



CROP REPORT COVER

Can you recognize these tools of the agriculture inspector trade? Some haven't been used in years, some have been replaced with updated equipment, and others are still widely used. The two photos are of a potato inspector, circa 1940, and the DiGiorgio grape shed, circa 1940. Above, some more recent tools of the trade.

Crop Report Compiled by:

Jacquelyn Bressler
Agricultural Biologist III

&

Mark Sabin
Agricultural Biologist I

ACKNOWLEDGEMENT:

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

DEPARTMENT OF AGRICULTURE

1001 South Mount Vernon Avenue, Bakersfield, California 93307
(805) 861-2306 FAX (805) 397-5097

THEODORE K. DAVIS
Agricultural Commissioner



LOUIE I. CERVANTES
Assistant Commissioner

JACK E. MARKS
Deputy Commissioner

DAVID J. MOORE
Deputy Commissioner

1992

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

I am pleased to submit the 1992 Agricultural Crop Report, which was compiled in accordance with Section 2279 of the California Food and Agriculture Code.

This year's report reflects an up turn from the depressed value for 1991 as a result of the December 1990 freeze and the long standing drought. The 1992 total value is \$1,547,215,000; up by 1.7% over 1991.

Cotton, again, returned to the top as the number one crop with a 32% increase over 1991. This is attributable to a lessening of the drought and increased production. The biggest increase in value occurred in watermelons, with 104% increase. Acreage, production, and price were all up for watermelons. Citrus recovered somewhat from the freeze with an increase of 31%; however, only 60% of the citrus acreage was harvested in 1992. The remainder of the acreage was still recovering from the freeze.

Potatoes and lettuce showed the greatest decline, 52% and 47% respectively. Acreage, production and price were down.

Mother nature has done her part in relieving the affects of the drought; however, the issue of adequate and dependable distribution of water is critical to the full recovery of the agricultural economy of Kern County.

These figures represent a GROSS receipt of producers and DOES 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 that reads "Theodore K. Davis".

Theodore K. Davis
Agricultural Commissioner

TKD:sc

Top Twenty Crops	1
Permanent Acreage	2
Field Crops	4
Industrial Crops	5
Seed Crops	5
Fruit and Nut Crops	6
Vegetable Crops	8
Nursery Crops	10
Livestock and Poultry	10
Livestock and Poultry Products	11
January 1st Inventories of Livestock	11
Apiary Products	11
Summary 1992	12
1992 Crop Value Graphs	13
Pest Detection	14
Biological Control Activities	14
Pest Eradication	15
Pest Exclusion	15
Top 10 Exported Commodities	15
Countries Exported To	16
1992 Organic Farming	17
50 Years Ago	17
Kern County Agricultural Commissioner's Office Personnel	18

1. Cotton, Including Cottonseed	\$ 304,761,000
2. Grapes	294,961,000
3. Almonds, Including By-products	116,706,000
4. Carrots, Fresh and Processed	104,382,000
5. Pistachios	88,630,000
6. Citrus, Including Processed	88,464,000
7. Milk, Market	62,796,000
8. Nursery Crops	58,191,000
9. Hay, Alfalfa	51,369,000
10. Apples, Fresh and Processed	46,634,000
11. Potatoes, Fresh and Processed	42,240,000
12. Onions, Fresh & Dehydrator	22,301,000
13. Cattle and Calves	21,928,000
14. Garlic, Fresh and Dehydrator	21,000,000
15. Watermelons	18,218,000
16. Lettuce, Head	15,728,000
17. Tomatoes, Fresh and Processed	14,616,000
18. Plums	12,420,000
19. Sheep and Lambs	11,873,000
20. Pasture, Range	11,282,000

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON BEARING</u>	<u>TOTAL</u>
Almonds	1992	69,474	6,470	75,944
	1991	66,811	8,250	75,061
Apples	1992	4,983	107	5,090
	1991	4,663	318	4,981
Apricots	1992	572	97	669
	1991	560	139	699
Cherries	1992	44	141	185
	1991	64	31	95
Figs	1992	478	-0-	478
	1991	477	-0-	477
Grapefruit	1992	743	356	1,099
	1991	1,330	299	1,629
GRAPES, All	1992	72,984	3,753	76,737
	1991	72,763	5,404	78,167
Raisin	1992	26,995	1,448	28,443
	1991	26,276	1,238	27,514
Table	1992	20,798	2,299	23,097
	1991	19,899	3,463	23,362
Wine	1992	25,191	6	25,197
	1991	26,588	703	27,291
Jojoba	1992	171	-0-	171
	1991	784	263	1,047
Kiwi	1992	632	-0-	632
	1991	727	-0-	727
Lemons	1992	3,376	97	3,473
	1991	3,202	96	3,298
Nectarines	1992	1,742	572	2,314
	1991	1,572	823	2,395
Olives	1992	2,188	41	2,229
	1991	2,577	41	2,618
ORANGES, All	1992	29,250	6,654	35,904
	1991	29,124	7,031	36,155
Navel	1992	21,383	3,886	25,269
	1991	21,437	3,918	25,355
Valencia	1992	6,696	2,629	9,325
	1991	6,503	2,948	9,451

<u>CROP</u>	<u>YEAR</u>	<u>BEARING</u>	<u>NON BEARING</u>	<u>TOTAL</u>
Tangerines & Tangelos	1992	1,171	139	1,310
	1991	1,184	165	1,349
Peaches	1992	1,957	509	2,466
	1991	1,946	386	2,332
Pears	1992	194	254	448
	1991	113	331	444
Pecans	1992	706	12	718
	1991	706	12	718
Persimmons	1992	103	29	132
	1991	98	34	132
Pistachios	1992	18,739	7,107	25,846
	1991	19,075	7,437	26,512
Plums	1992	3,094	73	3,167
	1991	3,271	97	3,368
Pomegranates	1992	356	149	505
	1991	470	145	615
Prunes	1992	118	-0-	118
	1991	118	-0-	118
Walnuts	1992	1,502	17	1,519
	1991	1,573	64	1,637
Misc.*	1992	17	64	81
	1991	26	72	98
TOTALS	1992	213,423	26,502	239,925
	1991	212,050	31,273	243,323

* Includes: Guava/Feijoa, Kumquat, Loquat and Plumcot

CROP	YEAR	HARVESTED ACRES	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	UNIT VALUE	TOTAL VALUE
Barley	1992	11,667	1.03	12,000	Ton	\$ 108.00	\$ 1,292,000
	1991	8,336	2.10	17,500	Ton	121.00	2,118,000
Beans, Dry Edible	1992	6,510	1.36	8,880	Ton	494.00	4,384,000
	1991	11,031	1.23	13,500	Ton	437.00	5,901,000
Cotton Lint, Acala	1992	223,666	a/1406	b/629,000	Bale	c/ .69	217,142,000
	1991	208,632	a/1256	b/524,000	Bale	c/ .70	181,974,000
Cotton Lint, Pima	1992	47,575	a/1378	b/131,000	Bale	c/ .78	51,128,000
	1991	15,687	a/ 921	b/ 28,900	Bale	c/ .99	14,288,000
Cottonseed, Processing	1992	---	---	255,000	Ton	143.00	36,491,000
	1991	---	---	221,000	Ton	158.00	34,951,000
Hay, Alfalfa	1992	87,784	7.72	678,000	Ton	75.80	51,369,000
	1991	109,033	8.18	892,000	Ton	74.40	66,321,000
Hay, Grain	1992	18,000	2.36	42,500	Ton	62.10	2,638,000
	1991	26,400	2.67	70,500	Ton	46.90	3,306,000
Hay, Other	1992	10,000	6.00	60,000	Ton	60.00	3,600,000
	1991	13,500	6.04	81,500	Ton	76.70	6,254,000
Pasture, Irrigated	1992	6,000	---	---	Acre	112.00	672,000
	1991	6,000	---	---	Acre	112.00	672,000
Pasture, Other	1992	---	---	---	---	---	2,593,000
	1991	---	---	---	---	---	2,031,000
Pasture, Range	1992	2,256,398	---	---	Acre	5.00	11,282,000
	1991	2,236,447	---	---	Acre	6.00	13,419,000
Safflower	1992	8,019	.45	3,610	Ton	312.00	1,126,000
	1991	6,625	1.04	6,900	Ton	265.00	1,828,000
Silage & Forage	1992	10,000	20.70	207,000	Ton	16.70	3,454,000
	1991	14,000	16.58	232,000	Ton	15.70	3,635,000
Sugar Beets	1992	9,680	29.10	282,000	Ton	35.00	9,863,000
	1991	8,847	24.20	214,000	Ton	37.30	7,975,000
Wheat	1992	19,822	2.52	50,000	Ton	121.00	6,044,000
	1991	12,212	2.61	31,900	Ton	110.00	3,506,000
Misc.	d/1992	---	---	---	---	---	408,000
	d/1991	---	---	---	---	---	267,000
TOTALS	1992	458,723	---	---	---	---	\$ 403,486,000
	1991	440,303	---	---	---	---	348,446,000

a/Pounds Lint Per Acre

b/500 Pounds Net Weight Bale

c/Price Per Pound

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

<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, Raw Material:							
	1992	---	---	135,000	Ton \$	28.60	\$ 3,865,000
	1991	---	---	176,000	Ton	31.30	5,513,000
Timber a/	1992	---	---	7,400,000	Brd.Ft.	---	843,000
	1991	---	---	2,509,000	Brd.Ft.	---	295,000
Wood for Fuel	1992	---	---	3,180	Cord b/	11.90	38,000
	1991	---	---	3,090	Cord b/	9.71	30,000
TOTALS	1992	---	---	---	---	---	\$ 4,746,000
	1991	---	---	---	---	---	5,838,000

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.

SEED CROPS - 1992

<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	1992	21,181	---	14,000	Ton b/	\$187.00	\$2,614,000
	1991	16,663	---	11,500	Ton	183.00	2,107,000
Field c/	1992	14,408	---	39,600	Ton	---	5,546,000
	1991	16,295	---	40,600	Ton	---	6,288,000
Vegetable d/	1992	138	---	89	Ton	---	434,000
	1991	346	---	2,760	Ton	---	1,331,000
TOTALS	1992	a/14,546	---	53,689	Ton	---	\$ 8,594,000
	1991	16,641	---	54,860	Ton	---	9,726,000

a/ Does not include cotton acreage.

b/ Includes: \$30.00 per acre approval.

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

d/ Includes: Beans, Lettuce, Mustard, and Onions.

<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*	1992	69,474	.67	46,600	Ton \$2,370.00	\$ 110,318,000	
	1991	66,811	.79	52,800	Ton 2,320.00		122,452,000
Almond By-Products	1992	---	---	105,400	Ton 61.00		6,388,000
	1991	---	---	118,000	Ton 65.50		7,732,000
APPLES, All*	1992	4,983	24.10	120,000	Ton ---		46,634,000
	1991	4,663	18.10	84,400	Ton ---		44,068,000
Fresh	1992	---	---	82,700	Ton 532.00		44,006,000
	1991	---	---	58,300	Ton 692.00		40,367,000
Proc.	1992	---	---	37,300	Ton 70.50		2,628,000
	1991	---	---	26,100	Ton 142.00		3,701,000
Apricot	1992	572	4.13	2,360	Ton 770.00		1,817,000
	1991	560	4.70	2,630	Ton 1,370.00		3,609,000
CITRUS, All	1992	22,197	11.79	261,700	Ton ---		88,464,000
	1991	21,437	6.88	147,400	Ton ---		67,452,000
Grapefruit	1992	743	28.90	21,500	Ton 346.00		7,433,000
	1991	---	---	---	Ton ---		---
Lemons	1992	3,376	1.48	5,000	Ton 642.00		3,208,000
	1991	---	---	---	Ton ---		---
Oranges, Navel	1992****	11,921	8.72	104,000	Ton 446.00		46,347,000
	1991	21,437	5.50	118,000	Ton 547.00		64,512,000
Oranges, Valencia	1992****	4,986	10.70	53,500	Ton 344.00		18,413,000
	1991	---	---	---	Ton ---		---
Tangerine & Tangelo	1992	1,171	15.60	18,300	Ton 564.00		10,321,000
	1991	---	---	---	Ton ---		---
Proc., All Citrus	1992	---	---	59,400	Ton 46.20		2,742,000
	1991	---	---	29,400	Ton 100.00		2,940,000
GRAPES, All	1992	72,984	8.83	644,380	Ton ---		294,961,000
	1991	72,763	6.97	507,400	Ton ---		252,031,000
Raisin <u>Variety</u>	1992	26,995	8.54	230,430	Ton ---		109,803,000
	1991	26,276	5.96	156,500	Ton ---		93,986,000
Fresh Market	1992	---	---	99,100	Ton 748.00		74,159,000
	1991	---	---	86,200	Ton 855.00		73,718,000
**Raisins Dry Wgt.	1992	---	---	14,100	Ton 888.00		12,516,000
	1991	---	---	10,500	Ton 992.00		10,419,000
Proc.	1992	---	---	10,400	Ton 236.00		2,459,000
	1991	---	---	12,800	Ton 222.00		2,846,000
Crushed	1992	---	---	106,000	Ton 191.00		20,277,000
	1991	---	---	47,000	Ton 149.00		7,003,000

<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>
Juice	1992	---	---	830	Ton	\$ 472.00	\$ 392,000
	1991	---	---	---	Ton	---	---
Table <u>Variety</u>	1992	20,798	9.38	195,200	Ton	\$ ---	136,067,000
	1991	19,899	7.13	141,900	Ton	---	121,186,000
Fresh Market	1992	---	---	145,000	Ton	876.00	127,028,000
	1991	---	---	120,000	Ton	985.00	118,235,000
Crushed	1992	---	---	47,700	Ton	172.00	8,196,000
	1991	---	---	21,900	Ton	135.00	2,951,000
Raisin	1992	---	---	2,500	Ton	337.00	843,000
	1991	---	---	---	Ton	---	---
Wine <u>Variety</u>	1992	25,191	8.68	218,750	Ton	---	49,091,000
	1991	26,588	7.86	209,000	Ton	---	36,859,000
Crushed	1992	---	---	211,000	Ton	213.00	44,985,000
	1991	---	---	196,000	Ton	158.00	30,971,000
Juice	1992	---	---	7,750	Ton	530.00	4,106,000
	1991	---	---	13,000	Ton	453.00	5,888,000
Kiwi*	1992	632	9.26	5,850	Ton	1,314.00	7,684,000
	1991	727	4.04	2,940	Ton	1,785.00	5,249,000
Nectarines*	1992	1,742	6.54	11,400	Ton	794.00	9,052,000
	1991	1,572	7.06	11,100	Ton	799.00	8,865,000
Olives	1992	2,188	2.38	5,200	Ton	609.00	3,166,000
	1991	2,577	.19	500	Ton	762.00	381,000
Peaches	1992	1,957	6.75	13,200	Ton	723.00	9,538,000
	1991	1,946	10.10	19,700	Ton	906.00	17,847,000
Pistachios*	1992	18,739	2.04	38,300	Ton	2,310.00	88,630,000
	1991	19,075	1.12	21,300	Ton	2,640.00	56,309,000
Plums*	1992	3,094	7.43	23,000	Ton	540.00	12,420,000
	1991	3,271	7.00	22,900	Ton	854.00	19,554,000
Walnuts*	1992	1,502	1.03	1,550	Ton	1,280.00	1,980,000
	1991	1,573	1.94	3,050	Ton	1,100.00	3,369,000
Misc.***	1992	2,200	---	5,820	Ton	---	7,276,000
	1991	3,056	---	4,340	Ton	---	5,388,000
TOTALS	1992	202,264	---	1,284,760	Ton	---	\$ 688,328,000
	1991	209,757	---	998,460	Ton	---	614,306,000

*Includes production from young orchards officially classified as non-bearing. Almond production stated in terms of Nut Meat Equivalents. Pistachio and Walnut production stated in terms of In-shell Equivalents.

**A combined value reflecting free tonnage and reserve tonnage. Total production includes raisins on a Fresh Equivalent Basis.

Dry Ratio: 1991 - 4.64 to 1 1992 - 4.10 to 1

***Includes: Bushberries, Cherry, Figs (Fresh)(Dry), Guava/Feijoa, Jojoba, Pecan, All Pears, Persimmon, Pomegranate, Prune and Strawberries.

****40% of the bearing orange acreage not harvested because the trees have not yet recovered enough from the 90-91 season freeze.

<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>
Asparagus	1992	840	1.18	991	Ton	\$1,963.00	\$ 1,945,000
	1991	693	1.57	1,090	Ton	1,772.00	1,932,000
Cantaloupes	1992	2,887	12.60	36,500	Ton	237.00	8,655,000
	1991	2,356	7.30	17,200	Ton	168.00	2,897,000
CARROTS, All	1992	44,822	27.90	1,250,000	Ton	---	104,382,000
	1991	35,000	28.50	996,000	Ton	---	145,599,000
Fresh Mkt.	1992	---	---	750,000	Ton	121.00	90,789,000
	1991	---	---	598,000	Ton	230.00	137,414,000
Proc. & Other	1992	---	---	500,000	Ton	27.20	13,593,000
	1991	---	---	398,000	Ton	20.60	8,185,000
Corn, Sweet	1992	1,211	6.57	7,960	Ton	192.00	1,528,000
	1991	1,067	7.36	7,850	Ton	209.00	1,641,000
Garlic, Dehydrator	1992	1,948	8.32	16,200	Ton	146.00	2,366,000
	1991	1,374	10.70	14,600	Ton	144.00	2,107,000
Garlic, Fresh	1992	2,286	7.39	16,900	Ton	1,100.00	18,634,000
	1991	1,615	9.16	14,800	Ton	1,100.00	16,237,000
<u>Lettuce, Head</u>	1992	6,598	13.70	90,200	Ton	---	15,728,000
Naked Pack	---	---	---	74,800	Ton	172.00	12,839,000
	Wrapped Pack	---	---	6,000	Ton	191.00	1,145,000
	Bulk Shredder	---	---	9,400	Ton	186.00	1,744,000
<u>Lettuce, Head</u>	1991	6,647	19.78	131,490	Ton	---	29,923,000
Naked Pack	---	---	---	101,000	Ton	243.00	24,509,000
	Wrapped Pack	---	---	8,790	Ton	263.00	2,310,000
	Bulk Shredder	---	---	21,700	Ton	143.00	3,104,000
Melons, Other	1992	1,170	9.23	10,800	Ton	231.00	2,495,000
	1991	1,225	5.68	6,960	Ton	661.00	4,604,000
Onions, Fresh	1992	1,901	29.70	56,500	Ton	236.00	13,325,000
	1991	5,000	23.00	115,000	Ton	195.00	22,386,000
Onions, Dehydrator	1992	6,373	18.20	116,000	Ton	77.40	8,976,000
	1991	6,887	18.20	125,000	Ton	77.50	9,683,000
Peppers, Bell	1992	1,281	18.10	23,200	Ton	370.00	8,579,000
	1991	1,716	13.40	22,900	Ton	752.00	17,223,000

<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	1992	18,507	17.80	329,300	Ton	---	42,240,000
	1991	22,619	20.20	456,900	Ton	---	88,060,000
Spring <u>Total</u>	1992	16,289	19.40	316,100	Ton	---	40,142,000
	1991	19,658	22.40	440,400	Ton	---	83,971,000
Fresh Market	1992	---	---	267,000	Ton	136.00	36,306,000
	1991	---	---	323,000	Ton	227.00	73,245,000
Proc.	1992	---	---	27,700	Ton	130.00	3,601,000
	1991	---	---	91,600	Ton	114.00	10,442,000
Culls	1992	---	---	21,400	Ton	11.00	235,000
	1991	---	---	25,800	Ton	11.00	284,000
Winter <u>Total</u>	1992	2,218	5.95	13,200	Ton	---	2,098,000
	1991	2,961	5.57	16,500	Ton	---	4,089,400
Fresh Market	1992	---	---	12,200	Ton	171.00	2,087,000
	1991	---	---	15,300	Ton	266.00	4,076,000
Culls	1992	---	---	1,000	Ton	11.00	11,000
	1991	---	---	1,200	Ton	11.20	13,400
Tomatoes, Fresh	1992	1,665	17.60	29,300	Ton	351.00	10,286,000
	1991	Misc.	---	---	---	---	---
Tomatoes, Processing	1992	2,416	38.80	93,700	Ton	46.20	4,330,000
	1991	4,100	34.80	142,500	Ton	54.00	7,695,000
Turnips	1992	891	4.73	4,210	Ton	308.00	1,298,000
	1991	781	5.10	3,980	Ton	232.00	922,000
Watermelons	1992	3,806	26.30	100,000	Ton	182.00	18,218,000
	1991	3,484	23.00	75,000	Ton	119.00	8,930,000
Misc.*	1992	4,024	---	27,800	Ton	---	8,098,000
	1991	5,268	---	62,100	Ton	---	25,439,000
TOTALS	1992	102,626	---	2,210,561	Ton	---	\$ 271,083,000
	1991	99,832	---	2,193,370	Ton	---	385,278,000

*Includes: Beans (snap), Broccoli, Cabbage, Cauliflower, Chinese Greens, Cucumber, Kale, Leaf Lettuce, Lemongrass, Mustard, Napa Cabbage, Okra, Parsnip, Peas, Peppers (Chili & Processing), Pumpkin, Radishes, Red Beets, Rutabaga, Spinach, Squash, Sweet Potatoes, Swiss Chard.

<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	1992	---	---	15,000	Tree	\$ ---	\$ 270,000
	1991	---	---	10,900	Tree	---	215,000
Fruit, Nut* & Orn. Trees	1992	247	---	3,568,000	Plnt.	---	10,781,000
& Vines	1991	271	---	2,883,000	Plnt.	---	12,001,000
Rose Plnts.	1992	1,887	---	32,812,000	Plnt.	1.14	37,515,000
	1991	2,033	---	33,119,000	Plnt.	1.12	37,093,000
Plnt., Prop. Mat. & Cut Flowers**	1992	---	---	---	---	---	4,002,000
	1991	---	---	---	---	---	5,434,000
Turf	1992	587	---	25,549,000	Sq.Ft.	.22	5,623,000
	1991	777	---	33,846,000	Sq.Ft.	.22	7,385,000
TOTALS	1992	2,721	---	---	---	---	\$ 58,191,000
	1991	3,081	---	---	---	---	62,128,000

*Includes container grown plants.

**Total Value includes Greenhouse production.

LIVESTOCK AND POULTRY - 1992

<u>KIND</u>	<u>YEAR</u>	<u>NO. OF HEAD</u>	<u>TOTAL LIVEWEIGHT</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Cattle & Calves	1992	41,900	371,000	Cwt.	\$ 59.10	\$ 21,928,000
	1991	35,000	277,300	Cwt.	64.10	17,774,000
Sheep & Lambs	1992	164,070	183,460	Cwt.	64.70	11,873,000
	1991	175,000	195,500	Cwt.	57.60	11,252,000
Hogs	1992	4,200	9,240	Cwt.	47.10	435,000
	1991	3,500	7,700	Cwt.	57.90	446,000
Broilers & Roasters	1992	512,000	3,196,000	lb.	.42	1,338,000
	1991	784,000	5,878,000	lb.	.40	2,351,000
Ostrich*	1992	60	---	Each	3,750.00	225,000
	1991	55	---	Each	2,855.00	157,000
Misc.**	1992	---	---	---	---	208,000
	1991	---	---	---	---	128,000
TOTALS	1992	---	---	---	---	\$ 36,007,000
	1991	---	---	---	---	32,108,000

*Includes breeders

**Miscellaneous Includes: Fish, Game Birds for meat, and Other.

<u>PRODUCT</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Milk Market	1992	5,518,000	Cwt.	\$ 11.40	\$ 62,796,000
	1991	4,685,000	Cwt.	10.90	51,251,000
Mfg.	1992	7,160	Cwt.	10.90	78,000
	1991	6,000	Cwt.	10.20	61,000
Wool	1992	1,908,000	lb.	.70	1,336,000
	1991	1,990,000	lb.	.55	1,096,000
Other Livestock Products	1992	---	---	---	5,592,000
	1991	---	---	---	5,180,000
TOTALS	1992	---	---	---	\$ 69,802,000
	1991	---	---	---	57,588,000

JANUARY 1st INVENTORIES
LIVESTOCK
1992 - 1993

I T E M

*All Cattle and Calves

January	1, 1992	January
	168,000**	1, 1993

*Cattle on Feed

	46,000	
--	--------	--

*Milk Cows, Two Years and Over

	18,000	
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*Stock Sheep and Lambs

	126,000**	
--	-----------	--

*Hogs

	2,000	
--	-------	--

*Estimates of California Crop and Livestock Reporting Service

**Revised

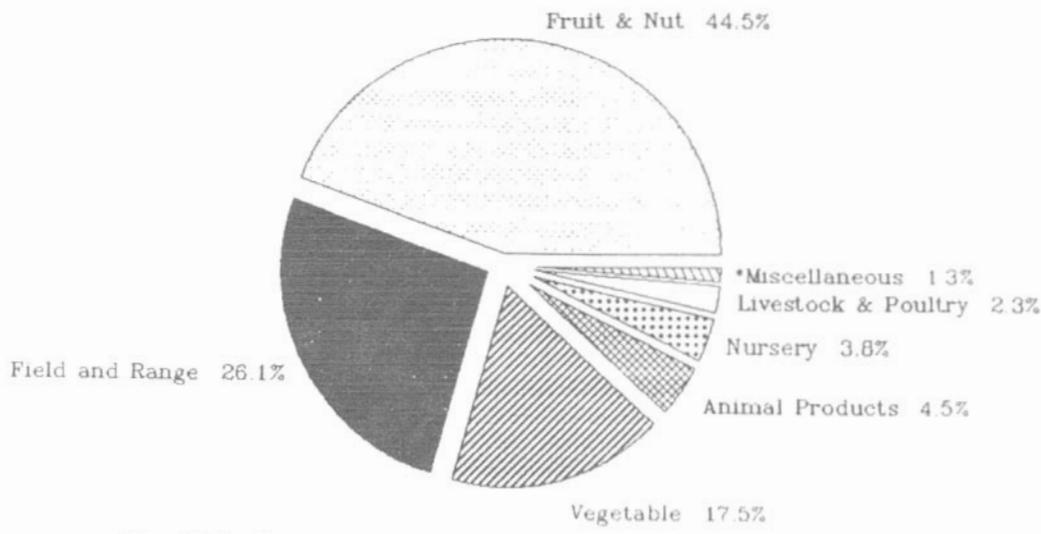
APIARY PRODUCTS - 1992

<u>PRODUCT</u>	<u>YEAR</u>	<u>TOTAL PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
Honey	1992	625,000	lb.	\$.46	\$ 288,000
	1991	750,000	lb.	.52	390,000
Beeswax	1992	30,200	lb.	1.06	32,000
	1991	30,200	lb.	1.16	35,000
Pollination	1992	198,000	Colony	33.10	6,544,000
	1991	203,000	Colony	28.00	5,684,000
Other Apiary Products	1992	---	---	---	114,000
	1991	---	---	---	15,000
TOTALS	1992	---	---	---	\$ 6,978,000
	1991	---	---	---	6,124,000

<u>COMMODITY</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>RANGE</u>	<u>ESTIMATED VALUE</u>
Field Crops & Rangeland	1992	458,723	2,256,398	\$ 403,486,000
	1991	440,303	2,236,447	348,446,000
Industrial Crops	1992	---	---	4,746,000
	1991	---	---	5,838,000
Seed Crops	1992	14,546	---	8,594,000
	1991	16,641	---	9,726,000
Fruit & Nut Crops	1992	202,264	---	688,328,000
	1991	209,757	---	614,306,000
Vegetable Crops	1992	102,626	---	271,083,000
	1991	99,832	---	385,278,000
Nursery Crops	1992	2,721	---	58,191,000
	1991	3,081	---	62,128,000
Livestock & Poultry	1992	---	---	36,007,000
	1991	---	---	32,108,000
Livestock & Poultry Products	1992	---	---	69,802,000
	1991	---	---	57,588,000
Apiary Products	1992	---	---	6,978,000
	1991	---	---	6,124,000
TOTALS	1992	780,880	2,256,398	\$1,547,215,000
	1991	769,614	2,236,447	1,521,542,000
Total Without Timber	1992			\$1,546,372,000
	1991			<u>1,521,247,000</u>

1992 CROP VALUE

\$1,547,215,000

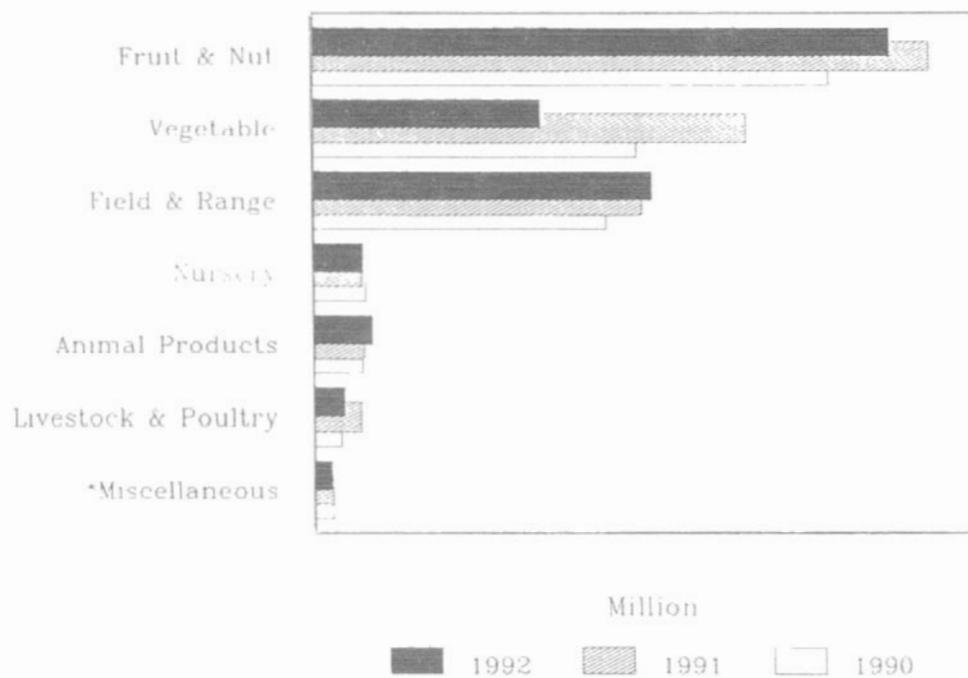


% OF TOTAL VALUE BY CATEGORY

*Miscellaneous: Industrial, Seed, Apiary

VALUE COMPARISON

1992 - 1991 - 1990



*Miscellaneous: Industrial, Seed, Apiary

<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
Bollweevil Scout Trap	200	High Hazard Areas
Khapra Beetle Trogotrap	95	High Hazard Areas
European Corn Borer Trap	20	High Hazard Areas
European Pine Shoot Moth	10	Nurseries

BIOLOGICAL CONTROL ACTIVITIES IN KERN COUNTY

<u>Pest</u>	<u>Agent</u>	<u>Scope of Program</u>
Ash Whitefly <u>Siphoninus phillyreae</u>	Parasitic Wasp <u>Encarsia partenopea</u>	Ongoing monitoring of population. Ash whitefly has been brought under control and is no longer a problem.
Yellow Star Thistle <u>Centaurea solstitialis</u>	Seed Head Weevil <u>Bangasternus orientalis</u>	5 Releases, survey and Relocation.
Silverleaf Whitefly <u>Bemisia tabaci</u>	Lady Beetle <u>Delphastus pusillus</u>	3 Releases*

*Three thousand lady beetles, Delphastus pusillus, were released in Kern County in the late summer of 1992 to study the beetle's ability to survive and adapt to the low temperatures in the winter. The Delphastus lady beetle is a natural predator of the silverleaf whitefly, both the adults and the larvae feed on different stages of the whitefly. Results of population monitoring and study showed that the lady beetle survived the San Joaquin cold winter and overwintered in the adult stage. Further releases of the predator will take place in Kern County in the spring and summer of 1993, to control the silverleaf whitefly.

Pest	Mechanism	Scope of Program
Pink Bollworm <u>Pectinophora gossypiella</u>	Trapping Sterile Release Plowdown	4,769 Fields 271,241 Acres 68 Native Moths Detected
Halogenon <u>Halogenon glomeratus</u>	Hand hoe Survey	23 hours
Dalmatian Toadflax <u>Linaria dalmatica</u>	Hand hoe	14 hours
Scotch Thistle <u>Onopordum acanthium</u>	Hand hoe	2.5 hours
Camelthorn <u>Alhagi camelorum</u>	Survey	2 hours

PEST EXCLUSION

Interception*		Pathway
Live Pests	22	Post Office
Improper Certification	53	Post Office
Other	28	Post Office
Live Pests	3	Parcel Post
Noxious Weeds	2	Parcel Post
Improper Certification	22	Parcel Post
Other	3	Parcel Post
Live Pests	14	Air
Improper Certification	9	Air
Other	1	Air
Live Pests	4	Bus
Noxious Weeds	1	Bus
Improper Certification	4	Bus
Other	1	Bus
Live Pests	6	Truck
Noxious Weeds	2	Truck
Improper Certification	1	Truck
Other	1	Truck

*There were 5 "A" rated, 5 "B" rated and 11 "Q" rated pests intercepted.

Albania	Great Britain	Papua New Guinea
American Samoa	Greece	People's Republic of China
Andorra	Guadeloupe	Peru
Argentina	Guam	Phillipines
Australia	Guatemala	Portugal
Austria	Guyana	Puerto Rico
Bahamas	Honduras	Qatar
Bahrain	Hong Kong	Republic of Korea
Bangladesh	Iceland	Republic of Yemen
Barbados	India	Romania
Belgium	Indonesia	Saudi Arabia
Belize	Ireland	Seychelles
Bermuda	Israel	Singapore
Bolivia	Italy	South Africa
Bulgaria	Jamaica	Spain
Canada	Japan	Sri Lanka
Chile	Jordan	Sweden
Columbia	Kenya	Switzerland
Costa Rica	Kuwait	Syria
Cote d'Ivoire	Luxembourg	Taiwan
Cyprus	Malaysia	Thailand
Czechoslovakia	Martinique	Trinidad and Tobago
Dominican Republic	Mauritius	Tunisia
Ecuador	Mexico	Turkey
Egypt	Morocco	United Arab Emirates
El Salvador	Netherlands	United Kingdom
Ethiopia	New Caledonia	Uruguay
Federal Republic of Germany	New Zealand	Venezuela
Fiji	Nicaragua	Virgin Islands
Finland	Norway	Western Samoa
France	Oman	Zimbabwe
French Polynesia	Panama	

TOP TEN EXPORTED COMMODITIES*

Almonds	Grapes
Apples	Nursery Stock
Blackeyes	Oranges
Carrots	Pistachios
Cotton	Potatoes

*Listed alphabetically

Crop	Number of Farms	Estimated Acres
Almonds	1	7
Apples & Pears	4	159
Carrots	2	1,260
Citrus	1	154
Cotton	2	260
Grapes	7	2,610
Lemongrass	1	10
Melons, All	2	33
Mixed Vegetables	5	418
Persimmons	1	10
Pomegranates	1	75
Potatoes	2	172
Stone Fruits	4	48
Wheat	1	151

50 YEARS AGO

The 1942 Crop Report helped document the effects of World War II on our local economy. Due to the loss of trained agricultural workers to the army and defense industries, many growers recruited students, women, and older men to harvest crops. Still, over 10% of the cotton grown in the county had to be abandoned due to a lack of harvesting labor. The War Production Board announced plans to force grape growers to make raisins of all their 1943 Thompson Seedless grapes (this reduced growers' income by up to 75%), and many area farmers appeared hesitant to plant any crops requiring a large amount of hand labor.

Potatoes, our #1 crop that year, showed an increased production of 21% over 1941 and were described as "one of the most vitally needed war crops," according to the cover letter accompanying the 1942 report. This high demand prompted the government to ask for a 1943 increase in potato production of 20% (Kern County growers exceeded that goal, increasing production by 29% in 1943).

Since then, potato acreage has decreased from almost 33,000 acres in 1942 to 18,500 acres in 1992. Similarly, wheat, barley and milo were all grown on more land in 1942 than in 1992. On the other hand, apples and almonds now with a combined acreage of over 74,000, were grown on just 114 acres in 1942.

Returns to agriculture 50 years ago totaled just over 67 million dollars (including government payments) on 370,000 acres. This year just over twice as many acres were harvested for a total value of 1.5 billion dollars. Finally, the crop report itself has evolved from a 5 page summary in 1942 to the detailed, 24 page document compiled today. A lot more than just tools have changed in the last 50 years of Kern County agriculture.

AGRICULTURAL COMMISSIONER
Theodore K. Davis

ASSISTANT AGRICULTURAL COMMISSIONER
Louie I. Cervantes

DEPUTY AGRICULTURAL COMMISSIONERS

Jack E. Marks
David J. Moore

STAFF BIOLOGIST

David S. Daoud

DISTRICT AGRICULTURAL BIOLOGIST IV'S

Steven G. Watson, Arvin/Lamont
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Barry H. Marlett, Tehachapi
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Steven H. Groves, Shafter
Samuel A. Vorhees, Wasco
Matthew R. Peet, Pest Exclusion
Robert L. Wegis, Pesticides
Richard L. White, Fruit & Veg.

AGRICULTURAL BIOLOGISTS

Irene M. Acosta	Gary A. Klawitter
Lanette M. Bankston	Marilou S. Lagasca
James A. Bracken	Cortney Lapp
Jacquelyn Bressler	Albert C. McCoy
Craig M. Foy	G. Duane Orullian
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Craig Hudson	Raymond M. Valles
Alpha A. Kamara	M. Sharon Wilbur
Kenneth W. Kenney	Michael R. Williams
Myron K. Kimmel	

TRAPPERS

Thomas A. Robinson

CLERICAL

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Senior Secretary

Nancy L. Finzel	Barbara McMillian
Typist Clerk III	Data Entry Operator I

Bonita M. Christolear	Kathryn F. Stramler
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