

# DEPARTMENT OF AGRICULTURE

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Deputy Commissioner

1994

Mr. Henry Voss, Secretary  
Calif. Dept. of Food & Agriculture  
- and -  
The Honorable Board of Supervisors  
County of Kern

In accordance with Section 2279 of the Food & Agriculture Code, I submit the Agricultural Crop Report for 1994.

The 1994 total value of agricultural commodities produced in Kern County is \$1,949,768,000; up 3% over the 1993 revised value. Grapes were again the number one crop followed closely by cotton. Grapes maintained their number one ranking due to an increase in harvested acres. Tomatoes, wheat and cantaloupes moved into the top twenty ranking.

Citrus replaced almonds as the number three crop. This was attributed to both increased prices and more acres brought into production.

Notable decreases in value experienced during the year were: pistachios, -44%; garlic, -34%; onion, -36%. Along with lettuce, sugar beets, sheep & lambs, these three crops fell out of the top twenty ranking.

Overall, thirteen of the top twenty crops experienced an increase in harvested acres. Citrus (+11%), watermelons (+28%) and cantaloupes (+24%) had the largest acreage increases.

These figures represent a GROSS receipt of producers and DO NOT take into account the various cost of production, marketing or transportation. NO ATTEMPT IS MADE TO REFLECT NET INCOME OF THE PRODUCER.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Theodore K. Davis".

Theodore K. Davis  
Agricultural Commissioner

TKD:sc

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# TOP TWENTY CROPS - 1993

		<u>1992 Rank</u>
1. Grapes	\$396,394,000	2
2. Cotton, Including Processed Cottonseed	301,177,000	1
3. Almonds, Including By-Products	199,072,000	3
4. Citrus, Fresh & Processed	185,695,000	6
5. Carrots, Fresh & Processed	114,988,000	4
6. Pistachios	98,745,000	5
7. Milk, Market	76,818,000	7
8. Potatoes, Fresh & Processed	68,879,000	11
9. Hay, Alfalfa	60,963,000	9
10. Nursery Crops	59,536,000	8
11. Apples	36,190,000	10
12. Lettuce, Head	25,653,000	16
13. Garlic, Fresh & Dehydrator	24,974,000	14
14. Onions, Fresh & Dehydrator	20,798,000	12
15. Plums	17,557,000	18
16. Cattle & Calves	14,410,000	13
17. Bell Peppers, Fresh	12,910,000	25
18. Watermelons	12,718,000	15
19. Sugar Beets	12,244,000	21
20. Sheep & Lambs	11,625,000	19

# PERMANENT ACREAGE - 1994

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON BEARING</u>	<u>TOTAL</u>
Almonds	1994	72,591	10,398	82,989
	1993	71,574	7,909	79,483
Apples	1994	5,227	182	5,409
	1993	4,985	30	5,015
Apricots	1994	694	134	828
	1993	669	151	820
Cherries	1994	85	142	227
	1993	54	157	211
Figs	1994	398	97	495
	1993	478	6	484
Grapefruit	1994	877	377	1,254
	1993	851	389	1,240
GRAPES, ALL	1994	78,487	3,803	82,290
	1993	73,719	4,039	77,758
Raisin	1994	28,657	651	29,308
	1993	27,126	1,947	29,073
Table	1994	23,217	1,977	25,194
	1993	22,056	1,929	23,985
Wine	1994	26,613	1,175	27,788
	1993	24,537	163	24,700
Jojoba	1994	93	0	93
	1993	342	0	342
Kiwi	1994	549	0	549
	1993	626	0	626
Lemons	1994	3,212	162	3,374
	1993	3,061	159	3,220
Nectarines	1994	2,034	494	2,528
	1993	1,837	722	2,559
Olives	1994	2,014	38	2,052
	1993	2,017	38	2,055
ORANGES, ALL	1994	33,265	3,681	36,946
	1993	30,296	5,397	35,693
Navels	1994	24,714	3,048	27,762
	1993	22,656	3,829	26,485
Valencias	1994	8,551	633	9,184
	1993	7,640	1,568	9,208

# PERMANENT ACREAGE - 1994

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON BEARING</u>	<u>TOTAL</u>
Peaches	1994	2,291	428	2,719
	1993	2,189	526	2,715
Pears	1994	437	53	490
	1993	279	163	442
Pecans	1994	646	12	658
	1993	706	12	718
Persimmons	1994	67	25	92
	1993	71	9	80
Pistachios	1994	18,996	9,236	28,232
	1993	19,713	7,891	27,604
Plums	1994	2,934	236	3,170
	1993	3,184	79	3,263
Pomegranates	1994	436	6	442
	1993	465	40	505
Prunes	1994	118	0	118
	1993	118	0	118
Tangerines & Tangelos	1994	1,300	108	1,408
	1993	1,057	121	1,178
Walnuts	1994	1,612	32	1,644
	1993	1,612	32	1,644
Misc.	a/1994	10	0	10
	a/1993	<u>11</u>	<u>0</u>	<u>11</u>
TOTALS	1994	228,373	29,644	258,017
	1993	219,914	27,870	247,784

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

# FRUIT AND NUT CROPS - 1994

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Almonds	1994	72,591	0.98	a/71,100	Ton	\$2,598.00	\$184,703,000
	1993	71,574	0.69	a/49,400	Ton	3,860.00	190,630,000
Almond By-Products	1994	---	---	126,000	Ton	81.00	10,201,000
	1993	---	---	110,000	Ton	77.00	8,442,000
APPLES, ALL	1994	5,227	22.80	119,100	Ton	---	56,184,000
	1993	4,985	17.90	89,300	Ton	---	36,190,000
Fresh	1994	---	---	81,000	Ton	661.00	53,505,000
	1993	---	---	55,100	Ton	607.00	33,454,000
Processing	1994	---	---	38,100	Ton	70.00	2,679,000
	1993	---	---	34,200	Ton	80.00	2,736,000
Apricots	1994	694	4.76	3,300	Ton	1,106.00	3,650,000
	1993	669	4.60	3,080	Ton	1,212.00	3,733,000
CITRUS, ALL	1994	38,654	15.40	596,600	Ton	---	231,097,000
	1993	34,835	15.60	541,760	Ton	---	185,695,000
Grapefruit	1994	877	13.90	12,200	Ton	354.00	4,317,000
	1993	851	6.30	5,360	Ton	340.00	1,821,000
Lemons	1994	3,212	18.60	59,600	Ton	584.00	34,828,000
	1993	3,061	5.36	16,400	Ton	606.00	9,940,000
Oranges, Navel	1994	24,714	12.30	304,000	Ton	437.00	132,779,000
	1993	22,881	12.80	292,000	Ton	395.00	115,419,000
Oranges, Valencia	1994	8,551	13.80	118,000	Ton	437.00	51,599,000
	1993	6,985	15.30	107,000	Ton	474.00	50,684,000
Tangerine & Tangelo	1994	1,300	10.20	13,300	Ton	400.00	5,318,000
	1993	1,057	12.30	13,000	Ton	442.00	5,746,000
Processing, All Citrus	1994	---	---	89,500	Ton	25.20	2,256,000
	1993	---	---	108,000	Ton	19.30	2,085,000
GRAPES, ALL	1994	78,487	8.43	661,290	Ton	---	385,138,000
	1993	73,719	9.75	718,500	Ton	---	*366,767,000
Raisin Variety	b/1994	28,657	8.22	235,670	Ton	---	145,733,000
	b/1993	27,126	9.47	256,940	Ton	---	*130,590,000
Fresh Market	1994	---	---	124,000	Ton	1,004.00	124,453,000
	1993	---	---	105,000	Ton	961.00	100,907,000
Raisins	c/1994	---	---	9,360	Ton	940.00	8,798,000
	c/1993	---	---	*9,400	Ton	901.00	*8,469,000

# FRUIT AND NUT CROPS - 1994

<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>
Processing	1994	---	---	11,900	Ton	\$ 249.00	\$ 2,969,000
	1993	---	---	12,200	Ton	238.00	2,899,000
Crushed	1994	---	---	52,400	Ton	137.00	7,182,000
	1993	---	---	97,000	Ton	184.00	17,873,000
Juice	1994	---	---	5,250	Ton	444.00	2,331,000
	1993	---	---	1,040	Ton	425.00	442,000
<u>Table Variety</u>	1994	23,217	8.02	186,300	Ton	---	193,818,000
	1993	22,056	8.79	193,900	Ton	---	*178,593,000
Fresh Market	1994	---	---	161,000	Ton	1,186.00	190,912,000
	1993	---	---	158,000	Ton	1,099.00	173,611,000
Crushed	1994	---	---	25,300	Ton	115.00	2,906,000
	1993	---	---	35,100	Ton	138.00	4,828,000
Raisin	1994	---	---	---	Ton	---	---
	1993	---	---	*180	Ton	860.00	*154,000
<u>Wine Variety</u>	1994	26,613	8.99	239,320	Ton	---	45,587,000
	1993	24,537	10.90	267,660	Ton	---	57,584,000
Crushed	1994	---	---	236,000	Ton	187.00	44,210,000
	1993	---	---	262,000	Ton	209.00	54,692,000
Juice	1994	---	---	3,320	Ton	414.00	1,377,000
	1993	---	---	5,660	Ton	511.00	2,892,000
<b>Kiwi</b>	1994	549	5.87	3,220	Ton	1,286.00	4,140,000
	1993	626	6.57	4,110	Ton	1,377.00	5,658,000
<b>Nectarines</b>	1994	2,034	4.30	8,750	Ton	904.00	7,907,000
	1993	1,837	4.85	8,910	Ton	921.00	8,206,000
<b>Olives</b>	1994	2,014	2.74	5,520	Ton	467.00	2,578,000
	1993	2,017	4.03	8,130	Ton	507.00	4,125,000
<b>Peaches</b>	1994	2,291	6.07	13,900	Ton	552.00	7,668,000
	1993	2,189	6.08	13,300	Ton	835.00	11,100,000
<b>Pistachios</b>	1994	18,996	1.56	d/29,600	Ton	1,862.00	55,158,000
	1993	19,713	1.87	d/36,800	Ton	2,683.00	98,745,000
<b>Plums</b>	1994	2,934	6.41	18,800	Ton	772.00	14,511,000
	1993	3,184	6.60	21,000	Ton	836.00	17,557,000
<b>Walnuts</b>	1994	1,612	2.42	d/3,900	Ton	910.00	3,549,000
	1993	1,612	2.31	d/3,720	Ton	1,495.00	5,563,000

# FRUIT AND NUT CROPS - 1994

<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/1994	2,224	---	8,150	Ton	---	\$ 9,655,000
	f/1993	2,403	---	8,870	Ton	---	8,005,000
TOTALS	1994	228,307	---	1,669,230	Ton	---	\$976,139,000
	1993	219,363	---	1,616,880	Ton	---	*950,416,000

\* 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: 1993 - 4.44 to 1      1994 - 4.50 to 1

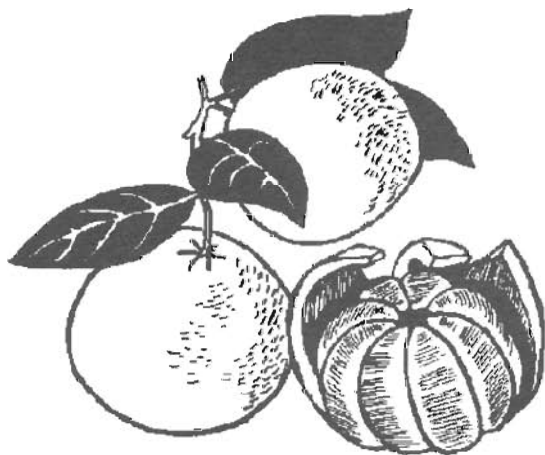
d/Pistachio and Walnut production stated in terms of In-shell Equivalents.

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

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

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

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





# FIELD CROPS - 1994

<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	1994	23,146	2.03	47,000	Ton	\$105.00	\$ 4,919,000
	1993	22,664	1.87	42,400	Ton	96.90	4,107,000
Beans, Dry Edible	1994	8,197	1.21	9,940	Ton	677.00	6,731,000
	1993	6,340	1.10	6,990	Ton	658.00	4,601,000
Cotton Lint, Acala	1994	252,754	a/1,260	b/636,000	Bale	c/0.78	248,209,000
	1993	248,354	a/1,350	b/668,000	Bale	c/0.70	234,660,000
Cotton Lint, Pima	1994	21,869	a/1,140	b/ 49,900	Bale	c/0.99	24,681,000
	1993	29,134	a/1,080	b/ 63,000	Bale	c/0.85	26,795,000
Cottonseed, Processing	1994	---	---	226,000	Ton	173.00	39,116,000
	1993	---	---	253,000	Ton	157.00	39,722,000
Hay, Alfalfa	1994	82,092	9.04	742,000	Ton	108.00	79,851,000
	1993	78,568	7.69	604,000	Ton	101.00	60,963,000
Hay, Grain	1994	8,500	3.31	28,100	Ton	71.30	2,003,000
	1993	6,000	1.93	11,600	Ton	66.10	767,000
Hay, Other	1994	3,500	2.91	10,200	Ton	84.60	863,000
	1993	3,500	2.55	8,930	Ton	92.70	828,000
Pasture, Irrigated	1994	10,000	---	---	Acre	112.00	1,120,000
	1993	10,000	---	---	Acre	112.00	1,120,000
Pasture, Other	1994	---	---	---	---	---	1,754,000
	1993	---	---	---	---	---	2,127,000
Pasture, Range	1994	2,225,216	---	---	Acre	5.00	11,126,000
	1993	2,236,475	---	---	Acre	5.00	11,182,000
Safflower	1994	7,311	1.33	9,700	Ton	303.00	2,937,000
	1993	13,510	0.76	10,300	Ton	302.00	3,111,000
Silage & Forage	1994	15,000	19.10	287,000	Ton	19.10	5,479,000
	1993	11,000	23.90	263,000	Ton	17.50	4,592,000
Sugar Beets	1994	8,746	29.20	255,000	Ton	34.60	8,823,000
	1993	9,779	34.30	335,000	Ton	36.50	12,244,000
Wheat	1994	46,459	2.76	128,000	Ton	121.00	15,428,000
	1993	44,447	2.38	106,000	Ton	108.00	11,464,000
Misc.	d/1994	---	---	---	---	---	261,000
	e/1993	---	---	---	---	---	455,000
TOTALS	1994	487,574	---	---	---	---	\$453,301,000
	1993	483,296	---	---	---	---	418,738,000

a/Pounds Lint Per Acre      b/500 Pounds Net Weight Bale      c/Price Per Pound

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

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

# VEGETABLE CROPS - 1994

<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>
<b>Asparagus</b>	a/1994	---	---	---	Ton	\$ ---	\$ ---
	1993	613	2.85	1,750	Ton	1,850.00	3,238,000
<b>Cantaloupes</b>	1994	2,202	13.70	30,100	Ton	338.00	10,162,000
	1993	1,775	11.90	21,100	Ton	327.00	6,909,000
<b>CARROTS, ALL</b>	1994	47,200	30.80	1,453,000	Ton	---	112,091,000
	1993	45,290	33.30	1,510,000	Ton	---	114,988,000
Fresh	1994	---	---	712,000	Ton	108.00	77,095,000
Market	1993	---	---	755,000	Ton	99.00	74,642,000
Processing & Other	1994	---	---	741,000	Ton	47.20	34,996,000
	1993	---	---	755,000	Ton	53.40	40,346,000
<b>Corn, Sweet</b>	1994	885	6.88	6,090	Ton	407.00	2,479,000
	1993	605	6.28	3,800	Ton	241.00	915,000
<b>Garlic, Dehydrator</b>	1994	1,072	7.15	7,660	Ton	187.00	1,431,000
	1993	1,039	5.70	5,920	Ton	205.00	1,216,000
<b>Garlic, Fresh</b>	1994	1,992	7.28	14,500	Ton	1,034.00	15,000,000
	1993	2,899	8.00	23,200	Ton	1,024.00	23,758,000
<b>Lettuce, Head</b>	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
<b>Lettuce, Head</b>	1993	4,340	21.40	92,800	Ton	---	25,653,000
Naked Pack		---	---	72,900	Ton	310.00	22,588,000
Wrapped Pack		---	---	3,500	Ton	226.00	791,000
Bulk Shredder		---	---	16,400	Ton	139.00	2,274,000
<b>Melons, Other</b>	1994	1,389	17.90	24,800	Ton	281.00	6,974,000
	1993	1,044	13.10	13,700	Ton	291.00	3,993,000
<b>Onions, Fresh</b>	1994	1,099	21.80	23,900	Ton	147.00	3,520,000
	1993	1,517	18.40	27,900	Ton	205.00	5,728,000
<b>Onions, Dehydrator</b>	1994	6,539	19.10	125,000	Ton	78.00	9,691,000
	1993	7,272	19.70	143,000	Ton	105.00	15,070,000
<b>Peppers, Bell</b>	1994	1,499	12.90	19,400	Ton	515.00	9,991,000
	1993	1,679	15.40	25,900	Ton	498.00	12,910,000

# VEGETABLE CROPS - 1994

<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>
<b>POTATOES, ALL</b>	1994	21,556	18.70	402,900	Ton	\$ ---	\$ 79,070,000
	1993	20,925	18.40	385,700	Ton	---	68,879,000
<b>Spring Total</b>	1994	19,456	19.40	376,800	Ton	---	72,698,000
	1993	18,719	18.70	349,300	Ton	---	60,785,000
Fresh Market	1994	---	---	264,000	Ton	231.00	61,025,000
	1993	---	---	236,000	Ton	207.00	48,753,000
Processing	1994	---	---	91,700	Ton	125.00	11,462,000
	1993	---	---	94,400	Ton	125.00	11,806,000
Culls	1994	---	---	21,100	Ton	10.00	211,000
	1993	---	---	18,900	Ton	12.00	226,000
<b>Winter Total</b>	1994	2,100	12.40	26,130	Ton	---	6,372,000
	1993	2,206	16.50	36,400	Ton	---	8,094,000
Fresh Market	1994	---	---	24,200	Ton	262.00	6,351,000
	1993	---	---	33,700	Ton	239.00	8,062,000
Culls	1994	---	---	1,930	Ton	11.00	21,300
	1993	---	---	2,700	Ton	11.90	32,000
<b>Tomatoes, Fresh</b>	1994	1,267	15.10	19,100	Ton	467.00	8,923,000
	1993	1,425	10.20	14,600	Ton	372.00	5,435,000
<b>Tomatoes, Processing</b>	1994	4,800	35.40	170,000	Ton	49.20	8,364,000
	1993	3,600	33.90	122,000	Ton	46.50	5,677,000
<b>Watermelons, Seeded</b>	1994	3,360	26.50	89,000	Ton	161.00	14,318,000
	1993	3,167	21.30	67,400	Ton	145.00	9,772,000
<b>Watermelons, Seedless</b>	1994	1,655	23.40	38,800	Ton	204.00	7,909,000
	1993	736	16.40	12,100	Ton	243.00	2,946,000
<b>Misc.</b>	b/1994	2,885	---	22,600	Ton	---	13,021,000
	c/1993	<u>4,697</u>	---	<u>35,460</u>	<u>Ton</u>	---	<u>13,128,000</u>
<b>TOTALS</b>	<b>1994</b>	<b>102,209</b>	<b>---</b>	<b>2,492,100</b>	<b>Ton</b>	<b>---</b>	<b>\$311,128,000</b>
	<b>1993</b>	<b><u>102,623</u></b>	<b>---</b>	<b><u>2,506,330</u></b>	<b><u>Ton</u></b>	<b>---</b>	<b><u>320,215,000</u></b>

a/1994 Asparagus reported as Miscellaneous.

b/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.

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

## 1994 Kern County Fair Jr. Livestock Auction

The southern San Joaquin valley proudly displays its deep agricultural roots at the annual Kern County Fair. Held each fall in Bakersfield, this event truly represents our culture and heritage as a farming community. The importance of livestock to our way of life is mirrored in the many animal related shows and auctions held each year during the fair. The swine auction is considered one of the largest of its kind in the country, attracting 495 entrants in 1994.

Last year 1,562 Kern County boys and girls exhibited more than 3,600 animals at various fair related events. The junior livestock auctions represented the culmination of months of hard work as bidders vied for the animals so well cared for by the entrants. Most of the participants in the livestock show and sale belong to the Future Farmers of America (FFA) or to a local 4-H chapter.

The national FFA organized in 1928 with 33 delegates. Today, Kern County alone is represented by 17 local chapters. The FFA's primary aim is the "development of agricultural leadership, cooperation, and citizenship," according to their handbook. This year's Kern County Fair included over 400 entrants from local FFA chapters.

4-H (the four H's stand for head, heart, hands, and health) participation in Kern County totals over 1,200 members in 51 clubs. The 4-H organization strives to "help youth develop into responsible, self directed, productive citizens of the world," according to their handbook. 4-H began including livestock care as projects over 75 years ago. Kern County chapters sent 776 boys and girls to the 1994 fair with animals to show and/or sell.

Local Junior Farmer's and independents also participated in the 1994 livestock auction, sending 349 entrants to the fair in 1994.

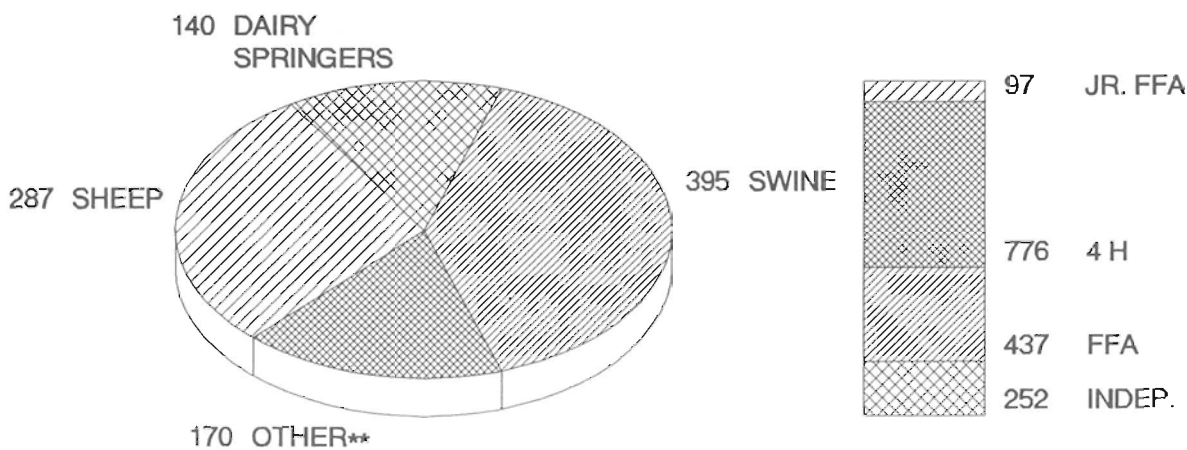
Through these programs our youth learn valuable, real life lessons which cannot be duplicated in the classroom. Caring for animals reminds the children of our local heritage and agricultural history, while at the same time teaching responsibility and useful skills.





Photo courtesy of Carol Ray-Delfino, Delfino Photography.

### 1994 KERN COUNTY FAIR LIVESTOCK AUCTION (Auctioned Animal Value\* and Participants by Organization)



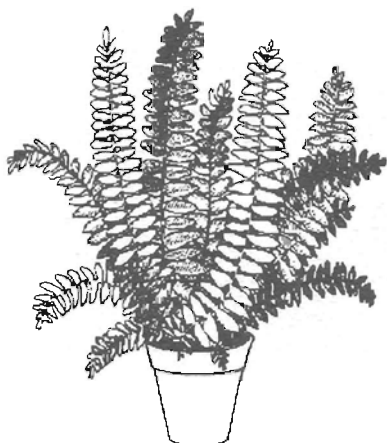
\* Thousands of Dollars

\*\* Other: Beef, Heifers, Rabbits

# NURSERY CROPS - 1994

<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	1994	---	---	8,540	Tree	\$ ---	\$ 157,000
	1993	---	---	12,600	Tree	---	233,000
Fruit & Nut Trees, Vines	a/1994	590	---	7,834,000	Plant	---	14,603,000
	a/1993	664	---	6,882,000	Plant	---	13,000,000
Herbaceous Plants	1994	---	---	---	---	---	2,763,000
	1993	---	---	---	---	---	3,214,000
Ornamental Trees & Shrubs	a/1994	25	---	243,000	Plant	---	688,000
	a/1993	14	---	148,000	Plant	---	717,000
Propagative Material	1994	---	---	---	---	---	664,000
	1993	---	---	---	---	---	821,000
Roses	1994	1,823	---	32,766,000	Plant	1.14	37,489,000
	1993	1,686	---	30,269,000	Plant	1.17	35,523,000
Turf	1994	714	---	31,080,000	Sq Ft	0.21	6,527,000
	1993	659	---	28,703,000	Sq Ft	0.21	6,028,000
TOTALS	1994	3,152	---	---	---	---	\$62,891,000
	1993	3,023	---	---	---	---	59,536,000

a/Includes container grown plants.



# INDUSTRIAL AND WOOD CROPS - 1994

<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>
<b>Biomass and Composting</b>	1994	---	---	298,000	Ton	\$ 28.70	\$ 8,560,000
	1993	---	---	193,000	Ton	36.60	7,058,000
<b>Timber</b>	a/1994	---	---	8,100,000	Brd Ft	---	2,550,000
	a/1993	---	---	4,259,000	Brd Ft	---	868,000
<b>Wood for Fuel</b>	1994	---	---	1,710	Cord	b/19.90	34,000
	1993	---	---	3,440	Cord	b/15.40	53,000
<b>TOTALS</b>	<b>1994</b>	---	---	---	---	---	<b>\$11,144,000</b>
	<b>1993</b>	---	---	---	---	---	<b>7,979,000</b>

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.

## SEED CROPS - 1994

<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>
<b>Cotton</b>	1994	18,743	---	11,200	Ton	a/\$243.00	\$2,721,000
	1993	23,271	---	18,200	Ton	a/ 214.00	3,888,000
<b>Field</b>	b/1994	2,454	---	5,620	Ton	---	848,000
	c/1993	1,271	---	3,070	Ton	---	838,000
<b>Vegetable</b>	d/1994	216	---	49	Ton	---	610,000
	e/1993	149	---	43	Ton	---	543,000
<b>TOTALS</b>	<b>1994</b>	<b>f/ 2,670</b>	---	<b>16,869</b>	<b>Ton</b>	---	<b>\$4,179,000</b>
	<b>1993</b>	<b>f/ 1,420</b>	---	<b>21,313</b>	<b>Ton</b>	---	<b>5,269,000</b>

a/Includes a per acre approval.  
b/Includes: Alfalfa, Barley, Blackeyes, Oats, Wheat, and Other  
c/Includes: Alfalfa, Barley, Blackeyes, Rye, and Wheat  
d/Includes: Lettuce and Onions  
e/Includes: Lettuce, Onions, and Peppers  
f/Does not include cotton acreage.

# LIVESTOCK & POULTRY - 1994

<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	1994	36,700	a/243,000	Cwt	\$ 57.30	\$13,922,000
	1993	32,800	a/223,000	Cwt	64.60	14,410,000
Sheep & Lambs	1994	151,000	169,000	Cwt	56.50	9,555,000
	1993	155,000	173,000	Cwt	67.20	11,625,000
Hogs	1994	2,980	6,550	Cwt	46.80	306,000
	1993	4,030	8,860	Cwt	50.10	444,000
Fryers & Roasters	1994	381,000	2,392,000	Lb	0.43	1,040,000
	1993	397,000	2,439,000	Lb	0.43	1,041,000
Ostriches	b/1994	877	---	Each	1,230.00	1,079,000
	c/1993	56	---	Each	3,000.00	168,000
Misc.	d/1994	---	---	---	---	63,000
	e/1993	---	---	---	---	236,000
TOTALS	1994	---	---	---	---	25,965,000
	1993	---	---	---	---	\$27,924,000

a/Includes Feeder weight, not included in head count

b/Includes Chicks through Yearlings

c/Includes Breeders

d/Includes: Game Birds for meat and Other

e/Includes: Fish, Game Birds for meat, and Other

## JANUARY FIRST INVENTORIES LIVESTOCK 1994 - 1995

<u>ITEM</u>	<u>JANUARY 1, 1994</u>	<u>JANUARY 1, 1995</u>
*All Cattle and Calves	180,000	189,000
*Cattle on Feed	42,000	45,000
*Milk Cows, Two Years and Over	30,000	30,000
*Stock Sheep and Lambs	126,000	130,000
*Hogs	2,000	1,700

\*California Crop and Livestock Reporting Service Estimates



# LIVESTOCK AND POULTRY PRODUCTS - 1994

<u>PRODUCT</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Milk, Market	1994	7,713,000	Cwt	\$11.40	\$87,646,000
	1993	6,829,000	Cwt	11.30	76,818,000
Milk, Manufacturing	1994	12,300	Cwt	10.20	125,000
	1993	7,880	Cwt	11.00	87,000
Wool	1994	1,680,000	Lb	0.64	1,075,000
	1993	1,788,000	Lb	0.50	894,000
Other Livestock Products	1994	---	---	---	10,211,000
	1993	---	---	---	10,557,000
TOTALS	1994	---	---	---	\$99,057,000
	1993	---	---	---	88,356,000

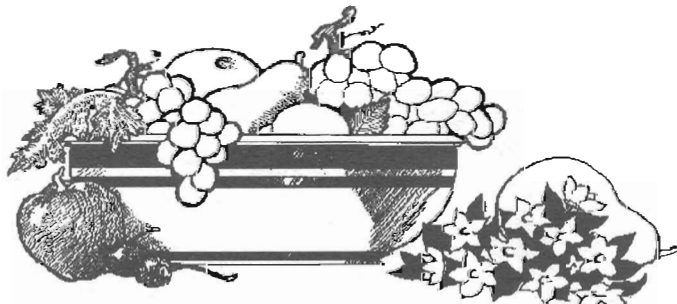
## APIARY PRODUCTS - 1994

<u>PRODUCT</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Honey	1994	749,000	Lb	\$ 0.50	\$ 375,000
	1993	1,719,000	Lb	0.50	865,000
Beeswax	1994	93,600	Lb	1.35	126,000
	1993	215,000	Lb	1.25	269,000
Pollination	1994	168,000	Colony	31.10	5,218,000
	1993	201,000	Colony	28.70	5,759,000
Other Apiary Products	1994	---	---	---	245,000
	1993	---	---	---	352,000
TOTALS	1994	---	---	---	\$5,964,000
	1993	---	---	---	7,245,000

# SUMMARY - 1994

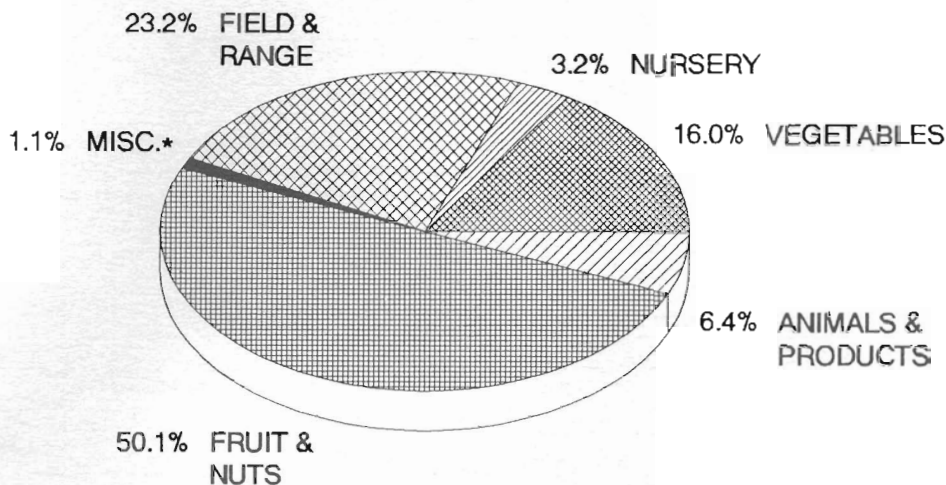
COMMODITY	YEAR	HARVESTED ACRES	RANGE	ESTIMATED VALUE
Fruit & Nut Crops	1994	228,307	---	\$976,139,000
	1993	219,363	---	*950,416,000
Field Crops & Rangeland	1994	487,574	2,225,216	453,301,000
	1993	483,296	2,236,475	418,738,000
Vegetable Crops	1994	102,209	---	311,128,000
	1993	102,623	---	320,215,000
Nursery Crops	1994	3,152	---	62,891,000
	1993	3,023	---	59,536,000
Industrial & Wood Crops	1994	---	---	11,144,000
	1993	---	---	7,979,000
Seed Crops	1994	2,670	---	4,179,000
	1993	1,420	---	5,269,000
Livestock & Poultry	1994	---	---	25,965,000
	1993	---	---	27,924,000
Livestock & Poultry Products	1994	---	---	99,057,000
	1993	---	---	88,356,000
Apiary Products	1994	---	---	5,964,000
	1993	---	---	7,245,000
TOTALS	1994	823,912	2,225,216	\$1,949,768,000
	1993	<u>809,725</u>	<u>2,236,475</u>	<u>*1,885,678,000</u>
Total Value Without Timber	1994			\$1,947,218,000
	1993			<u>*1,884,810,000</u>

\* Revised



# 1994 KERN COUNTY CROP VALUE

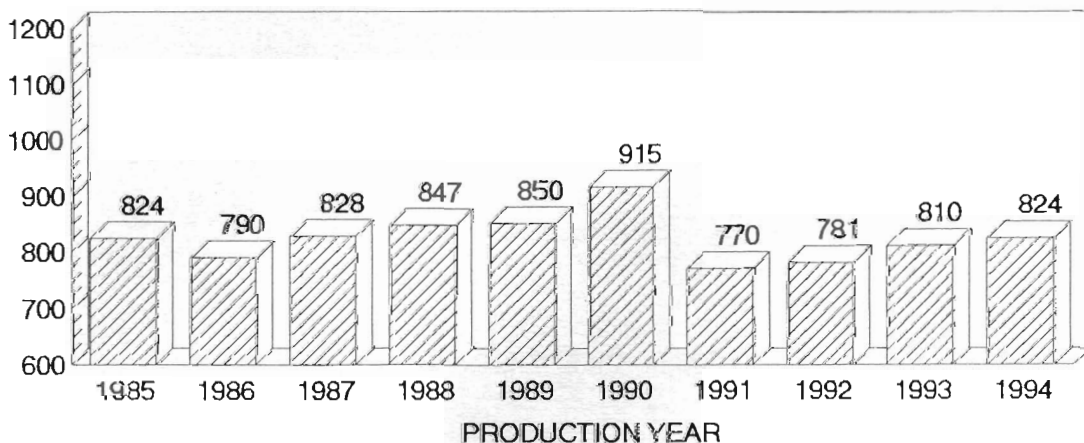
\$1,949,768,000



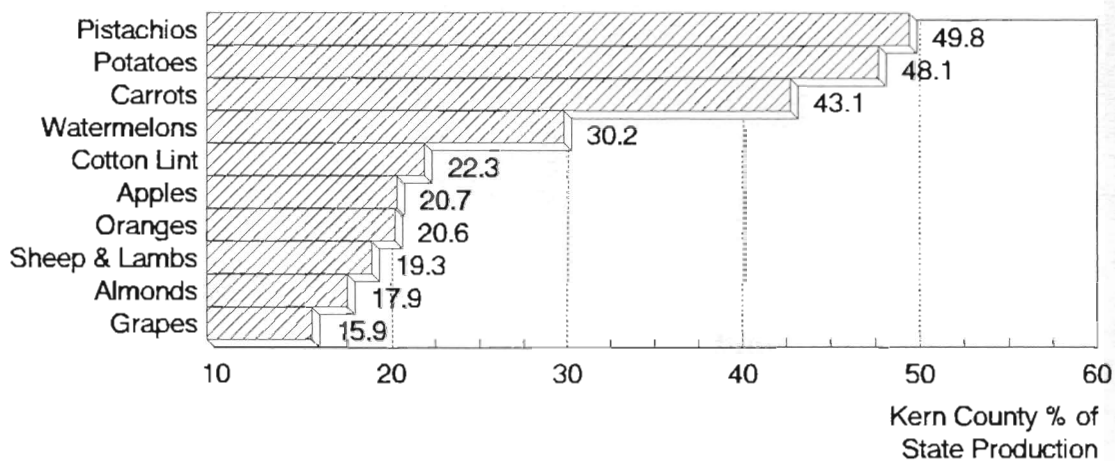
\*Miscellaneous Includes: Industrial and Wood, Seed, and Apiary

## KERN COUNTY HARVESTED ACRES 1985 - 1994

ACRES (thousands)



# KERN COUNTY'S SHARE of CALIFORNIA PRODUCTION (1993 Value)



## 1994 ORGANIC FARMING STATISTICS

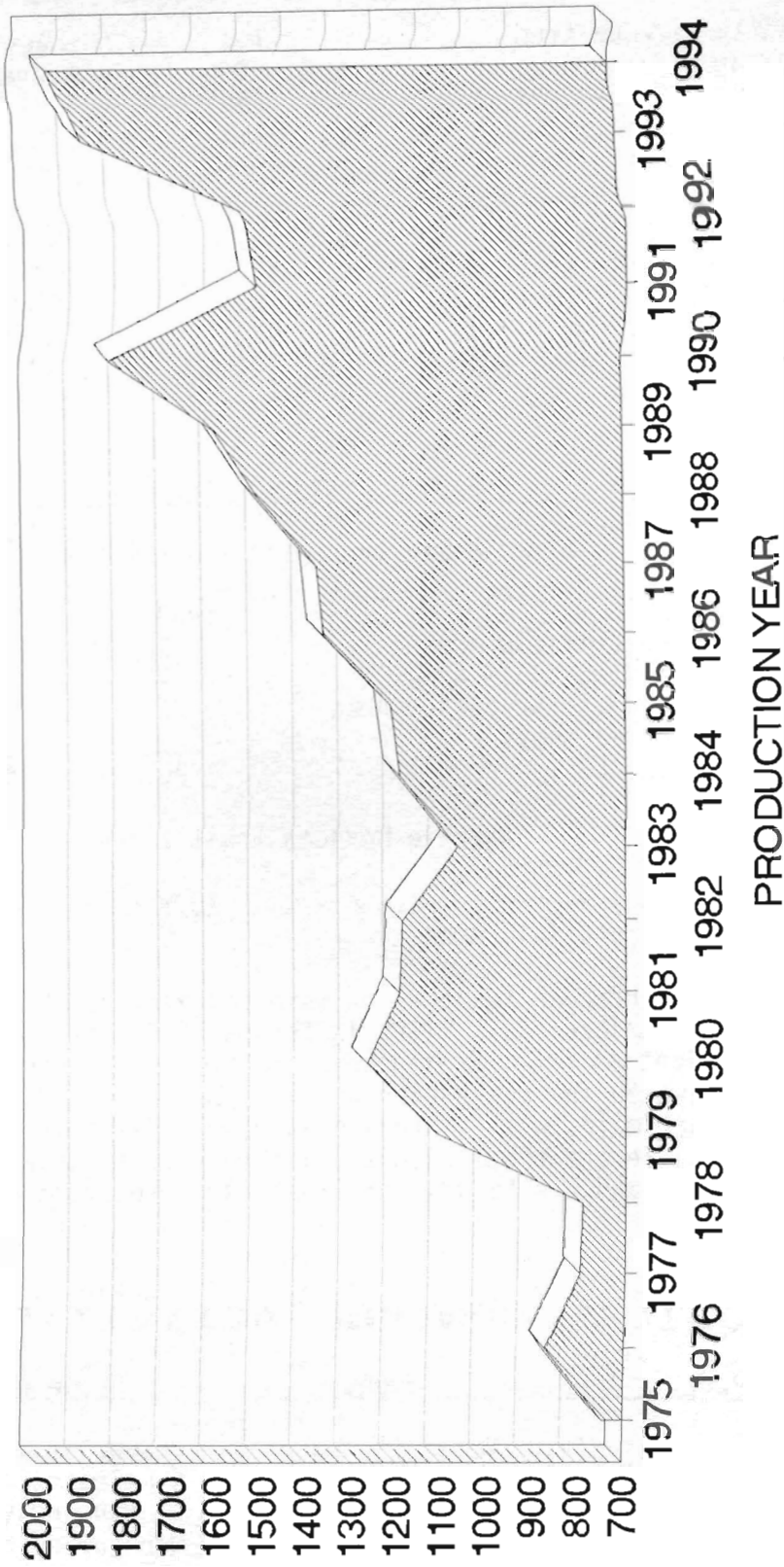
CROP	NUMBER OF FARMS	ESTIMATED ACRES
Citrus	*	154
Grapes	6	2,903
Field Crops	*	167
Melons	*	43
Mixed Vegetables	4	1,125
Other Fruit & Nut	*	239
Stone Fruit	*	49

\* Fewer than 4 growers

# KERN COUNTY TOTAL CROP VALUE

A 20 YEAR COMPARISON

Millions of Dollars



## PEST DETECTION INSECT TRAPPING - 1994

<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

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

#### Sterile Mexican fruit flies

	<b>1993</b>	<b>1994</b>
Bakersfield Area	0	8

The sterile Mediterranean fruit flies were released in the Los Angeles basin and the sterile Mexican fruit flies in the San Diego area as part of the fruit fly eradication program in these regions. They migrated to Kern County after being released in quarantine areas to mate with wild fruit flies. A wild female which mates with a sterile male will lay infertile eggs. By saturating the infested area with sterile flies, fewer wild flies will be able to reproduce and eventually the fruit fly population will die out.

## BIOLOGICAL CONTROL ACTIVITIES - 1994

<u>Pest</u>	<u>Agent</u>	<u>Scope of Program</u>
Silverleaf Whitefly <u>Bemisia tabaci</u>	Parasitic Wasp <u>Eretmocerus sp.</u>	5 Species Released 5 Releases 73,000 Individuals Total Monitoring of Population
	Parasitic Wasp <u>Encarsia sp.</u>	1 Species Released 5 Releases 5,500 Individuals Total Monitoring of Population

## PEST ERADICATION - 1994

<u>PEST</u>	<u>MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
Pink Bollworm <u>Pectinophora gossypiella</u>	Trapping* Sterile Release* Plowdown	113 Native Moths Detected 1,954 Fields 291,013 Acres
Dalmatian Toadflax <u>Linaria dalmatica</u>	Hand hoe	79.0 hours
Halogeton <u>Halogeton glomeratus</u>	Survey	24.0 hours
Scotch Thistle <u>Onopordum acanthium</u>	Survey	3.0 hours

\*Cooperative Pink Bollworm Project

## PEST EXCLUSION - 1994

<u>INTERCEPTION*</u>	<u>PATHWAY</u>
Live Pests	6 Post Office
Noxious Weeds	1 Post Office
Improper Certification	32 Post Office
Labelling	8 Post Office
Live Pest	9 Parcel Post
Improper Certification	4 Parcel Post
Labelling	4 Parcel Post
Noxious Weeds	1 Truck

\*Kern County intercepted 2 "A" rated and 3 "Q" rated pests in 1994.

## **AGRICULTURAL COMMISSIONER**

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## **ASSISTANT AGRICULTURAL COMMISSIONER**

Louie I. Cervantes

## **DEPUTY AGRICULTURAL COMMISSIONERS**

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David J. Moore

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David S. Daoud

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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.

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Data Entry Operator II

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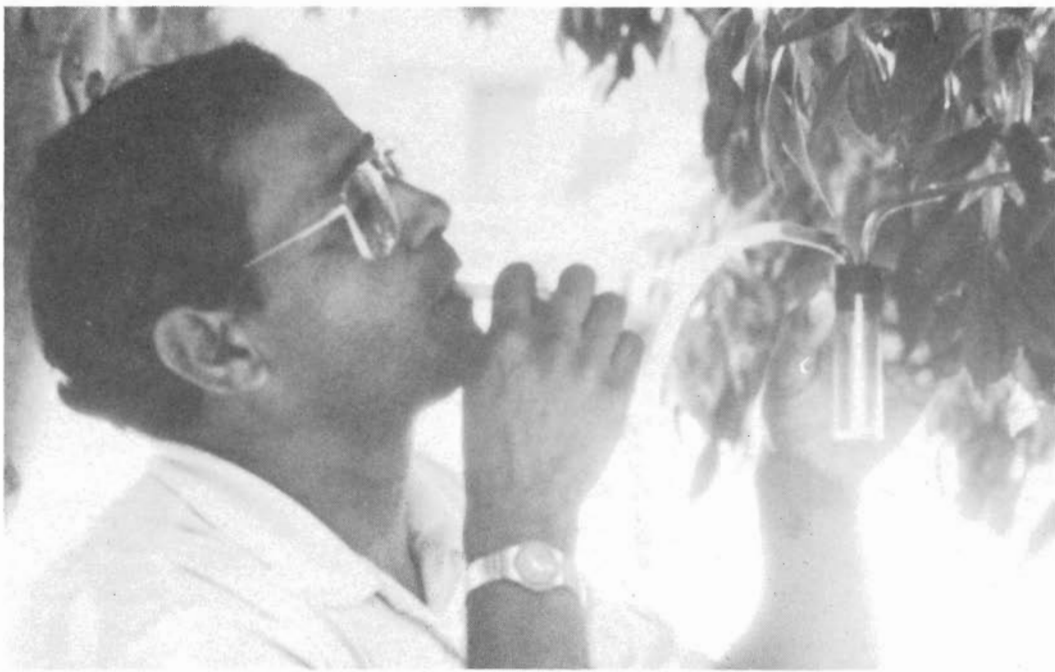
Kathryn F. Miller

Account Clerk III

Elizabeth A. Hall

Account Clerk II





**Dr. David Daoud**  
**1939 - 1994**

The 1994 Kern County Crop Report is dedicated to Dr. David Daoud. David's dedication to agriculture and his professionalism as the Kern County Staff Biologist are missed. David was instrumental in battling the Ash Whitefly and worked with state and federal officials to control the Silverleaf Whitefly. In addition to working on whiteflies, David supervised the County's Exotic Pest Detection Trapping Program and was also involved in several biological control programs throughout the county. He was a recognized expert on the Pink Bollworm and Africanized honeybee. David loved children and Entomology. He combined his good natured personality with his professional background to help children learn about bugs. Thousands of children attending the Kern County Farm Day would sit poised on his every word as he explained about the medfly, honeybees, and beneficial insects. David immigrated to the United States in 1975. He held undergraduate degrees from the University of Cairo and earned a Doctorate in Biology from the Czechoslovak Academy of Science in Prague. He began working for the County in 1978. David's passing is a great loss to Kern County agriculture. His contributions will continue to benefit agriculture far into the future.

**Crop Report Compiled By:**  
Mark R. Sabin  
Agricultural Biologist III  
&  
Gary A. Klawitter  
Agricultural Biologist III

**ACKNOWLEDGEMENT:**

Our sincerest thanks to all the individuals and firms without whose cooperation this report would not have been possible.