbara McMillian</i>	<i>Elizabeth A. Hall</i>
<i>Data Entry Operator II</i>	<i>Account Clerk II</i>

Crop Report compiled by:

<i>Gary A. Klawitter</i>	<i>Cerise K. Nettleton</i>	<i>Mark R. Sabin</i>
<i>Agricultural Biologist III</i>	<i>Agricultural Biologist II</i>	<i>Agricultural Biologist III</i>

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THEODORE K. DAVIS

Agricultural Commissioner

LOUIE I. CERVANTES

Assistant Commissioner



JACK E. MARKS

Deputy Commissioner

DAVID J. MOORE

Deputy Commissioner

1998

Mr. Bill Lyons, Secretary
California Dept of Food & Agriculture
-and-
The Honorable Board of Supervisors
County of Kern

In accordance with Section 2279 of the California Food and Agricultural Code, I submit the Agricultural Crop Report for 1998.

The 1998 total value of agricultural commodities produced in Kern County is \$2,068,032,200. This represents a 7.7% decrease from the 1997 crop value. This is the third consecutive year Kern County has exceeded the \$2 Billion mark.

Grapes retain their prominence as the number one commodity despite a 14% decrease in value. Cotton continues to decline in value, dropping to the number four crop with a 50% loss in value. Commodities showing the largest increase were: fresh bell pepper increased 211%; tomatoes increased 74%; cantaloupe increased 70% and garlic increased 51%. Total harvested acreage was up 2%. Fruit and Nut harvested acres were up 6%. Bearing cherry acreage increased 108%. Maricopa is now the home of the largest ostrich processing plant in the Western United States. Ostrich breeding stock is exported from Kern County to many Asian Nations.

Included in the 1998 crop report is the affect on crops caused by the El Niño phenomenon. The impact was felt in many crops throughout Kern County. Partially due to El Niño, the total loss from the 1997 revised crop value is nearly \$200 million. This does not include the 1998-99 citrus freeze damage, which will be reported in the 1999 crop report.

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.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Theodore K. Davis".

Theodore K. Davis
Agricultural Commissioner

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KERN COUNTY 1998 CROP REPORT - TOP 20 CROPS

<i>COMMODITY</i>	<i>VALUE</i>	<i>1997 RANK</i>
<i>1. Grapes</i>	<i>\$427,447,000</i>	<i>1</i>
<i>2. Citrus, Fresh and Processing</i>	<i>301,847,000</i>	<i>2</i>
<i>3. Almonds, Including By-Products</i>	<i>165,719,000</i>	<i>4</i>
<i>4. Cotton, Including Processed Cottonseed</i>	<i>150,775,000</i>	<i>3</i>
<i>5. Milk, Market and Manufacturing</i>	<i>147,754,000</i>	<i>5</i>
<i>6. Carrots, Fresh and Processing</i>	<i>104,793,000</i>	<i>6</i>
<i>7. Pistachios</i>	<i>90,940,000</i>	<i>8</i>
<i>8. Nursery Crops</i>	<i>82,636,000</i>	<i>9</i>
<i>9. Cattle and Calves</i>	<i>80,783,000</i>	<i>10</i>
<i>10. Hay, Alfalfa</i>	<i>80,392,000</i>	<i>7</i>
<i>11. Potatoes, Fresh and Processing</i>	<i>74,960,500</i>	<i>11</i>
<i>12. Apples, All</i>	<i>30,754,000</i>	<i>12</i>
<i>13. Onions, Fresh and Dehydrator</i>	<i>21,766,000</i>	<i>14</i>
<i>14. Wheat</i>	<i>21,084,000</i>	<i>13</i>
<i>15. Tomatoes, Fresh and Processing</i>	<i>19,270,000</i>	<i>20</i>
<i>16. Peppers, Bell Fresh</i>	<i>18,263,000</i>	<i>26</i>
<i>17. Plums</i>	<i>14,661,000</i>	<i>16</i>
<i>18. Nectarines</i>	<i>13,769,000</i>	<i>21</i>
<i>19. Garlic, Fresh and Dehydrator</i>	<i>13,709,000</i>	<i>23</i>
<i>20. Cantaloupes</i>	<i>13,519,000</i>	<i>24</i>

KERN COUNTY 1998 CROP REPORT - PERMANENT ACREAGE

<i>CROP</i>	<i>YEAR</i>	<i>BEARING</i>	<i>NON-BEARING</i>	<i>TOTAL</i>
<i>Almonds</i>	<i>1998</i>	<i>79,587</i>	<i>12,836</i>	<i>92,423</i>
	<i>1997</i>	<i>72,620</i>	<i>14,959</i>	<i>87,579</i>
<i>Apples</i>	<i>1998</i>	<i>5,429</i>	<i>64</i>	<i>5,493</i>
	<i>1997</i>	<i>5,094</i>	<i>90</i>	<i>5,184</i>
<i>Apricots</i>	<i>1998</i>	<i>692</i>	<i>128</i>	<i>820</i>
	<i>1997</i>	<i>837</i>	<i>29</i>	<i>866</i>
<i>Cherries</i>	<i>1998</i>	<i>385</i>	<i>766</i>	<i>1,151</i>
	<i>1997</i>	<i>185</i>	<i>98</i>	<i>283</i>
<i>Figs</i>	<i>1998</i>	<i>404</i>	<i>111</i>	<i>515</i>
	<i>1997</i>	<i>404</i>	<i>111</i>	<i>515</i>
<i>Grapefruit</i>	<i>1998</i>	<i>1,158</i>	<i>396</i>	<i>1,554</i>
	<i>1997</i>	<i>1,030</i>	<i>314</i>	<i>1,344</i>
<i>GRAPES, ALL</i>	<i>1998</i>	<i>81,434</i>	<i>7,621</i>	<i>89,055</i>
	<i>1997</i>	<i>77,239</i>	<i>10,657</i>	<i>87,896</i>
<i>Raisin</i>	<i>1998</i>	<i>25,609</i>	<i>577</i>	<i>26,186</i>
	<i>1997</i>	<i>26,408</i>	<i>837</i>	<i>27,245</i>
<i>Table</i>	<i>1998</i>	<i>27,403</i>	<i>3,626</i>	<i>31,029</i>
	<i>1997</i>	<i>24,613</i>	<i>5,042</i>	<i>29,655</i>
<i>Wine</i>	<i>1998</i>	<i>28,422</i>	<i>3,418</i>	<i>31,840</i>
	<i>1997</i>	<i>26,218</i>	<i>4,778</i>	<i>30,996</i>
<i>Kiwi</i>	<i>1998</i>	<i>303</i>	<i>0</i>	<i>303</i>
	<i>1997</i>	<i>230</i>	<i>0</i>	<i>230</i>
<i>Lemons</i>	<i>1998</i>	<i>3,766</i>	<i>0</i>	<i>3,766</i>
	<i>1997</i>	<i>3,919</i>	<i>66</i>	<i>3,985</i>
<i>Nectarines</i>	<i>1998</i>	<i>2,156</i>	<i>106</i>	<i>2,262</i>
	<i>1997</i>	<i>2,399</i>	<i>10</i>	<i>2,409</i>
<i>Olives</i>	<i>1998</i>	<i>1,154</i>	<i>14</i>	<i>1,168</i>
	<i>1997</i>	<i>1,154</i>	<i>14</i>	<i>1,168</i>

KERN COUNTY 1998 CROP REPORT - PERMANENT ACREAGE

CROP	YEAR	BEARING	NON-BEARING	TOTAL
ORANGES, ALL	1998	37,256	1,864	39,120
	1997	36,644	1,842	38,486
Navels	1998	27,270	1,405	28,675
	1997	27,476	1,383	28,859
Valencias	1998	9,986	459	10,445
	1997	9,168	459	9,627
Peaches	1998	2,091	308	2,399
	1997	2,862	24	2,886
Pears	1998	284	16	300
	1997	416	16	432
Pecans	1998	603	0	603
	1997	603	0	603
Persimmons	1998	81	22	103
	1997	81	22	103
Pistachios	1998	25,932	6,142	32,074
	1997	24,222	7,118	31,340
Plums	1998	2,379	105	2,484
	1997	2,904	28	2,932
Pomegranates	1998	430	0	430
	1997	438	6	444
Prunes	1998	102	220	322
	1997	102	217	319
Tangerines & Tangelos	1998	1,467	437	1,904
	1997	1,615	355	1,970
Walnuts	1998	1,461	17	1,478
	1997	1,413	46	1,459
Misc.	a/1998	99	0	99
	b/1997	310	0	310

TOTALS	1998	248,653	31,173	279,826
	1997	236,721	36,022	272,743

a/ Includes: Chestnut, Guava/Feijoa, Kumquat, Plumcot, and Quince.

b/ Includes: Chestnut, Guava/Feijoa,

Kumquat, Loquat, Plumcot and Table Grape-Raisin. 3

KERN COUNTY 1998 CROP REPORT

- FRUITS & NUTS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
<i>Almonds</i>	1998	79,587	0.62	a/49,300	Ton	\$3,200.00	\$157,984,000
	1997	72,620	0.83	a/60,600	Ton	3,060.00	185,336,000
<i>Almond By-Products</i>	1998	---	---	111,000	Ton	69.70	7,735,000
	*1997	---	---	145,000	Ton	77.10	11,178,000
<i>APPLES, ALL</i>	1998	5,429	19.32	104,900	Ton	---	30,754,000
	1997	5,094	17.02	86,700	Ton	---	41,715,000
<i>Fresh</i>	1998	---	---	64,400	Ton	450.00	28,951,000
	1997	---	---	60,100	Ton	636.00	38,241,000
<i>Processing</i>	1998	---	---	40,500	Ton	44.50	1,803,000
	1997	---	---	26,600	Ton	131.00	3,474,000
<i>Apricots</i>	1998	692	3.68	2,550	Ton	1,090.00	2,774,000
	1997	837	5.14	4,300	Ton	751.00	3,228,000
<i>CITRUS, ALL</i>	1998	43,647	18.07	788,700	Ton	---	301,847,000
	1997	43,208	18.85	814,300	Ton	---	300,496,000
<i>Grapefruit</i>	1998	1,158	12.18	14,100	Ton	499.00	7,034,000
	1997	1,030	11.55	11,900	Ton	361.00	4,301,000
<i>Lemons</i>	1998	3,766	19.07	71,800	Ton	525.00	37,714,000
	1997	3,919	24.32	95,300	Ton	496.00	47,254,000
<i>Oranges, Navel</i>	1998	27,270	14.63	399,000	Ton	455.00	181,631,000
	1997	27,476	14.92	410,000	Ton	429.00	175,865,000
<i>Oranges, Valencia</i>	1998	9,986	12.22	122,000	Ton	469.00	57,244,000
	1997	9,168	13.63	125,000	Ton	436.00	54,562,000
<i>Tangerine & Tangelo</i>	1998	1,467	11.45	16,800	Ton	583.00	9,798,000
	1997	1,615	9.97	16,100	Ton	627.00	10,097,000
<i>Processing, All Citrus</i>	1998	---	---	165,000	Ton	51.10	8,426,000
	1997	---	---	156,000	Ton	54.00	8,417,000
<i>GRAPES, ALL</i>	1998	81,289	8.39	682,010	Ton	---	427,447,000
	1997	77,239	10.41	803,990	Ton	---	496,287,000
<i>Raisin Variety</i>	b/1998	25,609	7.23	185,210	Ton	---	122,210,000
	b/1997	26,408	9.23	243,870	Ton	---	149,156,000
<i>Fresh Market</i>	1998	---	---	95,600	Ton	1,100.00	105,431,000
	1997	---	---	113,000	Ton	1,100.00	123,852,000
<i>Raisins</i>	c/1998	---	---	3,150	Ton	1,290.00	4,061,000
	c/1997	---	---	6,280	Ton	925.00	5,811,000

KERN COUNTY 1998 CROP REPORT

- FRUITS & NUTS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
<i>Processing</i>	1998	---	---	7,570	Ton	\$ 249.00	\$ 1,886,000
	1997	---	---	7,370	Ton	248.00	1,827,000
<i>Crushed</i>	1998	---	---	65,900	Ton	162.00	10,661,000
	1997	---	---	97,100	Ton	182.00	17,666,000
<i>Juice</i>	1998	---	---	1,040	Ton	164.00	171,000
	1997	---	---	---	Ton	---	---
<i>Table</i>	1998	27,403	8.06	220,800	Ton	---	221,308,000
<i>Variety</i>	1997	24,613	11.56	284,500	Ton	---	262,185,000
<i>Fresh</i> <i>Market</i>	1998	---	---	171,000	Ton	1,250.00	214,322,000
	1997	---	---	219,700	Ton	1,150.00	252,071,000
<i>Crushed</i>	1998	---	---	49,800	Ton	140.00	6,986,000
	1997	---	---	64,800	Ton	156.00	10,114,000
<i>Raisin</i>	1998	---	---	---	Ton	---	---
	1997	---	---	---	Ton	---	---
<i>Wine</i>	1998	28,277	9.76	276,000	Ton	---	83,929,000
<i>Variety</i>	1997	26,218	10.51	275,620	Ton	---	84,946,000
<i>Crushed</i>	1998	---	---	276,000	Ton	304.00	83,929,000
	1997	---	---	272,000	Ton	299.00	81,297,000
<i>Juice</i>	d/1998	---	---	---	Ton	---	---
	1997	---	---	3,620	Ton	1,010.00	3,649,000
<i>Kiwi</i>	1998	303	8.71	2,640	Ton	400.00	1,057,000
	1997	230	6.74	1,550	Ton	1,100.00	1,708,000
<i>Nectarines</i>	1998	2,156	5.43	11,700	Ton	1,180.00	13,769,000
	1997	2,399	4.29	10,300	Ton	960.00	9,890,000
<i>Olives</i>	1998	1,154	1.93	2,230	Ton	460.00	1,026,000
	1997	1,154	3.26	3,760	Ton	655.00	2,464,000
<i>Peaches</i>	1998	2,091	6.22	13,000	Ton	825.00	10,720,000
	1997	2,862	4.61	13,200	Ton	905.00	11,945,000
<i>Pistachios</i>	1998	25,932	1.77	e/45,900	Ton	1,980.00	90,940,000
	1997	24,222	1.47	e/35,600	Ton	2,260.00	80,526,000
<i>Plums</i>	1998	2,379	5.88	14,000	Ton	1,050.00	14,661,000
	1997	2,904	5.75	16,700	Ton	914.00	15,267,000
<i>Walnuts</i>	1998	1,461	2.05	e/2,990	Ton	964.00	2,883,000
	1997	1,413	1.44	e/2,030	Ton	1,280.00	2,604,000

KERN COUNTY 1998 CROP REPORT - FRUITS & NUTS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Misc.	f/1998	3,769	---	6,920	Ton	---	\$ 9,543,000
	g/1997	2,444	---	6,380	Ton	---	6,729,000
TOTALS	1998	249,889	---	1,837,840	Ton	---	\$ 1,073,140,000
	*1997	236,626	---	2,004,410	Ton	---	1,169,373,000

*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: 1997 - 4.20 to 1 1998 - 4.80 to 1

d/ Acres, total production, and total value included in Miscellaneous Fruit & Nut.

e/ Pistachio and walnut production stated in terms of In-shell Equivalents.

f/ Includes: Blueberries, Boysenberries, Cherries, Figs (Fresh and Dry), Kumquats, Ollaliberries, All Pears, Pecans,

Persimmons, Pomegranates, Prunes, Raspberries, Strawberries, Processing Apricots and Peaches, and Wine Grapes for Juice Use.

g/ Includes: Blueberries, Bushberries, Cherries, Figs (Fresh and Dry), Guava/Feijoas, Kumquats, Loquats, All Pears,

Pecans, Persimmons, Plumcots, Pomegranates, Prunes, Raspberries, Strawberries, and Table Grapes for Raisin Use.

KERN COUNTY 1998 CROP REPORT - SEED CROPS

CROP	YEAR	HARVESTED ACRES	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Cotton	1998	16,005	8,000	Ton	a/\$285.00	\$ 2,281,000
	1997	20,840	18,200	Ton	a/226.00	4,121,000
Field	b/1998	1,656	3,250	Ton	---	726,000
	c/1997	2,656	7,560	Ton	---	1,237,000
Vegetable	d/1998	797	59	Ton	---	1,442,000
	e/1997	204	21	Ton	---	320,000
TOTALS	1998	f/2,453	11,309	Ton	---	\$4,449,000
	1997	f/2,860	25,781	Ton	---	5,678,000

a/ Includes a per acre approval.

b/ Includes: Alfalfa, Blackeyes, and Wheat.

c/ Includes: Alfalfa, Barley, Blackeyes, Triticale, and Wheat.

d/ Includes: Broccoli, Cauliflower, and Onions.

e/ Includes: Broccoli, Cabbage, Lettuce, Radish, and Onions.

f/ Does not include cotton acreage.

KERN COUNTY 1998 CROP REPORT - FIELD CROPS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Barley	a/1998	13,824	2.01	27,800	Ton	\$ 93.20	\$ 2,592,000
	a/1997	7,820	0.75	5,860	Ton	117.00	684,000
Beans, Dry Edible	1998	6,331	1.16	7,340	Ton	591.00	4,338,000
	1997	7,081	1.35	9,570	Ton	559.00	5,348,000
Cotton Lint, Acala	1998	148,045	b/869	c/260,000	Bale	d/0.72	92,189,000
	1997	196,665	b/1,296	c/515,000	Bale	d/0.75	191,306,000
Cotton Lint, Pima	1998	45,675	b/791	c/73,000	Bale	d/0.97	34,982,000
	1997	55,730	b/1,200	c/135,000	Bale	d/1.03	68,940,000
Cottonseed, Processing	1998	---	---	124,000	Ton	190.00	23,604,000
	1997	---	---	218,000	Ton	183.00	39,839,000
Hay, Alfalfa	1998	120,000	6.98	838,000	Ton	95.90	80,392,000
	1997	95,000	7.08	673,000	Ton	123.00	82,528,000
Hay, Grain	1998	13,000	3.29	42,700	Ton	77.90	3,328,000
	1997	10,000	2.44	24,400	Ton	138.00	3,357,000
Hay, Other	1998	12,000	4.80	57,600	Ton	40.00	2,304,000
	1997	5,000	2.40	12,000	Ton	85.80	1,029,000
Pasture, Irrigated	1998	8,000	---	---	Acre	135.00	1,080,000
	1997	8,000	---	---	Acre	135.00	1,080,000
Pasture, Other	1998	---	---	---	---	---	895,000
	*1997	---	---	---	---	---	1,030,000
Pasture, Range	1998	1,973,000	---	---	Acre	5.00	9,864,000
	*1997	2,190,789	---	---	Acre	5.00	10,954,000
Safflower	1998	7,800	0.83	6,500	Ton	304.00	1,979,000
	1997	5,900	1.29	7,610	Ton	323.00	2,458,000
Silage and Forage	1998	41,000	15.56	638,000	Ton	16.80	10,728,000
	1997	30,000	17.93	538,000	Ton	17.00	9,144,000
Sugar Beets	1998	5,191	31.98	166,000	Ton	35.50	5,896,000
	1997	3,785	31.70	120,000	Ton	37.00	4,440,000
Wheat	1998	72,000	2.44	176,000	Ton	120.00	21,084,000
	1997	73,000	2.66	194,000	Ton	141.00	27,276,000
Misc.	e/1998	11,719	---	55,900	Ton	---	5,232,000
	f/1997	10,509	---	39,200	Ton	---	4,502,000
TOTALS	1998 g/	504,585	---	---	---	---	\$300,487,000
	*1997 g/	508,490	---	---	---	---	453,915,000

*revised a/ May contain dryland b/ Pounds Lint Per Acre c/ 495 Pounds Net Weight Bale d/ Price Per Pound

e/ Includes: Field Corn (Grain), Rye, Sorghum Grain, and Straw. f/ Includes: Field Corn (Grain), Sorghum Grain, and Straw. g/ Does not include Range acreage.

KERN COUNTY 1998 CROP REPORT - VEGETABLE CROPS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Cantaloupes	1998	2,327	16.68	38,800	Ton	\$ 348.00	\$ 13,519,000
	1997	2,283	15.64	35,700	Ton	222.00	7,941,000
Corn, Sweet	1998	454	5.59	2,540	Ton	223.00	566,000
	1997	469	5.91	2,770	Ton	217.00	602,000
Garlic, Dehydrator	1998	2,533	5.21	13,200	Ton	313.00	4,129,000
	1997	1,781	5.59	9,960	Ton	196.00	1,948,000
Garlic, Fresh	1998	945	5.51	5,200	Ton	1,840.00	9,580,000
	1997	1,141	5.68	6,480	Ton	1,100.00	7,134,000
Lettuce, Head	1998	3,208	13.34	42,780	Ton	---	11,008,000
Naked Pack		---	---	26,500	Ton	293.00	7,761,000
Wrapped Pack		---	---	4,480	Ton	274.00	1,227,000
Bulk Shredder		---	---	11,800	Ton	171.00	2,020,000
Lettuce, Head	1997	3,760	19.51	73,360	Ton	---	17,438,000
Naked Pack		---	---	59,000	Ton	243.00	14,331,000
Wrapped Pack		---	---	4,260	Ton	308.00	1,311,000
Bulk Shredder		---	---	10,100	Ton	178.00	1,796,000
Melons, Other	1998	952	12.82	12,200	Ton	258.00	3,151,000
	1997	1,000	15.30	15,300	Ton	224.00	3,422,000
Onions, Fresh	1998	1,634	25.70	42,000	Ton	239.00	10,049,000
	1997	1,621	27.58	44,700	Ton	244.00	10,905,000
Onions, Dehydrator	1998	8,715	16.87	147,000	Ton	79.70	11,717,000
	1997	7,867	19.19	151,000	Ton	76.80	11,600,000
Peppers, Bell	1998	2,415	12.63	30,500	Ton	599.00	18,263,000
	1997	1,511	16.90	25,500	Ton	230.00	5,867,000

KERN COUNTY 1998 CROP REPORT

- VEGETABLE CROPS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
POTATOES, ALL	1998 *1997	23,307 19,757	16.93 20.68	394,590 408,580	Ton Ton	--- ---	\$ 74,960,500 64,932,000
Spring Total	1998 *1997	19,380 17,698	17.83 21.60	345,600 382,200	Ton Ton	--- ---	58,977,000 57,138,000
Fresh Market	1998 *1997	--- ---	--- ---	211,000 240,800	Ton Ton	\$225.00 193.00	47,521,000 46,426,000
Processing	1998 *1997	--- ---	--- ---	81,800 81,200	Ton Ton	136.00 127.00	11,087,000 10,291,000
Culls	1998 1997	--- ---	--- ---	52,800 60,200	Ton Ton	7.00 7.00	369,000 421,000
Winter Total	1998 1997	3,927 2,059	12.48 12.81	48,990 26,380	Ton Ton	--- ---	15,983,500 7,794,000
Fresh Market	1998 1997	--- ---	--- ---	39,200 21,100	Ton Ton	406.00 368.00	15,915,000 7,757,000
Culls	1998 1997	--- ---	--- ---	9,790 5,280	Ton Ton	7.00 7.00	68,500 37,000
Tomatoes, Fresh	1998 a/1997	2,340 ---	12.86 ---	30,100 ---	Ton Ton	472.00 ---	14,204,000 ---
Tomatoes, Processing	1998 1997	2,700 2,324	34.33 39.59	92,700 92,000	Ton Ton	54.60 51.00	5,066,000 4,694,000
Watermelons, Seeded	1998 1997	1,508 2,023	22.15 21.60	33,400 43,700	Ton Ton	95.70 106.00	3,198,000 4,647,000
Watermelons, Seedless	1998 1997	1,691 1,712	25.60 30.26	43,300 51,800	Ton Ton	134.00 199.00	5,814,000 10,308,000
Misc.	b/1998 *c/1997	47,989 48,169	--- ---	1,303,000 1,414,300	Ton Ton	--- ---	140,352,000 135,078,000
TOTALS	1998 *1997	102,718 95,418	--- ---	2,231,310 2,375,150	Ton Ton	--- ---	\$325,576,500 286,516,000

*revised

a/ 1997 Fresh Tomatoes included in Miscellaneous Vegetables.

b/ Includes: Artichokes, Asparagus, Beans (Snap), Broccoli, Cabbage, Cactus, Carrots, Cauliflower, Celery, Cilantro, Gai Lon, Leaf Lettuce, Leeks, Lima Beans, Mixed Greens, Mushrooms, Okra, Onions (Green), Parsley, Peas, Peppers (Chili and Processing), Pumpkins, Radishes, Red Beets, Romaine Lettuce, Spinach, Squash, Sweet Potatoes, Turnips, and Yams.

c/ Includes: Asparagus, Beans (Snap), Broccoli, Cabbage, Carrots, Cauliflower, Eggplant, Herbs (Spice), Leaf Lettuce, Lima Beans, Mixed Greens, Mushrooms, Napa Cabbage, Okra, Onions (Green), Parsley, Peas, Pea Sprouts, Peppers (Chili and Processing), Pumpkins, Radishes, Red Beets, Romaine Lettuce, Rutabagas, Spinach, Squash, Sweet Potatoes, Tomatoes (Fresh), and Turnips.

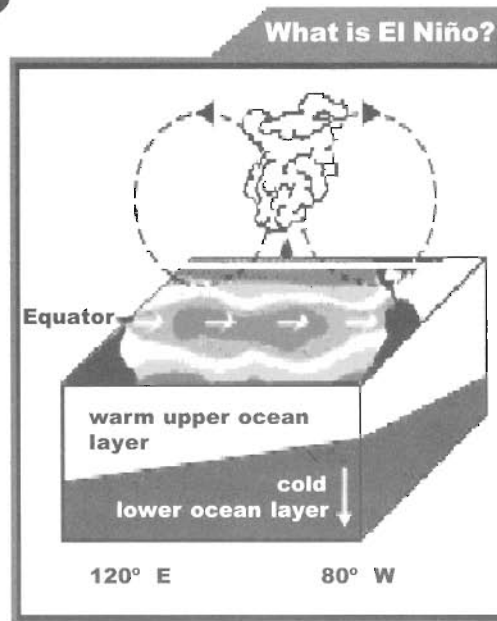
el niño returns

What is an El Niño?

An El Niño is a temporary change in the climate of the Pacific Ocean, in the region around the equator. Its effects will be seen in both the ocean and atmosphere, generally in the Northern Hemisphere winter. Simply put, El Niño is a vast swath of warm water - the current stretch is about one and a half times the size of the continental United States - that appears off Peru every two to seven years.

Most of the time, this bathtub-temperature water remains in the western Pacific held by westbound trade winds, but sometimes the winds slacken or even move in the opposite direction. When this happens, the piled up water sloshes back across the Pacific to the South American Coast. The warmer ocean then affects the winds, making them weaker! So as the winds get weaker the ocean gets warmer; which makes the winds get weaker, which makes the ocean get warmer...which makes El Niño grow. The warm water provides the thermal energy to expedite evaporation, hence cloud formation and storms. The extra heat within the water acts like wood tossed on a fire, creating more, and bigger, storms. Raging with the heat trapped in its waters, El Niño sends debilitating storms to the California coast, droughts in Australia and cool, wet winters to Gulf Coast states.

Because of the high economic stakes and public awareness, the El Niño of 1997- 1998 will be the most closely scrutinized in history. Timing has a great deal to do with the impact of rainfall on California. The winter season of 1997 - 1998 was one of the wettest on record across California, with typically double the normal amount of rainfall and about \$550 million in flood and storm damage statewide. However, the season previous, with only normal rainfall, had over triple the damage, at \$1.8 billion. This discrepancy appears to be best explained by timing of storms within the season and not the total seasonal rainfall. The following chart shows estimated statewide damage caused by storms and flooding in California since 1949. This data was compiled by the California Governor's Office of Emergency Services.



el niño returns

Ten Costliest Storms in California

Season	Type of Storm	Date(s)	Damage (\$ Billions)*
1994-95	Neither	January & March 1995	\$1.95
1996-97	Neither	December 1996 - January 1997	\$1.88
1982-83	El Niño	December 1982 - March 1983	\$1.44
1968-69	El Niño	Nov-Dec 1968/ Jan-Mar 1969	\$1.34
1955-56	Neither	December 19 - 27, 1955	\$1.20
1964-65	La Niña	December 19 - 24, 1964	\$1.13
1979-80	Neither	January - March 1980	\$0.71
1992-93	Neither	December 29, 1992/ January 5 - 19, 1993	\$0.68
1985-86	Neither	February 11 - 20, 1986	\$0.61
1997-98	El Niño	December 1997 - April 1998	\$0.55

* Damage is calculated in 1998 Dollars

El Niño and Our Agriculture

The impacts of the 1997 - 1998 El Niño storms held off until January 1998. Precipitation records were broken all over the state and 42 of California's 58 counties, including Kern, were declared major disaster areas.

Despite the blossoming of almonds and cherries, bees were hiding in hives rather than pollinating. The cherry crop suffered in quantity and quality due to rain during bloom, ripening, and harvest. Almonds, walnuts, and pistachios were slow to develop. Stone fruit suffered brown rot. Bunch rot became a concern in table grapes. Fungal problems abounded in orchards and vineyards. Stone fruit trees suffered damaged roots as they stood in totally saturated soil. Romaine lettuce shortages frustrated grocers and restaurateurs. Many planted cotton fields were later plowed under for failure to thrive. Standing water delayed spring planting of tomatoes and field crops. Inaccessibility hindered or prevented normal cultural activities. Alfalfa was made moldy by rain. The land remained wet for the first half of 1998 resulting in delayed planting, damaged produce, and high supermarket prices for California fruits and vegetables.

The precipitation total, as a percentage of normal, in Bakersfield was 247%. Kern County's Disaster Report for the month of February showed significant damage in Potatoes, Almonds, Onions, Alfalfa, Carrots, Lettuce, Sugar Beets, Wheat, Corn Silage, Peaches, and Oats, totaling over \$5.1 million and a loss of nearly 3,000 acres. Cattle, Dairy Cows and Calves, Apiary, Farm Structures, Machinery and Equipment, and Land Damages added another \$300,000 in damages to report. Kern County's Cherry crop was hit hard with nearly \$4 million in losses from 77% of Bearing Acres lost due to rain damage. 11

KERN COUNTY 1998 CROP REPORT

- NURSERY CROPS

CROP	YEAR	HARVESTED ACRES	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Christmas Trees	1998	---	4,970	Tree	---	\$ 106,000
	1997	---	5,800	Tree	---	123,000
Fruit and Nut Trees, Vines	a/1998	524	14,539,000	Plant	---	35,956,000
	a/1997	503	52,648,000	Plant	---	39,813,000
Herbaceous Plants	1998	---	---	---	---	1,606,000
	1997	---	---	---	---	1,504,000
Ornamental Trees & Shrubs	a/1998	20	42,100	Plant	---	309,000
	a/1997	20	266,000	Plant	---	447,000
Propagative Material	1998	---	---	---	---	674,000
	1997	---	---	---	---	1,020,000
Roses	1998	1,678	29,953,000	Plant	\$1.23	36,697,000
	1997	1,522	22,179,000	Plant	1.35	30,007,000
Turf	1998	804	35,035,000	Sq Ft	0.21	7,288,000
	1997	840	36,595,000	Sq Ft	0.18	6,715,000
TOTALS	1998	3,026	---	---	---	\$82,636,000
	1997	2,885	---	---	---	79,629,000

a/ Includes container grown plants.

INDUSTRIAL AND WOOD CROPS - 1998

CROP	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Biomass and Composting	1998	558,000	Ton	---	\$7,718,000
	*1997	480,000	Ton	---	7,790,000
Timber	a/1998	1,662,000	Brd Ft	---	354,000
	a/1997	3,707,000	Brd Ft	---	1,633,000
Wood for Fuel	1998	1,816	Cords	b/\$24.60	44,700
	1997	1,650	Cords	b/26.10	43,000
TOTALS	1998	---	---	---	\$8,116,700
	*1997	---	---	---	9,466,000

*revised

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.

KERN COUNTY 1998 CROP REPORT - LIVESTOCK & POULTRY

KIND	YEAR	NUMBER OF HEAD	TOTAL LIVEWEIGHT	UNIT	UNIT VALUE	TOTAL VALUE
<i>Cattle and Calves</i>	1998	359,000	1,219,000	Cwt	\$66.30	\$80,783,000
	1997	346,000	1,119,000	Cwt	68.70	76,831,000
<i>Sheep and Lambs</i>	1998	125,500	154,000	Cwt	79.30	12,213,000
	*1997	147,000	164,000	Cwt	86.00	14,107,000
<i>Hogs</i>	1998	3,017	6,640	Cwt	34.00	226,000
	1997	2,730	6,000	Cwt	54.80	329,000
<i>Fryers and Roasters</i>	1998	254,000	1,399,000	Lb	0.47	657,000
	1997	564,000	3,003,000	Lb	0.45	1,346,000
<i>Ostriches</i>	1998	6,024	---	---	---	1,512,000
	1997	5,860	---	---	---	1,810,000
<i>Misc.</i>	a/1998	---	---	---	---	91,000
	a/1997	---	---	---	---	121,000
TOTALS	1998	---	---	---	---	\$95,482,000
	1997	---	---	---	---	94,544,000

*Revised

a/ Includes Game Birds for Meat and Other.

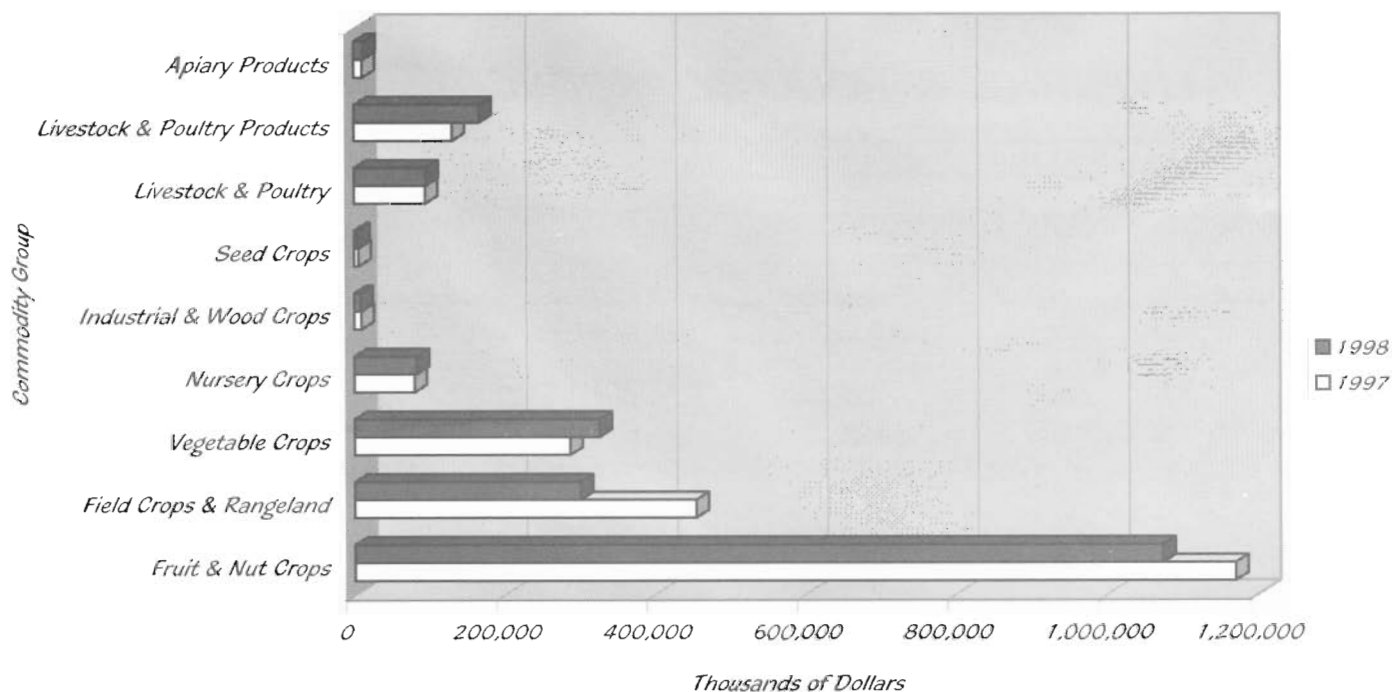
LIVESTOCK & POULTRY PRODUCTS - 1998

PRODUCT	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
<i>Milk, Market</i>	1998	9,818,000	Cwt	\$15.00	\$147,473,000
	1997	9,005,000	Cwt	12.50	112,830,000
<i>Milk, Manufacturing</i>	1998	22,700	Cwt	12.40	281,000
	1997	---	Cwt	---	---
<i>Manure</i>	1998	382,000	Ton	---	1,969,000
	1997	234,000	Ton	---	1,115,000
<i>Wool</i>	1998	1,431,000	Lb	0.70	1,002,000
	1997	1,555,000	Lb	0.80	1,244,000
<i>Other Livestock Products</i>	1998	---	---	---	15,465,000
	1997	---	---	---	15,305,000
TOTALS	1998	---	---	---	\$166,190,000
	1997	---	---	---	130,494,000

KERN COUNTY 1998 CROP REPORT - APIARY PRODUCTS

PRODUCT	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Honey	1998	5,460,000	Lb	\$ 0.62	\$ 3,385,000
	1997	4,861,000	Lb	0.72	3,500,000
Beeswax	1998	682,000	Lb	1.45	990,000
	1997	608,000	Lb	1.65	1,003,000
Pollination	1998	184,000	Colony	39.70	7,297,000
	1997	168,000	Colony	37.20	6,244,000
Other Apiary Products	1998	---	---	---	283,000
	1997	---	---	---	197,000
TOTALS	1998	---	---	---	\$11,955,000
	1997	---	---	---	10,944,000

*Kern County Value Comparison by Commodity Group
1997 - 1998*

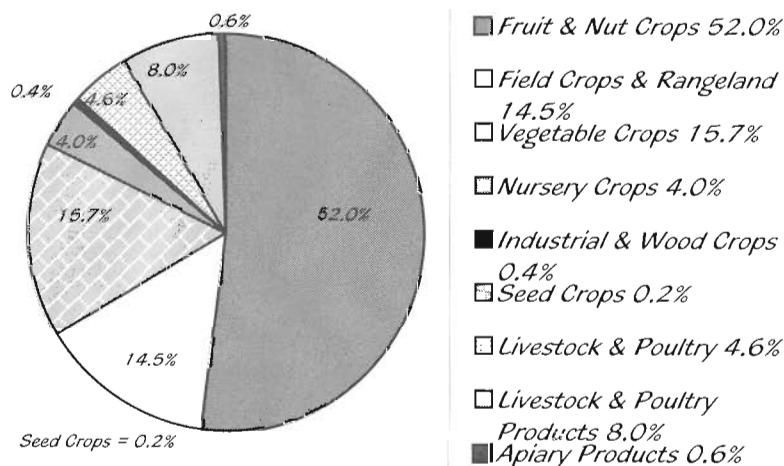


KERN COUNTY 1998 CROP REPORT - SUMMARY

COMMODITY	YEAR	HARVESTED ACRES	RANGE	TOTAL VALUE
Fruit and Nut Crops	1998	249,889	---	\$ 1,073,140,000
	*1997	236,626	---	1,169,373,000
Field Crops and Rangeland	1998	504,585	1,973,000	300,487,000
	*1997	508,490	2,190,789	453,915,000
Vegetable Crops	1998	102,718	---	325,576,500
	*1997	95,418	---	286,516,000
Nursery Crops	1998	3,026	---	82,636,000
	1997	2,885	---	79,629,000
Industrial and Wood Crops	1998	---	---	8,116,700
	*1997	---	---	9,466,000
Seed Crops	1998	2,453	---	4,449,000
	1997	2,860	---	5,678,000
Livestock and Poultry	1998	---	---	95,482,000
	*1997	---	---	94,544,000
Livestock and Poultry Products	1998	---	---	166,190,000
	1997	---	---	130,494,000
Apiary Products	1998	---	---	11,955,000
	1997	---	---	10,944,000
TOTALS	1998	862,671	1,973,000	\$2,068,032,200
	*1997	846,279	2,190,789	2,240,559,000
Total value without timber	1998			\$2,067,678,200
	*1997			2,238,926,000

*Revised

1998 Crop Value Summary

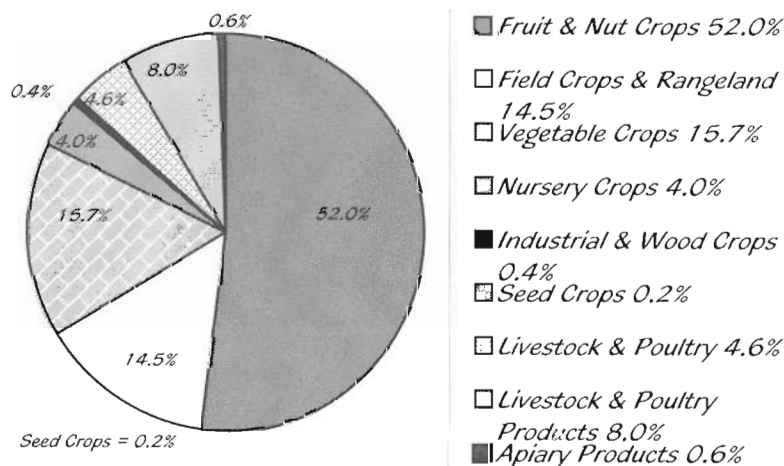


KERN COUNTY 1998 CROP REPORT - SUMMARY

COMMODITY	YEAR	HARVESTED ACRES	RANGE	TOTAL VALUE
Fruit and Nut Crops	1998	249,889	---	\$ 1,073,140,000
	*1997	236,626	---	1,169,373,000
Field Crops and Rangeland	1998	504,585	1,973,000	300,487,000
	*1997	508,490	2,190,789	453,915,000
Vegetable Crops	1998	102,718	---	325,576,500
	*1997	95,418	---	286,516,000
Nursery Crops	1998	3,026	---	82,636,000
	1997	2,885	---	79,629,000
Industrial and Wood Crops	1998	---	---	8,116,700
	*1997	---	---	9,466,000
Seed Crops	1998	2,453	---	4,449,000
	1997	2,860	---	5,678,000
Livestock and Poultry	1998	---	---	95,482,000
	*1997	---	---	94,544,000
Livestock and Poultry Products	1998	---	---	166,190,000
	1997	---	---	130,494,000
Apiary Products	1998	---	---	11,955,000
	1997	---	---	10,944,000
TOTALS	1998	862,671	1,973,000	\$2,068,032,200
	*1997	846,279	2,190,789	2,240,559,000
Total value without timber	1998			\$2,067,678,200
	*1997			2,238,926,000

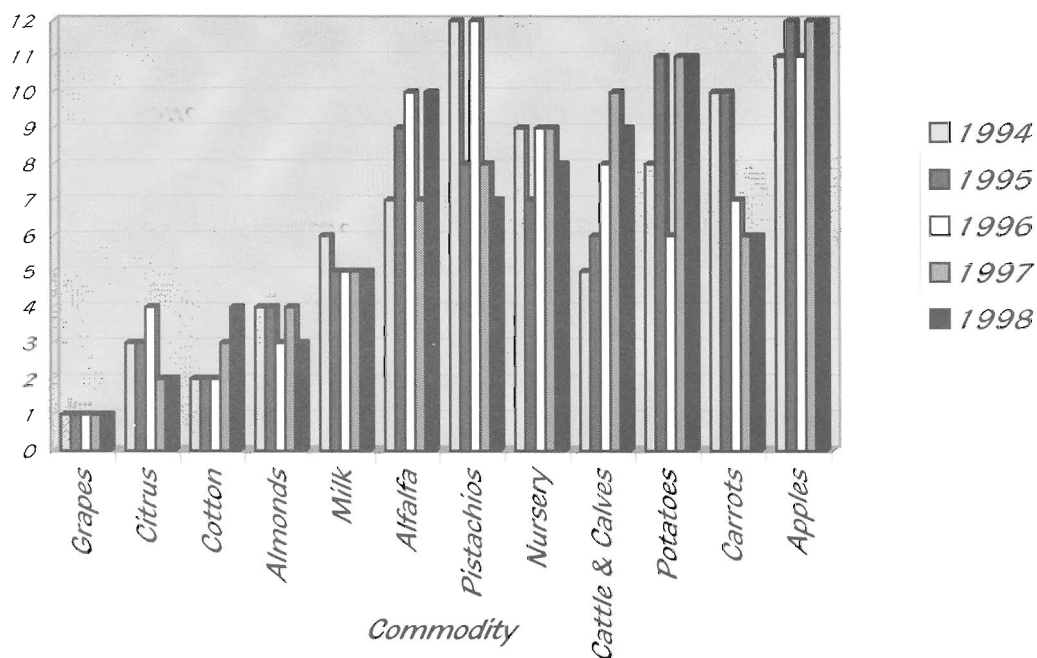
*Revised

1998 Crop Value Summary

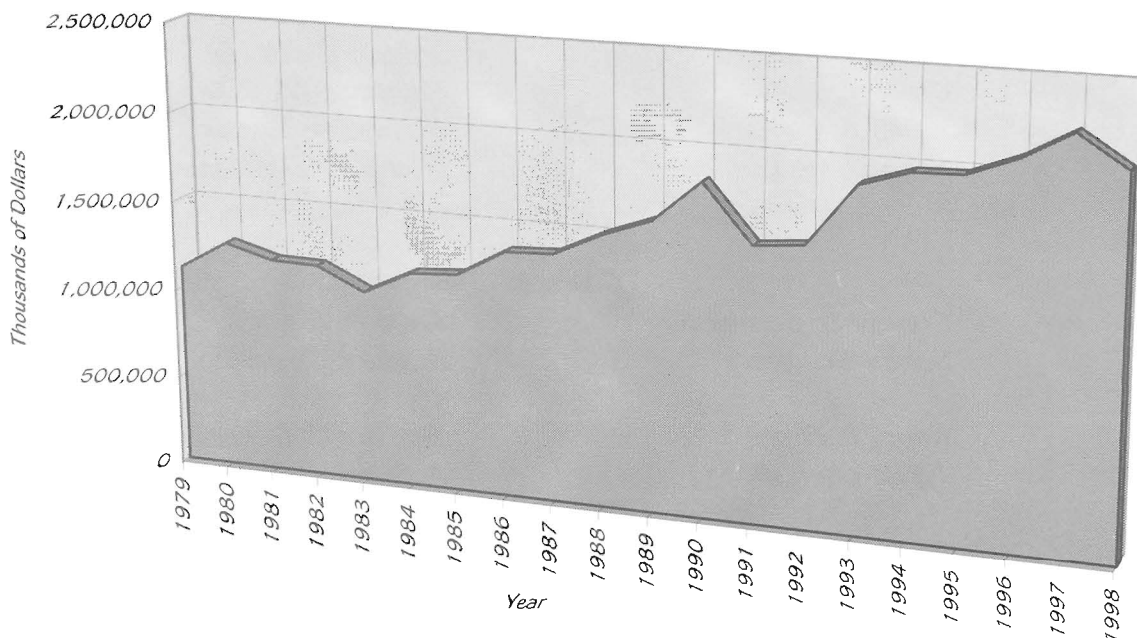


Five Year History Top 12 Commodities

*Ranking by
Dollar Value*



Kern County Total Crop Value A 20 Year Comparison from 1979 - 1998



Kern County Agricultural Commissioner's Office

Personnel - 1998

Agricultural Commissioner
Theodore K. Davis

Assistant Agricultural Commissioner
Louie I. Cervantes

Deputy Agricultural Commissioners
Jack E. Marks
David J. Moore

Supervising Agricultural Biologists

Steven H. Groves, Shafter/Wasco

Barry H. Marlett, Tehachapi

Matthew R. Peet, Pest Exclusion/Detection

Richard L. White, Fruit & Vegetable

Douglas I. Roye, Mettler

Samuel A. Vorhees, Delano/McFarland

Steven G. Watson, Arvin/Lamont

Robert L. Wegis, Pesticide Enforcement

Agricultural Biologists

Irene M. Acosta

Lanette M. Bankston

James A. Brackeen

Jacquelyn K. Bressler

Craig Foy

Edward W. Greynolds

Darin B. Heard

Nancy J. Holland

Craig Hudson

Alpha A. Kamara

Kenneth W. Kenney

Myron K. Kimmel

Gary A. Klawitter

Marilou S. Lagasca

Cortney Lapp

Cerise K. Montanio

G. Duane Orullian

Mark R. Sabin

Joseph V. Sithole

Raymond M. Valles

M. Sharon Wilbur

Michael R. Williams

Clerical

Sharon S. Cornelison

Senior Secretary

Kathryn F. Miller

Account Clerk IV

Nancy L. Finzel

Typist Clerk III

Barbara C. Dullum

Account Clerk III

Barbara McMillian

Data Entry Operator II

Elizabeth A. Hall

Account Clerk II

Crop Report compiled by:

Cerise K. Montanio

Agricultural Biologist II

Mark R. Sabin

Agricultural Biologist III

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THEODORE K. DAVIS

Agricultural Commissioner

LOUIE I. CERVANTES

Assistant Commissioner



JACK E. MARKS

Deputy Commissioner

DAVID J. MOORE

Deputy Commissioner

1999

Mr. Bill Lyons, Secretary
California Dept. 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 1999.

The 1999 total value of agricultural commodities produced in Kern County is \$2,129,569,400. This represents a 2% increase from the 1998 crop value. Kern County continues to exceed the \$2 Billion mark.

The total value for all citrus combined decreased 42% due to the December 1998 freeze. Due to the 1998-1999 citrus season freeze, total values for lemons decreased 90%, Valencia oranges decreased 85%, grapefruit decreased 84%, tangerines and tangelos decreased 54%, processing citrus decreased by 33% and Navel oranges decreased 17%.

Total harvested acres were up by 1.6%. Fruit and Nut harvested acres were up 7.5% and bearing cherry acreage increased 32%. As a result of the losses incurred by citrus and almonds, cotton is again the number two commodity. Cotton rebounded with an increase in the production per acre by 48%.

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.**

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Theodore K. Davis".

Theodore K. Davis
Agricultural Commissioner

KERN COUNTY 1999 CROP REPORT - TOP 20 CROPS

<i>COMMODITY</i>	<i>VALUE</i>	<i>1998 RANKING</i>
1. <i>Grapes</i>	<i>\$491,269,000</i>	<i>1</i>
2. <i>Cotton, Including Processed Cottonseed</i>	<i>233,485,000</i>	<i>5</i>
3. <i>Citrus, Fresh and Processing</i>	<i>173,887,000</i>	<i>2</i>
4. <i>Milk, Market and Manufacturing</i>	<i>163,985,000</i>	<i>4</i>
5. <i>Almonds, Including By-Products</i>	<i>143,303,000</i>	<i>3</i>
6. <i>Carrots, Fresh and Processing</i>	<i>107,711,000</i>	<i>6</i>
7. <i>Nursery Crops</i>	<i>99,129,000</i>	<i>8</i>
8. <i>Cattle and Calves</i>	<i>85,162,000</i>	<i>10</i>
9. <i>Hay, Alfalfa</i>	<i>82,396,000</i>	<i>9</i>
10. <i>Potatoes, Fresh and Processing</i>	<i>76,295,400</i>	<i>11</i>
11. <i>Pistachios</i>	<i>66,575,000</i>	<i>7</i>
12. <i>Pasture, All</i>	<i>41,689,000</i>	<i>22</i>
13. <i>Apples, All</i>	<i>41,148,000</i>	<i>12</i>
14. <i>Bell Peppers, Fresh and Processing</i>	<i>27,881,000</i>	<i>16</i>
15. <i>Wheat</i>	<i>23,470,000</i>	<i>14</i>
16. <i>Onions, Fresh and Dehydrator</i>	<i>22,055,000</i>	<i>13</i>
17. <i>Tomatoes, Fresh and Processing</i>	<i>21,660,000</i>	<i>15</i>
18. <i>Garlic, Fresh and Dehydrator</i>	<i>15,192,000</i>	<i>20</i>
19. <i>Silage and Forage</i>	<i>13,785,000</i>	<i>25</i>
20. <i>Lettuce, Head</i>	<i>12,060,000</i>	<i>24</i>

KERN COUNTY 1999 CROP REPORT - PERMANENT ACREAGE

CROP	YEAR	BEARING	NON-BEARING	TOTAL
Almonds	1999	88,947	23,236	112,183
	1998	79,587	12,836	92,423
Apples	1999	5,237	0	5,237
	1998	5,429	64	5,493
Apricots	1999	723	43	766
	1998	692	128	820
Cherries	1999	515	1,007	1,522
	1998	385	766	1,151
Figs	1999	850	0	850
	1998	404	111	515
Grapefruit	1999	1,373	113	1,486
	1998	1,158	396	1,554
GRAPES, ALL	1999	88,528	3,366	91,894
	1998	81,434	7,621	89,055
Raisin	1999	25,487	281	25,768
	1998	25,609	577	26,186
Table	1999	30,873	1,875	32,748
	1998	27,403	3,626	31,029
Wine	1999	32,168	1,210	33,378
	1998	28,422	3,418	31,840
Kiwi	1999	306	0	306
	1998	303	0	303
Lemons	1999	3,766	0	3,766
	1998	3,766	0	3,766
Nectarines	1999	1,801	70	1,871
	1998	2,156	106	2,262
Olives	1999	820	5	825
	1998	1,154	14	1,168

KERN COUNTY 1999 CROP REPORT - PERMANENT ACREAGE

<i>CROP</i>	<i>YEAR</i>	<i>BEARING</i>	<i>NON-BEARING</i>	<i>TOTAL</i>
<i>ORANGES, ALL</i>	<i>1999</i>	<i>36,921</i>	<i>1,071</i>	<i>37,992</i>
	<i>1998</i>	<i>37,256</i>	<i>1,864</i>	<i>39,120</i>
<i>Navels</i>	<i>1999</i>	<i>27,617</i>	<i>768</i>	<i>28,385</i>
	<i>1998</i>	<i>27,270</i>	<i>1,405</i>	<i>28,675</i>
<i>Valencias</i>	<i>1999</i>	<i>9,304</i>	<i>303</i>	<i>9,607</i>
	<i>1998</i>	<i>9,986</i>	<i>459</i>	<i>10,445</i>
<i>Peaches</i>	<i>1999</i>	<i>2,053</i>	<i>314</i>	<i>2,367</i>
	<i>1998</i>	<i>2,091</i>	<i>308</i>	<i>2,399</i>
<i>Pears</i>	<i>1999</i>	<i>288</i>	<i>0</i>	<i>288</i>
	<i>1998</i>	<i>284</i>	<i>16</i>	<i>300</i>
<i>Pecans</i>	<i>1999</i>	<i>603</i>	<i>0</i>	<i>603</i>
	<i>1998</i>	<i>603</i>	<i>0</i>	<i>603</i>
<i>Persimmons</i>	<i>1999</i>	<i>339</i>	<i>15</i>	<i>354</i>
	<i>1998</i>	<i>124</i>	<i>22</i>	<i>146</i>
<i>Pistachios</i>	<i>1999</i>	<i>29,335</i>	<i>6,814</i>	<i>36,149</i>
	<i>1998</i>	<i>25,932</i>	<i>6,142</i>	<i>32,074</i>
<i>Plums</i>	<i>1999</i>	<i>2,583</i>	<i>233</i>	<i>2,816</i>
	<i>1998</i>	<i>2,379</i>	<i>105</i>	<i>2,484</i>
<i>Pomegranates</i>	<i>1999</i>	<i>434</i>	<i>529</i>	<i>963</i>
	<i>1998</i>	<i>430</i>	<i>0</i>	<i>430</i>
<i>Prunes</i>	<i>1999</i>	<i>290</i>	<i>32</i>	<i>322</i>
	<i>1998</i>	<i>102</i>	<i>220</i>	<i>322</i>
<i>Tangerines & Tangelos</i>	<i>1999</i>	<i>1,471</i>	<i>721</i>	<i>2,192</i>
	<i>1998</i>	<i>1,467</i>	<i>437</i>	<i>1,904</i>
<i>Walnuts</i>	<i>1999</i>	<i>1,435</i>	<i>20</i>	<i>1,455</i>
	<i>1998</i>	<i>1,461</i>	<i>17</i>	<i>1,478</i>
<i>Misc.</i>	<i>a/1999</i>	<i>94</i>	<i>12</i>	<i>106</i>
	<i>b/1998</i>	<i>99</i>	<i>0</i>	<i>99</i>
<i>TOTALS</i>	<i>1999</i>	<i>268,712</i>	<i>37,601</i>	<i>306,313</i>
	<i>1998</i>	<i>248,696</i>	<i>31,173</i>	<i>279,869</i>

a/ Includes: Chestnut, Kumquat, Plumcot, and Pluot. b/ Includes: Chestnut, Guava/Feijoa, Kumquat, Plumcot, and Quince.

KERN COUNTY 1999 CROP REPORT - FRUITS & NUTS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Almonds	1999	88,947	0.88	a/78,400	Ton	\$1,710.00	\$134,161,000
	1998	79,587	0.62	a/49,300	Ton	3,200.00	157,984,000
Almond By-Products	1999	---	---	166,000	Ton	55.10	9,142,000
	1998	---	---	111,000	Ton	69.70	7,735,000
APPLES, ALL	1999	5,237	20.68	108,300	Ton	---	41,148,000
	1998	5,429	19.32	104,900	Ton	---	30,754,000
Fresh	1999	---	---	82,800	Ton	478.00	39,616,000
	1998	---	---	64,400	Ton	450.00	28,951,000
Processing	1999	---	---	25,500	Ton	60.10	1,532,000
	1998	---	---	40,500	Ton	44.50	1,803,000
Apricots	1999	723	4.82	3,480	Ton	1,080.00	3,757,000
	1998	692	3.68	2,550	Ton	1,090.00	2,774,000
Cherries	1999	515	1.55	800	Ton	4,990.00	3,990,000
	b/1998	---	---	---	Ton	---	---
CITRUS, ALL	1999	43,531	10.43	454,200	Ton	---	173,887,000
	1998	43,647	18.07	788,700	Ton	---	301,847,000
Grapefruit	c/1999	1,373	1.46	2,000	Ton	549.00	1,098,000
	1998	1,158	12.18	14,100	Ton	499.00	7,034,000
Lemons	c/1999	3,766	1.30	4,900	Ton	784.00	3,839,000
	1998	3,766	19.07	71,800	Ton	525.00	37,714,000
Oranges, Navel	c/1999	27,617	7.93	219,000	Ton	685.00	150,065,000
	1998	27,270	14.63	399,000	Ton	455.00	181,631,000
Oranges, Valencia	c/1999	9,304	1.27	11,800	Ton	742.00	8,755,000
	1998	9,986	12.22	122,000	Ton	469.00	57,244,000
Tangerine & Tangelo	c/1999	1,471	3.74	5,500	Ton	820.00	4,511,000
	1998	1,467	11.45	16,800	Ton	583.00	9,798,000
Processing, All Citrus	c/1999	---	---	211,000	Ton	26.60	5,619,000
	1998	---	---	165,000	Ton	51.10	8,426,000
GRAPES, ALL	1999	88,283	8.29	731,700	Ton	---	491,269,000
	*1998	81,122	8.39	680,970	Ton	---	427,276,000
Raisin Variety	d/1999	25,242	7.49	189,100	Ton	---	136,134,000
	*d/1998	25,442	7.24	184,170	Ton	---	122,039,000
Fresh Market	1999	---	---	97,300	Ton	1,190.00	115,536,000
	1998	---	---	95,600	Ton	1,100.00	105,431,000

KERN COUNTY 1999 CROP REPORT - FRUITS & NUTS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Raisins	e/1999	---	---	3,340	Ton	\$ 1,420.00	\$ 4,756,000
	e/1998	---	---	3,150	Ton	1,290.00	4,061,000
Processing	1999	---	---	11,800	Ton	253.00	2,984,000
	1998	---	---	7,570	Ton	249.00	1,886,000
Crushed	1999	---	---	65,000	Ton	198.00	12,858,000
	1998	---	---	65,900	Ton	162.00	10,661,000
Juice	b/1999	---	---	---	Ton	---	---
	*b/1998	---	---	---	Ton	---	---
<u>Table</u>	1999	30,873	9.15	282,600	Ton	---	279,634,000
<u>Variety</u>	1998	27,403	8.06	220,800	Ton	---	221,308,000
Fresh Market	1999	---	---	222,000	Ton	1,210.00	268,213,000
	1998	---	---	171,000	Ton	1,250.00	214,322,000
Crushed	1999	---	---	60,600	Ton	188.00	11,421,000
	1998	---	---	49,800	Ton	140.00	6,986,000
Raisin	1999	---	---	---	Ton	---	---
	1998	---	---	---	Ton	---	---
<u>Wine</u>	1999	32,168	8.08	260,000	Ton	---	75,501,000
<u>Variety</u>	1998	28,277	9.76	276,000	Ton	---	83,929,000
Crushed	1999	---	---	260,000	Ton	290.00	75,501,000
	1998	---	---	276,000	Ton	304.00	83,929,000
Juice	1999	---	---	---	Ton	---	---
	b/1998	---	---	---	Ton	---	---
Kiwi	1999	306	6.57	2,010	Ton	1,390.00	2,795,000
	1998	303	8.71	2,640	Ton	400.00	1,057,000
Nectarines	1999	1,801	5.05	9,100	Ton	1,240.00	11,300,000
	1998	2,156	5.43	11,700	Ton	1,180.00	13,769,000
Olives	1999	820	6.32	5,180	Ton	505.00	2,617,000
	1998	1,154	1.93	2,230	Ton	460.00	1,026,000
Peaches	1999	2,053	4.41	9,050	Ton	1,070.00	9,687,000
	1998	2,091	6.22	13,000	Ton	825.00	10,720,000
Pistachios	1999	29,335	0.87	f/25,400	Ton	2,620.00	66,575,000
	*1998	25,932	1.77	f/45,900	Ton	2,060.00	94,614,000
Plums	1999	2,583	4.10	10,600	Ton	1,020.00	10,799,000
	1998	2,379	5.88	14,000	Ton	1,050.00	14,661,000

KERN COUNTY 1999 CROP REPORT - FRUITS & NUTS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Walnuts	1999	1,435	1.21	f/1,730	Ton	\$1,100.00	\$ 1,905,000
	*1998	1,461	1.79	f/2,610	Ton	1,020.00	2,662,000
Misc.	g/1999	3,184	---	10,360	Ton	---	12,284,000
	*h/1998	3,936	---	7,950	Ton	---	9,714,000
TOTALS	1999	268,753	---	1,616,310	Ton	---	\$ 975,316,000
	*1998	249,889	---	1,837,450	Ton	---	1,076,593,000

*Revised

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

b/ Acres, total production, and total value included in Miscellaneous Fruit & Nut.

c/ Production per acre was derived from total bearing acreage, although only a portion of those acres were harvested due to the December 1998 Freeze. The freeze was devastating to the 1998 - 1999 Citrus Season Crop.

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

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

Dry Ratio: 1998 - 4.80 to 1 1999 - 4.50 to 1

f/ Pistachio and walnut production stated in terms of In-shell Equivalents.

g/ Includes: Blueberries, Bushberries, Chestnut, Dates, Figs (Fresh & Dry), Kumquats, Ollaliberries, All Pears, Pecans, Persimmons, Pomegranates, Processing Apricots, Peaches and Strawberries, Prunes, Raisin Grapes for Juice Use, Raspberries, and Strawberries.

h/ Includes: Blueberries, Boysenberries, Cherries, Figs (Fresh & Dry), Kumquats, Ollaliberries, All Pears, Pecans, Persimmons, Pomegranates, Processing Apricots and Peaches, Prunes, Raspberries, Strawberries and Wine Grapes for Juice Use.

KERN COUNTY 1999 CROP REPORT - SEED CROPS

CROP	YEAR	HARVESTED ACRES	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Cotton	1999	19,415	17,500	Ton	a/\$305.00	\$ 5,329,000
	1998	16,005	8,000	Ton	a/285.00	2,281,000
Field	b/1999	4,436	8,970	Ton	---	2,778,000
	c/1998	1,656	3,250	Ton	---	726,000
Vegetable	d/1999	955	135	Ton	---	2,079,000
	e/1998	797	59	Ton	---	1,442,000
TOTALS	1999	f/5,391	26,605	Ton	---	\$10,186,000
	1998	f/2,453	11,309	Ton	---	4,449,000

a/ Includes a per acre approval.

b/ Includes: Alfalfa, Blackeyes, Safflower, and Wheat.

c/ Includes: Alfalfa, Blackeyes, and Wheat.

d/ Includes: Broccoli, Cabbage, Cauliflower, Lettuce, Melon, Onion, and Radish.

e/ Includes: Broccoli, Cauliflower, and Onion.

f/ Does not include cotton acreage.

KERN COUNTY 1999 CROP REPORT - FIELD CROPS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Barley	a/1999	12,132	1.76	21,400	Ton	\$ 94.10	\$ 2,013,000
	a/1998	13,824	2.01	27,800	Ton	93.20	2,592,000
Beans, Dry Edible	1999	7,959	1.45	11,540	Ton	439.00	5,065,000
	1998	6,331	1.16	7,340	Ton	591.00	4,338,000
Cotton Lint, Acala	1999	143,370	b/1,365	c/395,000	Bale	d/0.81	157,540,000
	1998	148,045	b/869	c/260,000	Bale	d/0.72	92,189,000
Cotton Lint, Pima	1999	39,995	b/1,217	c/98,300	Bale	d/0.84	40,638,000
	1998	45,675	b/791	c/73,000	Bale	d/0.97	34,982,000
Cottonseed, Processing	1999	---	---	185,000	Ton	191.00	35,307,000
	1998	---	---	124,000	Ton	190.00	23,604,000
Hay, Alfalfa	1999	128,000	8.09	1,035,000	Ton	79.60	82,396,000
	1998	120,000	6.98	838,000	Ton	95.90	80,392,000
Hay, Grain	1999	12,000	3.27	39,200	Ton	79.50	3,118,000
	1998	13,000	3.29	42,700	Ton	77.90	3,328,000
Hay, Other	1999	11,000	2.86	31,500	Ton	70.10	2,207,000
	1998	12,000	4.80	57,600	Ton	40.00	2,304,000
Pasture, Irrigated	1999	8,000	---	---	Acre	135.00	1,080,000
	1998	8,000	---	---	Acre	135.00	1,080,000
Pasture, Other	1999	---	---	---	---	---	1,476,000
	1998	---	---	---	---	---	895,000
Pasture, Range	1999	1,957,000	---	---	Acre	20.00	39,133,000
	1998	1,973,000	---	---	Acre	5.00	9,864,000
Safflower	1999	7,800	1.23	9,600	Ton	291.00	2,796,000
	1998	7,800	0.83	6,500	Ton	304.00	1,979,000
Silage and Forage	1999	45,000	19.16	862,000	Ton	16.00	13,785,000
	1998	41,000	15.56	638,000	Ton	16.80	10,728,000
Sugar Beets	1999	3,750	27.20	102,000	Ton	33.10	3,378,000
	1998	5,191	31.98	166,000	Ton	35.50	5,896,000
Wheat	1999	73,000	3.07	224,000	Ton	105.00	23,470,000
	1998	72,000	2.44	176,000	Ton	120.00	21,084,000
Misc.	e/1999	10,885	---	64,100	Ton	---	5,256,000
	f/1998	11,719	---	55,900	Ton	---	5,232,000
TOTALS	1999	g/502,891	---	---	---	---	\$418,658,000
	1998	g/504,585	---	---	---	---	300,487,000

a/ May contain dryland

b/ Pounds Lint Per Acre

c/ 495 Pounds Net Weight Bale

d/ Price Per Pound

e/ Includes: Clover, Field Corn (Grain), Rye, Sorghum, and Straw.

f/ Includes: Field Corn (Grain), Rye, Sorghum, and Straw.

g/ Does not include Range acreage.

KERN COUNTY 1999 CROP REPORT - VEGETABLE CROPS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
<i>Cantaloupes</i>	<i>1999</i>	<i>2,889</i>	<i>11.25</i>	<i>32,500</i>	<i>Ton</i>	<i>\$ 210.00</i>	<i>\$ 6,818,000</i>
	<i>*1998</i>	<i>2,327</i>	<i>14.05</i>	<i>32,700</i>	<i>Ton</i>	<i>348.00</i>	<i>11,374,000</i>
<i>Corn, Sweet</i>	<i>1999</i>	<i>660</i>	<i>4.91</i>	<i>3,240</i>	<i>Ton</i>	<i>219.00</i>	<i>710,000</i>
	<i>1998</i>	<i>454</i>	<i>5.59</i>	<i>2,540</i>	<i>Ton</i>	<i>223.00</i>	<i>566,000</i>
<i>Garlic, Dehydrator</i>	<i>1999</i>	<i>3,685</i>	<i>8.39</i>	<i>30,900</i>	<i>Ton</i>	<i>287.00</i>	<i>8,865,000</i>
	<i>1998</i>	<i>2,533</i>	<i>5.21</i>	<i>13,200</i>	<i>Ton</i>	<i>313.00</i>	<i>4,129,000</i>
<i>Garlic, Fresh</i>	<i>1999</i>	<i>604</i>	<i>7.28</i>	<i>4,400</i>	<i>Ton</i>	<i>1,440.00</i>	<i>6,327,000</i>
	<i>1998</i>	<i>945</i>	<i>5.51</i>	<i>5,200</i>	<i>Ton</i>	<i>1,840.00</i>	<i>9,580,000</i>
<i>Lettuce, Head</i>	<i>1999</i>	<i>2,915</i>	<i>11.68</i>	<i>34,050</i>	<i>Ton</i>	<i>---</i>	<i>12,060,000</i>
<i>Naked Pack</i>		<i>---</i>	<i>---</i>	<i>20,900</i>	<i>Ton</i>	<i>368.00</i>	<i>7,684,000</i>
<i>Wrapped Pack</i>		<i>---</i>	<i>---</i>	<i>3,450</i>	<i>Ton</i>	<i>432.00</i>	<i>1,492,000</i>
<i>Bulk Shredder</i>		<i>---</i>	<i>---</i>	<i>9,700</i>	<i>Ton</i>	<i>297.00</i>	<i>2,884,000</i>
<i>Lettuce, Head</i>	<i>1998</i>	<i>3,208</i>	<i>13.34</i>	<i>42,780</i>	<i>Ton</i>	<i>---</i>	<i>11,008,000</i>
<i>Naked Pack</i>		<i>---</i>	<i>---</i>	<i>26,500</i>	<i>Ton</i>	<i>293.00</i>	<i>7,761,000</i>
<i>Wrapped Pack</i>		<i>---</i>	<i>---</i>	<i>4,480</i>	<i>Ton</i>	<i>274.00</i>	<i>1,227,000</i>
<i>Bulk Shredder</i>		<i>---</i>	<i>---</i>	<i>11,800</i>	<i>Ton</i>	<i>171.00</i>	<i>2,020,000</i>
<i>Melons, Other</i>	<i>1999</i>	<i>1,184</i>	<i>11.23</i>	<i>13,300</i>	<i>Ton</i>	<i>382.00</i>	<i>5,080,000</i>
	<i>1998</i>	<i>952</i>	<i>12.82</i>	<i>12,200</i>	<i>Ton</i>	<i>258.00</i>	<i>3,151,000</i>
<i>Onions, Fresh</i>	<i>1999</i>	<i>1,829</i>	<i>27.88</i>	<i>51,000</i>	<i>Ton</i>	<i>177.00</i>	<i>9,026,000</i>
	<i>1998</i>	<i>1,634</i>	<i>25.70</i>	<i>42,000</i>	<i>Ton</i>	<i>239.00</i>	<i>10,049,000</i>
<i>Onions, Dehydrator</i>	<i>1999</i>	<i>7,462</i>	<i>18.89</i>	<i>141,000</i>	<i>Ton</i>	<i>92.40</i>	<i>13,029,000</i>
	<i>1998</i>	<i>8,715</i>	<i>16.87</i>	<i>147,000</i>	<i>Ton</i>	<i>79.70</i>	<i>11,717,000</i>
<i>Peppers, Bell</i>	<i>1999</i>	<i>2,536</i>	<i>16.72</i>	<i>42,400</i>	<i>Ton</i>	<i>630.00</i>	<i>26,711,000</i>
	<i>1998</i>	<i>2,415</i>	<i>12.63</i>	<i>30,500</i>	<i>Ton</i>	<i>599.00</i>	<i>18,263,000</i>

KERN COUNTY 1999 CROP REPORT - VEGETABLE CROPS

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
POTATOES, ALL	1999	19,229	23.13	444,700	Ton	---	\$ 76,295,400
	1998	23,307	16.93	394,590	Ton	---	74,960,500
Spring Total	1999	16,087	25.19	405,200	Ton	---	67,259,000
	1998	19,380	17.83	345,600	Ton	---	58,977,000
Fresh Market	1999	---	---	236,000	Ton	\$225.00	53,105,000
	1998	---	---	211,000	Ton	225.00	47,521,000
Processing	1999	---	---	110,200	Ton	125.00	13,800,000
	1998	---	---	81,800	Ton	136.00	11,087,000
Culls	1999	---	---	59,000	Ton	6.00	354,000
	1998	---	---	52,800	Ton	7.00	369,000
Winter Total	1999	3,142	12.57	39,500	Ton	---	9,036,400
	1998	3,927	12.48	48,990	Ton	---	15,983,500
Fresh Market	1999	---	---	31,600	Ton	284.00	8,989,000
	1998	---	---	39,200	Ton	406.00	15,915,000
Culls	1999	---	---	7,900	Ton	6.00	47,400
	1998	---	---	9,790	Ton	7.00	68,500
Tomatoes, Fresh	1999	2,767	16.59	45,900	Ton	287.00	13,167,000
	1998	2,340	12.86	30,100	Ton	472.00	14,204,000
Tomatoes, Processing	1999	3,600	39.42	141,900	Ton	59.90	8,493,000
	1998	2,700	34.33	92,700	Ton	54.60	5,066,000
Watermelons, Seeded	1999	1,593	23.85	38,000	Ton	107.00	4,057,000
	1998	1,508	22.15	33,400	Ton	95.70	3,198,000
Watermelons, Seedless	1999	2,415	19.21	46,400	Ton	121.00	5,625,000
	1998	1,691	25.60	43,300	Ton	134.00	5,814,000
Misc.	a/1999	41,680	---	1,252,000	Ton	---	129,798,000
	*b/1998	47,033	---	1,303,000	Ton	---	140,352,000
TOTALS	1999	95,048	---	2,321,690	Ton	---	\$326,061,400
	*1998	101,772	---	2,225,210	Ton	---	323,431,500

*Revised

a/ Includes: Artichoke, Asparagus, Beans (Snap), Broccoli, Cabbage, Cactus, Carrots, Cauliflower, Cilantro, Collard, Cucumber, Eggplant, Gai Lon, Gourds, Leaf Lettuce, Leek, Lima Beans, Mushrooms, Okra, Onions (Green), Parsley, Peas, Peppers (Chili and Processing), Processing Cantaloupe, Pumpkins, Radishes, Red Beets, Romaine Lettuce, Rutabaga, Spinach, Squash, Sweet Potatoes, Turnips, and Yams.

b/ Includes: Artichoke, Asparagus, Beans (Snap), Broccoli, Cabbage, Cactus, Carrots, Cauliflower, Celery, Cilantro, Gai Lon, Leaf Lettuce, Leek, Lima Beans, Mixed Greens, Mushrooms, Okra, Onions (Green), Parsley, Peas, Peppers (Chili and Processing), Pumpkins, Radishes, Red Beets, Romaine Lettuce, Spinach, Squash, Sweet Potatoes, Turnips, and Yams.

KERN COUNTY 1999 CROP REPORT - NURSERY CROPS

CROP	YEAR	HARVESTED ACRES	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Christmas Trees	1999	---	4,940	Tree	---	\$ 105,000
	1998	---	4,970	Tree	---	106,000
Fruit and Nut Trees, Vines	a/1999	572	16,517,000	Plant	---	43,233,000
	a/1998	524	14,539,000	Plant	---	35,956,000
Herbaceous Plants	1999	---	---	---	---	2,037,000
	1998	---	---	---	---	1,606,000
Ornamental Trees & Shrubs	a/1999	17	59,100	Plant	---	275,000
	a/1998	20	42,100	Plant	---	309,000
Propagative Material	1999	---	---	---	---	4,248,000
	1998	---	---	---	---	674,000
Roses	1999	1,607	25,543,000	Plant	\$1.52	38,869,000
	1998	1,678	29,953,000	Plant	1.23	36,697,000
Turf	1999	1,111	47,753,000	Sq Ft	0.22	10,362,000
	1998	804	35,035,000	Sq Ft	0.21	7,288,000
TOTALS	1999	3,307	---	---	---	\$99,129,000
	1998	3,026	---	---	---	82,636,000

a/ Includes container grown plants.

INDUSTRIAL AND WOOD CROPS - 1999

CROP	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Biomass and Composting	1999	704,000	Ton	---	\$11,812,000
	*1998	563,000	Ton	---	7,791,000
Timber	a/1999	2,632,000	Brd Ft	---	673,000
	a/1998	1,662,000	Brd Ft	---	354,000
Wood for Fuel	1999	1,627	Cords	b/\$138.00	225,000
	*1998	1,816	Cords	b/142.00	258,000
TOTALS	1999	---	---	---	\$12,710,000
	*1998	---	---	---	8,403,000

*Revised

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.

KERN COUNTY 1999 CROP REPORT - LIVESTOCK & POULTRY

KIND	YEAR	NUMBER OF HEAD	TOTAL LIVEWEIGHT	UNIT	UNIT VALUE	TOTAL VALUE
Cattle and Calves	1999	382,000	1,237,000	Cwt	\$68.80	\$85,162,000
	*1998	367,000	1,212,000	Cwt	65.90	79,857,000
Sheep and Lambs	1999	127,000	153,000	Cwt	75.00	11,479,000
	1998	125,500	154,000	Cwt	79.30	12,213,000
Hogs	1999	3,601	7,920	Cwt	35.10	278,000
	*1998	3,957	8,700	Cwt	34.00	296,000
Fryers and Roasters	a/1999	---	---	Lb	---	---
	1998	254,000	1,399,000	Lb	0.47	657,000
Ostriches	1999	3,622	---	---	---	1,391,000
	1998	6,024	---	---	---	1,512,000
Misc.	b/1999	---	---	---	---	581,000
	b/1998	---	---	---	---	91,000
TOTALS	1999	---	---	---	---	\$98,891,000
	*1998	---	---	---	---	94,626,000

*Revised

a/ Total Value included in Miscellaneous Livestock & Poultry. b/ Includes Game Birds for Meat and Other.

LIVESTOCK & POULTRY PRODUCTS - 1999

PRODUCT	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Milk, Market	1999	12,283,000	Cwt	\$13.30	\$163,739,000
	*1998	10,566,000	Cwt	15.00	158,694,000
Milk, Manufacturing	1999	19,800	Cwt	12.40	246,000
	1998	22,700	Cwt	12.40	281,000
Manure	1999	455,000	Ton	---	2,427,000
	*1998	395,000	Ton	---	2,041,000
Wool	1999	1,371,000	Lb	0.35	480,000
	1998	1,431,000	Lb	0.70	1,002,000
Other Livestock Products	1999	---	---	---	10,107,000
	1998	---	---	---	15,465,000
TOTALS	1999	---	---	---	\$176,999,000
	*1998	---	---	---	177,483,000

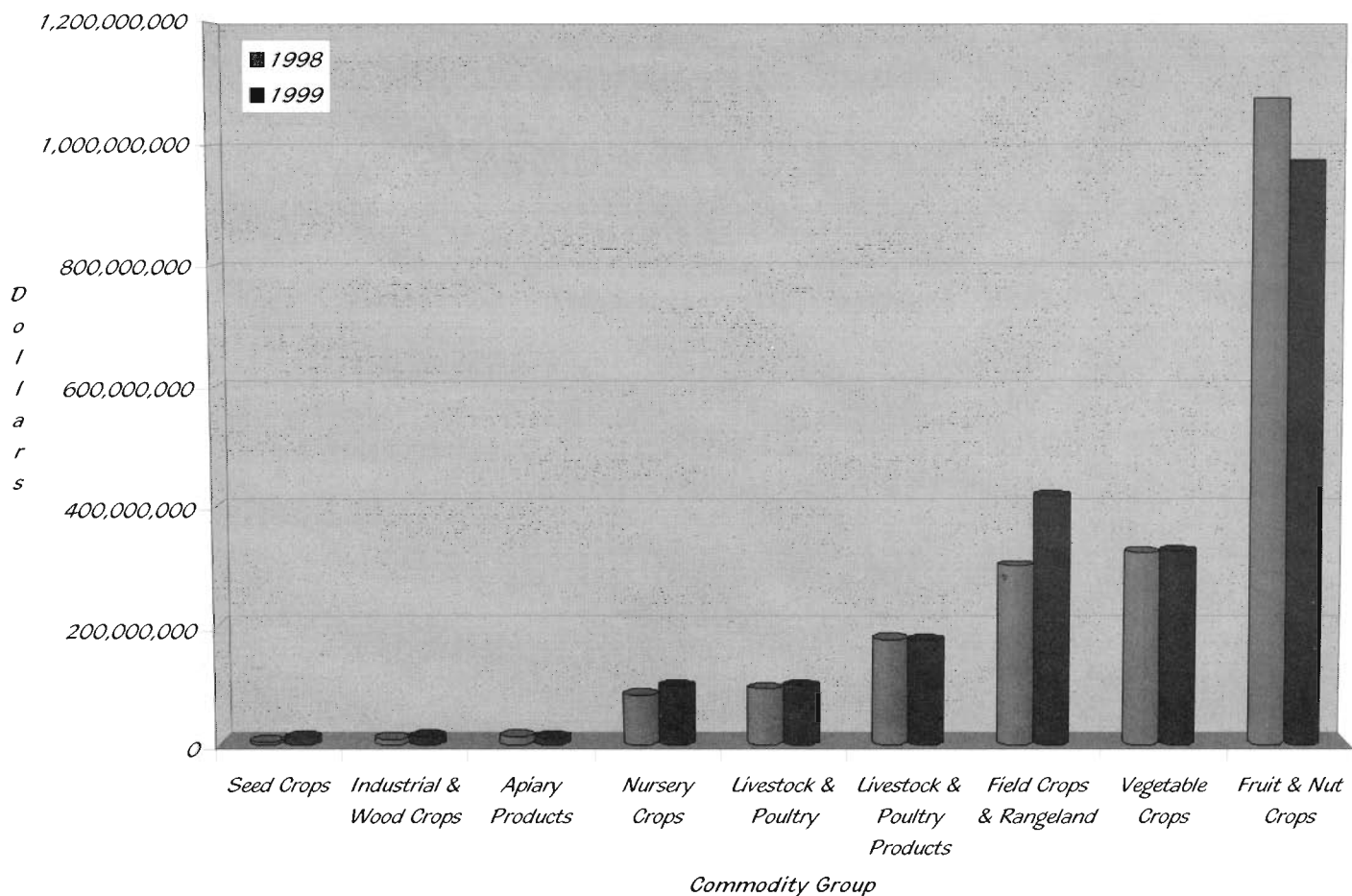
*Revised

KERN COUNTY 1999 CROP REPORT - APIARY PRODUCTS

PRODUCT	YEAR	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Honey	1999	4,063,000	Lb	\$ 0.53	\$ 2,153,000
	1998	5,460,000	Lb	0.62	3,385,000
Beeswax	1999	508,000	Lb	1.30	660,000
	1998	682,000	Lb	1.45	990,000
Pollination	1999	217,000	Colony	39.70	8,606,000
	*1998	194,000	Colony	39.70	7,708,000
Other Apiary Products	1999	---	---	---	200,000
	1998	---	---	---	283,000
TOTALS	1999	---	---	---	\$11,619,000
	*1998	---	---	---	12,366,000

*Revised

1998 - 1999 Kern County Value Comparison by Commodity Group



KERN COUNTY 1999 CROP REPORT - SUMMARY

COMMODITY	YEAR	HARVESTED ACRES	RANGE	TOTAL VALUE
Fruit and Nut Crops	1999	268,753	---	\$ 975,316,000
	*1998	249,889	---	1,076,593,000
Field Crops and Rangeland	1999	502,891	1,957,000	418,658,000
	1998	504,585	1,973,000	300,487,000
Vegetable Crops	1999	95,048	---	326,061,400
	*1998	101,772	---	323,431,500
Nursery Crops	1999	3,307	---	99,129,000
	1998	3,026	---	82,636,000
Industrial and Wood Crops	1999	---	---	12,710,000
	*1998	---	---	8,403,000
Seed Crops	1999	5,391	---	10,186,000
	1998	2,453	---	4,449,000
Livestock and Poultry	1999	---	---	98,891,000
	*1998	---	---	94,626,000
Livestock and Poultry Products	1999	---	---	176,999,000
	*1998	---	---	177,483,000
Apiary Products	1999	---	---	11,619,000
	*1998	---	---	12,366,000
TOTALS	1999	875,390	1,957,000	\$2,129,569,400
	*1998	861,725	1,973,000	2,080,474,500

Total value without timber

1999

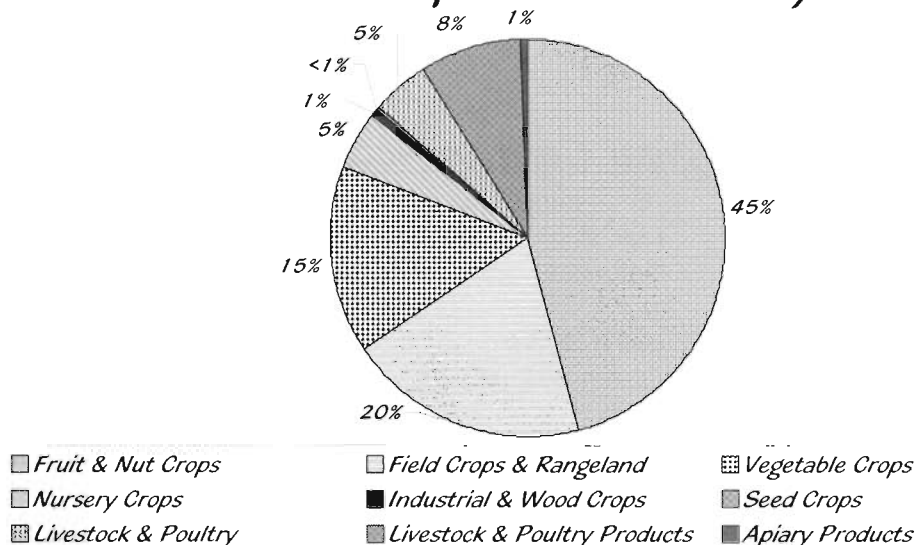
\$2,128,896,400

*1998

2,080,120,500

*Revised

1999 Crop Value Summary



1999 PEST PREVENTION AND CONTROL

Pest Eradication

<u>Mechanism</u>	<u>Pests</u>	<u>Scope of Program</u>	
Survey & Eradication	Citrus Tristeza Virus, Dalmatian Toadflax, Harmel, Scotch Thistle and Spotted Knapweed	310	Hours
Biocontrol Releases	Purple Loosestrife and Yellow Starthistle	64	Hours
Trapping*	Pink Bollworm	429	Natives Detected
Sterile Release*		1,242	Fields
Plowdown		181,810	Acres

*Cooperative Pink Bollworm Project

Pest Exclusion

<u>Interception</u>	<u>Total Findings</u>	<u>Pathway</u>
Live Pest	31	Post Office, Parcel Post, Truck
Improper Certification	85	Post Office, Parcel Post, Truck
Labeling	42	Post Office, Parcel Post

Kern County intercepted 4 "Q" rated and 24 "C" rated pests in 1999.

Pest Detection/Trapping

<u>Trap Name</u>	<u>Number of Traps Deployed</u>
Jackson Trap (Medfly, Oriental and Melon Fruit Flies)	1,100
McPhail Trap	180
Delta Trap (Gypsy Moth)	350
Japanese Beetle Trap	300
Khapra Beetle Trogotrap	95
European Corn Borer Trap	20
European Pine Shoot Moth	10

Exotic Pests Trapped

Sterile Mediterranean Fruit Flies	17
Sterile Mexican Fruit Flies	1

Biological Control Activities

<u>Pest</u>	<u>Agent</u>	<u>Scope of Program</u>
Purple Loosestrife	Leaf Beetle	1 site
<u>Lythrum salicaria</u>	<u>Galerucella spp.</u>	400 adult Beetles
Yellow Starthistle	Hairy Weevil	5 sites
<u>Centaurea solstitialis</u>	<u>Eustenopus villosus</u>	1,000 adult Weevils
	Flower Weevil	1 site
	<u>Larinus curtus</u>	200 adult Weevils