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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Imperial County

1990-1999

California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

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# IMPERIAL COUNTY



1990 AGRICULTURAL  
CROP & LIVESTOCK REPORT



AGRICULTURAL COMMISSIONER/DIRECTOR OF WEIGHTS & MEASURES/AIR QUALITY CONTROL

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Cover: Bard/Winterhaven date palms photographed by Martin D. Fitzurka, Staff Photographer.

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Special thanks to Phyllis L. Cason who produced this report



# AGRICULTURAL

SEALER OF WEIGHTS



# COMMISSIONER

AND MEASURES

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR  
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850  
TELEPHONE: (619) 339-4314

April 18, 1991

TO: Henry Voss, Director  
Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Imperial  
James M. Bucher, Chairman  
Bill Cole  
Abe F. Seabolt  
Sam Sharp  
Wayne VanDeGraaff

I herewith submit the Annual Crop Report as required by Section 2279 of the Food and Agricultural Code.

I would like to report that the total County Agricultural production values have surpassed the one billion dollar mark for the first time. Gross annual agricultural income in 1990 was \$1,016,811,000 dollars, a 4 percent increase over the 1989 annual income. This increase was posted primarily in the field crops sector (27%) and in the livestock revenue (10%). A decline in revenue was experienced in the remainder of our agricultural economy.

I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit. However, for every thousand dollars of total gross value produced, \$200 dollars of personal income is generated to agricultural related jobs. This accounts for 14.8% of the total personal income generated in public and private sector jobs in the county.

I wish to thank all the individuals, growers and organizations for their cooperation in providing the information required to compile this report and express special thanks to my staff for their dedicated work.

Sincerely,

Stephen L. Birdsall  
Agricultural Commissioner



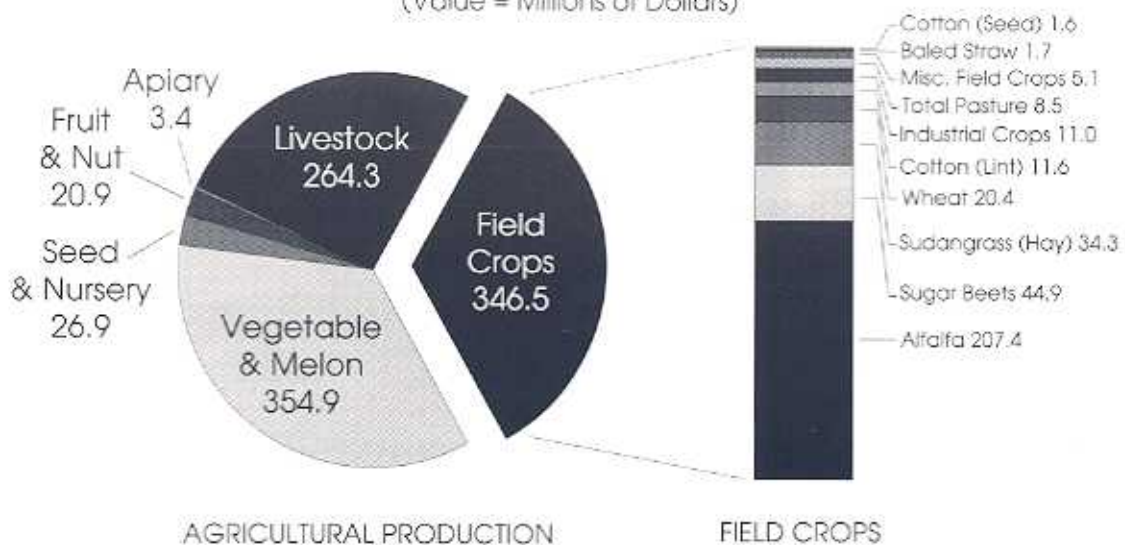
# LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN	UNIT	VALUE PER UNIT	GROSS VALUE
<b>CATTLE (Feedlot)</b>							
Finished.....	1990	420,137	B 6.74	2,831,723.30	CWT	B 76.53	216,725,000
Backgrounded.....	A1990	91,813	B 2.78	255,240.14	CWT	B 84.00	21,440,000
<b>TOTAL CATTLE</b> .....	1990	511,950	6.03	3,086,963.44	CWT	77.15	238,165,000
<b>CATTLE</b> .....	C1989	529,587	5.70	3,018,645.90	CWT	73.61	222,203,000
<b>SHEEP (Feeders)</b> .....	1990	263,355	.47	123,776.85	CWT	59.25	7,334,000
	*1989	286,974	.47	134,877.78	CWT	66.05	8,909,000
<b>WOOL</b> .....	1990	271,500		1,086,000.00	LBS	D 1.07	1,162,000
	*1989	295,850		1,183,400.00	LBS	D .95	1,124,000
<b>AQUATIC PRODUCTS</b> .....	1990						8,629,000
(Fish & Algae).....	1989						5,917,000
<b>MISC. LIVESTOCK</b> .....	1990						8,972,000
(Dairy, Dairy Heifers & Swine)	1989						2,145,000
							264,262,000
							240,298,000

- \* - 1989 Revised
- A - Backgrounded = Cattle fed but not ready for market
- B - Based on average gain and price
- C - Not all are finished cattle
- D - Includes estimated government payments

## 1990 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)







## FIELD CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA .....	1990	23,184	9.70	224,884.80	TON	129.70	29,168,000
(Cubed & Dehydrated) .....	1989	20,204	9.78	197,595.12	TON	120.00	23,711,000
ALFALFA HAY (Baled) .....	1990	170,017	9.70	1,649,164.90	TON	108.09	178,258,000
	1989	150,135	9.78	1,468,320.30	TON	97.13	142,618,000
<b>TOTAL ALFALFA</b> .....	1990	193,201	9.70	1,874,049.70	TON	110.68	207,426,000
	1989	170,339	9.78	1,665,915.42	TON	99.84	166,329,000
COTTON (Lint) .....	1990	15,442	2.05	31,656.10	BALE	365.00	11,554,000
	1989	12,967	A 2.33	30,213.11	BALE	B 350.00	10,575,000
COTTON (Seed) .....	1990	15,442	.82	12,662.44	TON	128.00	1,621,000
	1989	12,967	.93	12,059.31	TON	125.00	1,507,000
INDUSTRIAL CROPS .....	1990						11,011,000
	1989						2,074,000
<b>PASTURE CROPS</b>							
Alfalfa .....	1990	115,920	#		ACRE	46.20	5,356,000
	1989	102,203	#		ACRE	46.20	4,722,000
Ryegrass .....	1990	8,876	C		ACRE	175.00	1,553,000
	1989	8,205	C		ACRE	175.00	1,436,000
Sugar Beet Tops..	1990	31,895	#		ACRE	28.00	893,000
	1989	17,467	#		ACRE	28.00	489,000
Misc. Pasture .....	1990	21,865	#		ACRE	30.80	673,000
	1989	26,741	#		ACRE	30.80	824,000
<b>TOTAL PASTURE</b> .....	1990	178,556			ACRE	47.46	8,475,000
	1989	154,616			ACRE	48.32	7,471,000
BALED STRAW .....	1990			50,787.90	TON	34.29	1,742,000
(Wheat, Bermuda, Alfalfa)	1989			80,871.80	TON	35.00	2,831,000
SUDANGRASS HAY .....	1990	42,087	8.00	336,696.00	TON	101.83	34,286,000
	1989	49,167	4.00	196,668.00	TON	85.00	16,717,000
SUGAR BEETS .....	1990	35,439	28.60	1,013,555.40	TON	44.28	44,882,000
	1989	26,873	26.40	709,447.20	TON	41.96	29,768,000
WHEAT .....	1990	58,728	2.85	167,374.80	TON	122.00	20,420,000
	1989	99,834	2.70	269,551.80	TON	126.00	33,964,000
MISC. FIELD CROPS .....	1990	17,825			TON	93.57	5,080,000
	1989	5,865			TON	149.73	878,000
<b>TOTALS 1990</b> .....	<b>ACRES</b>	<b>371,598</b>				<b>VALUE</b>	<b>346,497,000</b>
<b>TOTALS 1989</b> .....	<b>ACRES</b>	<b>373,250</b>				<b>VALUE</b>	<b>272,114,000</b>

INDUSTRIAL CROPS = Agricultural waste for fuel and oil seeds.

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Ryegrass Hay, Corn, Oats, Sorghum Grain, Sorghum Silage

# = Pastured one time and acres are counted in other crops.

A = 500 lb. bales.

B = Includes government payment.

C = Pastured five times.



# VEGETABLE AND MELON CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ASPARAGUS</b>							
Harvested.....	1990	4,516	143	646,740	30 LB CTN	39.23	25,372,000
New Seeding.....	1990	209					
Harvested.....	1989	4,347	128	559,328	30 LB CTN	38.47	21,517,000
<b>BROCCOLI (Market).....</b>							
	1990	10,484	445	4,666,288	26 LB CTN	4.93	23,033,000
	1989	11,928	381	4,551,009	26 LB CTN	5.30	24,134,000
<b>CABBAGE (Market).....</b>							
	1990	862	712	614,391	50 LB CTN	8.03	4,936,000
	1989	895	619	554,184	50 LB CTN	3.69	2,046,000
<b>CARROTS</b>							
Market.....	1990	12,682	705	8,950,944	50 LB BAG	6.14	55,000,000
Processing & Feed....	1990		2	25,868	TON	6.34	164,000
<b>TOTAL CARROTS.....</b>	1990	12,682					55,164,000
	*1989	12,661	707	8,954,602	50 LB BAG	6.41	57,399,000
<b>CAULIFLOWER (Market).....</b>							
	1990	8,683	456	3,962,615	23 LB CTN	5.43	21,517,000
	1989	8,761	375	3,291,070	23 LB CTN	7.21	23,715,000
<b>HEAD LETTUCE</b>							
Naked Pack.....	1990	27,327	380	10,391,193	50 LB CTN	** 3.65	37,928,000
	1989	25,795	367	9,471,924	50 LB CTN	7.90	74,828,000
Wrap Pack.....	1990	11,711	380	4,453,369	40 LB CTN	** 3.27	14,607,000
	1989	11,055	367	4,062,712	40 LB CTN	7.09	28,790,000
Trim & Cored.....	1990			229,120	35 LB CTN	2.77	635,000
	1989			276,251	35 LB CTN	6.00	1,658,000
Salad Products.....	1990			2,991,342	20 LB BAG	2.87	8,599,000
	1989			3,273,303	20 LB BAG	6.40	20,949,000
<b>TOTAL HEAD LETTUCE.....</b>	1990	39,038					61,769,000
	1989	36,850					126,225,000
<b>LEAF LETTUCE.....</b>							
	1990	4,241	607	2,576,353	35 LB CTN	5.65	14,557,000
	1989	3,073	510	1,569,873	35 LB CTN	7.99	12,544,000
<b>ONIONS</b>							
Market.....	1990	3,565	917	3,271,652	50 LB SACK	6.72	21,985,000
	1989	3,305	617	2,041,168	50 LB SACK	4.65	9,489,000
Processor.....	1990	6,560	19	125,361	TON	73.97	9,273,000
	1989	4,514	15	68,613	TON	70.25	4,820,000
<b>TOTAL ONIONS.....</b>	1990	10,125					31,258,000
	1989	7,819					14,309,000

\*\* - Container price based on average price per pound.



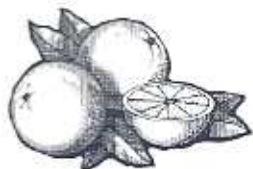


## VEGETABLE AND MELON CROPS (Continued)

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
<b>TOMATOES</b>							
Market.....	1990	1,196	1,067	1,276,884	25 LB CTN	5.00	6,384,000
	1989	648	1,210	784,339	25 LB CTN	5.71	4,479,000
Processor.....	1990	10,400	32	334,900	TON	55.20	18,486,000
	1989	11,200	32	356,944	TON	52.10	18,597,000
<b>TOTAL TOMATOES .....</b>	1990	11,596					24,870,000
	1989	11,848					23,076,000
<b>MISC. VEGETABLES .....</b>	1990			46,197	TON	434.08	20,053,000
	*1989			27,964	TON	371.05	10,376,000
<b>CANTALOUPE</b>							
Spring.....	1990	24,821	198	4,921,499	40 LB CTN	9.28	45,696,000
	1989	21,303	507	10,811,273	40 LB CTN	4.33	46,808,000
Fall.....	1990	10,331	227	2,349,879	40 LB CTN	6.99	16,444,000
	1989	9,559	331	3,164,029	40 LB CTN	7.04	22,258,000
<b>TOTAL CANTALOUPE</b>	1990	35,152	206	7,271,378	40 LB CTN	8.54	62,140,000
	1989	30,862	452	13,975,302	40 LB CTN	4.94	69,066,000
<b>HONEYDEW MELONS</b>							
Spring.....	1990	975	181	176,999	30 LB CTN	7.08	1,253,000
	1989	573	836	479,028	30 LB CTN	2.85	1,365,000
Fall.....	1990	2,010	345	693,865	30 LB CTN	8.22	5,704,000
	1989	2,150	720	1,549,440	30 LB CTN	4.42	6,852,000
<b>TOTAL HONEYDEWS ...</b>	1990	2,985	291	870,864	30 LB CTN	7.99	6,957,000
	1989	2,723	745	2,028,468	30 LB CTN	4.05	8,217,000
<b>MISC. MELONS</b>							
Spring.....	1990	377	321	121,262	30 LB CTN	3.55	431,000
	1989	199	950	189,183	30 LB CTN	3.44	651,000
Fall.....	1990	443	70	31,155	30 LB CTN	1.18	37,000
	1989	660	512	337,920	30 LB CTN	5.00	1,689,000
<b>TOTAL MISC. MELONS</b>	1990	820	185	152,417	30 LB CTN	3.07	468,000
	1989	859	613	527,103	30 LB CTN	4.44	2,340,000
<b>WATERMELONS .....</b>	1990	3,233	6	18,014	TON	153.99	2,774,000
	1989	4,261	6	27,398	TON	147.77	4,049,000
<b>TOTALS 1990.....</b>	<b>ACRES</b>	<b>144,417</b>				<b>VALUE</b>	<b>354,868,000</b>
<b>* TOTALS 1989.....</b>	<b>ACRES</b>	<b>136,887</b>				<b>VALUE</b>	<b>399,013,000</b>

MISC. VEGETABLES = Artichokes, Beans, Bell Peppers, Celery, Chinese Vegetables, Corn, Cucumbers, Eggplant, Garlic, Parsnips, Potatoes, Rapini, Rutabagas, Spinach, Squash, Turnips

\* - 1989 Revised



# FRUIT AND NUT CROPS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
<b>DATES</b>							
HARVESTED .....	1990	517	3.36	1,736.70	TON	3,977.66	6,908,000
Non-Bearing .....	1990	94					
HARVESTED .....	1989	446	4.15	1,850.90	TON	4,660.00	8,625,000
<b>GRAPEFRUIT</b>							
HARVESTED .....	1990	315	9.90	3,118.50	TON	475.55	1,483,000
Non-Bearing .....	1990	285					
HARVESTED .....	1989	537	6.25	3,356.25	TON	329.74	1,107,000
<b>LEMONS</b>							
HARVESTED .....	1990	1,491	6.46	9,631.86	TON	658.96	6,347,000
Non-Bearing .....	1990	21					
HARVESTED .....	1989	1,656	5.57	9,223.92	TON	658.07	6,070,000
<b>ORANGES (NAVELS &amp; VALENCIA)</b>							
HARVESTED .....	1990	491	11.42	5,607.22	TON	455.48	2,554,000
Non-Bearing .....	1990	91					
HARVESTED .....	1989	632	7.62	4,815.84	TON	552.03	2,658,000
<b>TANGERINES</b>							
HARVESTED .....	1990	120	12.97	1,556.46	TON	511.42	796,000
Non-Bearing .....	1990	226					
HARVESTED .....	1989	205	7.53	1,543.65	TON	753.10	1,163,000
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
HARVESTED .....	1990	593	3.00	1,778.10	TON	1,187.78	2,112,000
Non-Bearing .....	1990	481					
HARVESTED .....	*1989	1,007	6.26	6,302.68	TON	800.77	5,047,000
<b>CITRUS BY-PRODUCTS</b>							
.....	1990			10,533.76	TON	67.87	715,000
.....	1989			11,750.71	TON	69.19	813,000
<b>** TOTALS 1990</b> .....		<b>ACRES</b>	3,527			<b>VALUE</b>	20,915,000
<b>* TOTALS 1989</b> .....		<b>ACRES</b>	4,483			<b>VALUE</b>	25,483,000

MISC. CITRUS = Limes, Temples and Tangelos  
 FRUIT & NUT CROPS = Pecans, Grapes, Peaches, Mangos, Nectarines and Guavas

\*\* - Acreage is based on the 1990 California Fruit and Nut Acreage Survey.  
 \* - 1989 Revised





## SEED CROPS & NURSERY PRODUCTS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED .....	1990	15,795	360.00	5,686,200.00	LBS	1.50	8,529,000
	1989	17,783	475.00	8,446,925.00	LBS	1.35	11,403,000
BERMUDAGRASS SEED .....	1990	11,954	398.75	4,766,657.00	LBS	1.22	5,815,000
	1989	18,561	575.00	10,672,575.00	LBS	1.30	13,874,000
MISC. FIELD CROP SEED .....	1990	2,571					982,000
	*1989	5,261					1,981,000
ONION SEED .....	1990	3,339	451.35	1,507,050.00	LBS	4.60	6,932,000
	1989	2,560	508.33	1,301,324.80	LBS	5.42	7,053,000
MISC. VEGETABLE & FLOWER SEED & NURSERY .....	1990	871					1,194,000
	1989	3,773					1,117,000
CERTIFIED SEED .....	1990	6,718					3,416,000
	1989	1,355					1,540,000
<b>TOTALS 1990...ACRES</b>		<b>41,248</b>					<b>VALUE 26,868,000</b>
<b>TOTALS 1989...ACRES</b>		<b>49,293</b>					<b>VALUE 36,968,000</b>

\* - 1989 Revised

MISC. FIELD CROP SEED = Beans-Blackeyed, Ryegrass, Sudangrass, Wheat

MISC. VEG. & FLOWER SEED = Asparagus, Broccoli, Cabbage, Carrots, Cauliflower, Celery,

Chinese Cabbage, Chinese Celery, Flowers, Mustard

CERTIFIED SEED = Alfalfa, Asparagus, Beans-Blackeyed, Bermudagrass, Rape, Wheat



## APIARY PRODUCTS

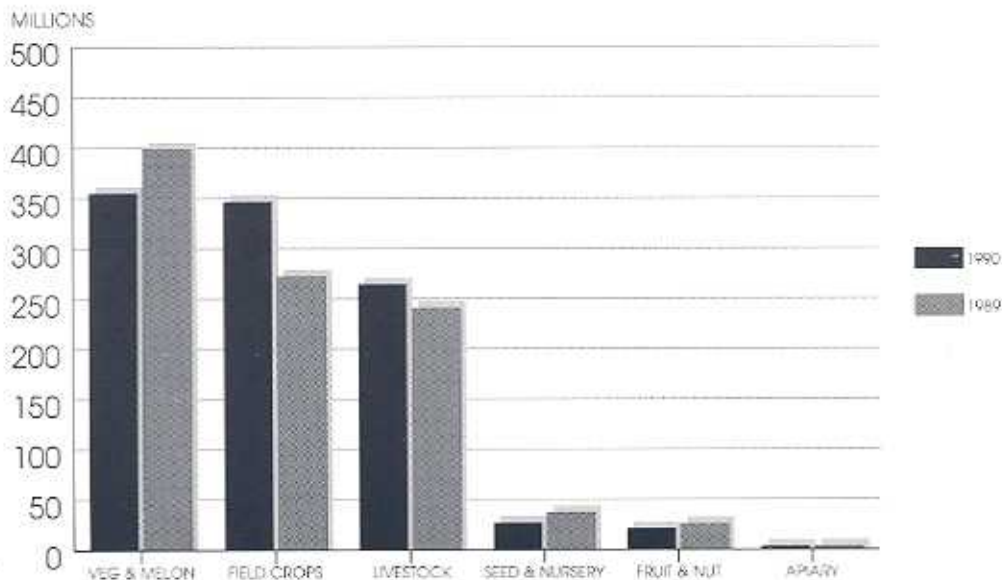
	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY .....	1990	67,437	30.00	2,023,136.00	LBS	.46	931,000
	1989	63,223	40.00	2,528,920.00	LBS	.54	1,366,000
WAX .....	1990	67,437	.50	33,718.50	LBS	1.25	42,000
	1989	63,223	.67	42,359.41	LBS	1.15	49,000
POLLINATION .....	1990	134,874			COL	18.00	2,428,000
	1989	126,446			COL	17.00	2,150,000
						<b>VALUE 1990</b>	<b>3,401,000</b>
						<b>VALUE 1989</b>	<b>3,565,000</b>

# SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS.....	1990	144,417	\$ 354,868,000
	*1989	136,887	399,013,000
FIELD CROPS .....	1990	371,598	346,497,000
	1989	373,250	272,114,000
LIVESTOCK.....	1990		264,262,000
	*1989		240,298,000
SEED CROPS & NURSERY PRODUCTS .....	1990	41,248	26,868,000
	1989	49,293	36,968,000
FRUIT AND NUT CROPS.....	1990	3,527	20,915,000
	1989	4,483	25,483,000
APIARY PRODUCTS.....	1990		3,401,000
	1989		3,565,000
<b>TOTAL .....</b>	1990	560,790	\$1,016,811,000
	*1989	563,913	977,441,000

\* - 1989 Revised

## GROSS VALUE 1990-1989 COMPARISON (Value = Millions of Dollars)





# MILLION DOLLAR PRODUCTS

## 1990 RANKING

## 1989 RANKING

1990 RANKING	Product	Value (\$)	1989 RANKING
1	CATTLE	238,165,000	1
2	ALFALFA	207,426,000	2
3	CANTALOUPE	62,140,000	4
4	LETTUCE	61,769,000	3
5	* CARROTS	55,164,000	5
6	SUGAR BEETS	44,882,000	7
7	SUDAN GRASS HAY	34,286,000	12
8	ONIONS	31,258,000	13
9	ASPARAGUS	25,372,000	11
10	TOMATOES	24,870,000	10
11	BROCCOLI	23,033,000	8
12	CAULIFLOWER	21,517,000	9
13	WHEAT	20,420,000	6
14	MISC. VEGETABLES	20,053,000	18
15	LEAF LETTUCE	14,557,000	15
16	COTTON (LINT)	11,554,000	17
17	INDUSTRIAL CROPS	11,011,000	33
18	MISC. LIVESTOCK	8,972,000	32
19	AQUATIC PRODUCTS	8,629,000	25
20	ALFALFA SEED	8,529,000	16
21	TOTAL PASTURE	8,475,000	22
22	* SHEEP	7,334,000	19
23	HONEYDEW MELONS	6,957,000	21
24	ONION SEED	6,932,000	23
25	DATES	6,908,000	20
26	LEMONS	6,347,000	24
27	BERMUDA GRASS SEED	5,815,000	14
28	MISC. FIELD CROPS	5,080,000	**
29	CABBAGE	4,936,000	34
30	CERTIFIED SEED	3,416,000	36
31	WATERMELONS	2,774,000	27
32	ORANGES	2,554,000	29
33	POLLINATION	2,428,000	31
34	* MISC. CITRUS, FRUIT & NUT	2,112,000	26
35	BALED STRAW	1,742,000	28
36	COTTON SEED	1,621,000	37
37	GRAPEFRUIT	1,483,000	41
38	MISC. VEG. & FLOWER SEED & NURSERY	1,194,000	40
39	* WOOL	1,162,000	35

\* - 1989 REVISED

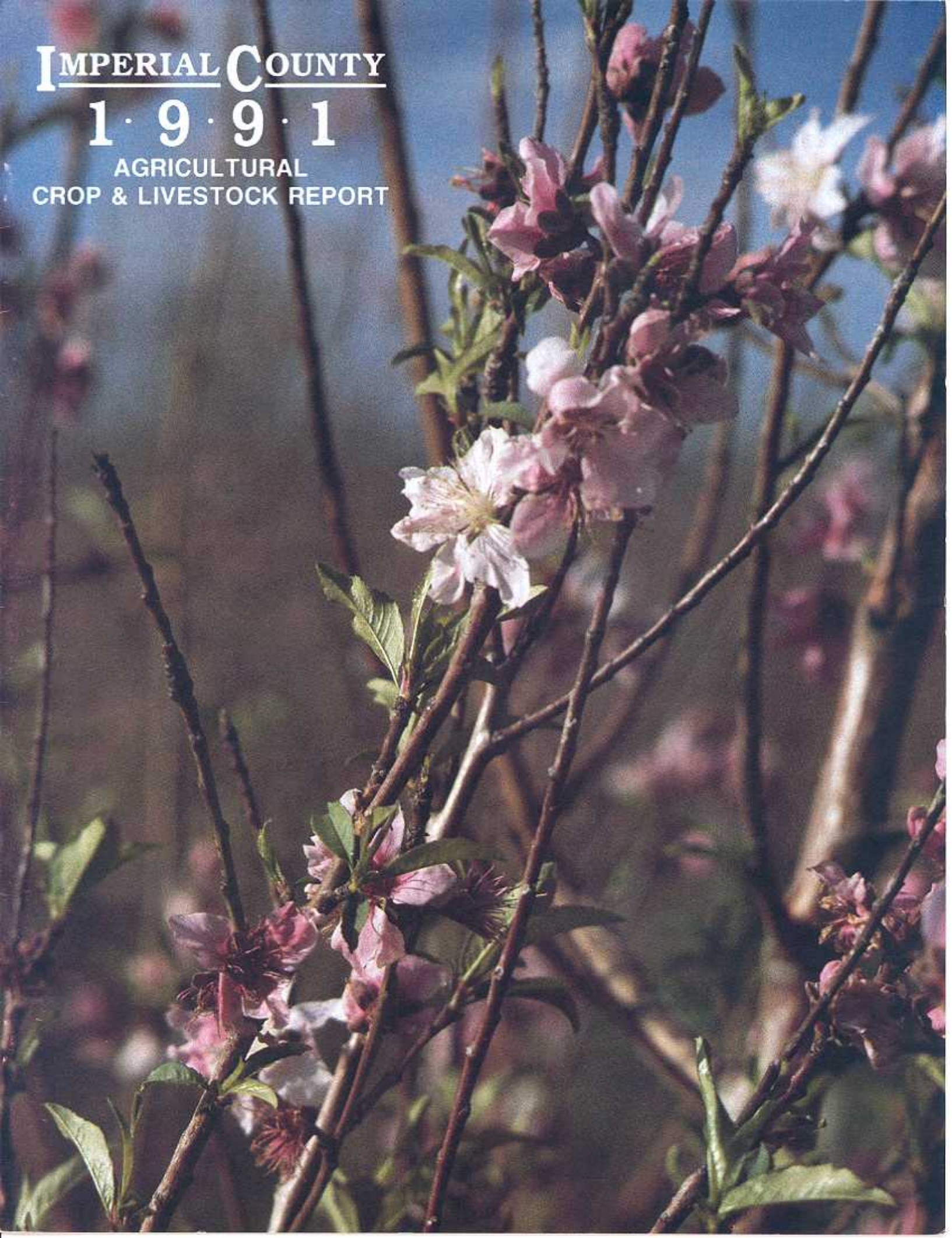
\*\* - REPORTED AT LESS THAN ONE MILLION DOLLARS IN 1989



# IMPERIAL COUNTY

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AGRICULTURAL  
CROP & LIVESTOCK REPORT





**AGRICULTURAL COMMISSIONER/DIRECTOR OF WEIGHTS & MEASURES/AIR QUALITY CONTROL**  
Stephen L. Birdsall

**ASSISTANT AGRICULTURAL COMMISSIONER/DIRECTOR OF WEIGHTS & MEASURES/AIR QUALITY CONTROL**  
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**DEPUTY AGRICULTURAL COMMISSIONER**

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Martin D. Fitzurka, Weights and Measures  
Clifford A. Gruenberg, Pesticide Use Enforcement  
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**COVER:** Nectarine Blossoms photographed by Martin D. Fitzurka, Staff Photographer.

This report is published by the Agricultural Commissioner's Office with the assistance of the Imperial Irrigation District.

Special thanks to Phyllis L. Cason who produced this report.

**AGRICULTURAL**  
**SEALER OF WEIGHTS**



**COMMISSIONER**  
**AND MEASURES**

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR  
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850  
TELEPHONE: (619) 339-4314

May 28, 1992

TO: Henry Voss, Director  
Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Imperial  
Bill Cole, Chairman  
James M. Bucher  
Abe F. Seabolt  
Sam Sharp  
Wayne VanDeGraaff

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1991. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. It does not reflect net farm income or costs of production. This report is based on average production and average value of the gross receipts.

The 1991 total agricultural production value was \$952,729,000. This is a six percent decrease from the 1990 value. The reduction in values were posted principally in the field crop and livestock sectors. The vegetable and melon crop values, however, marked an increase of 15%.

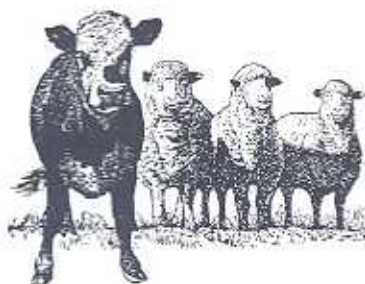
I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

The sustainable agriculture report section of this report as required by AB 2665 was not collected because funds were not made available in the mandating statutes.

Sincerely,

Stephen L. Birdsall  
Agricultural Commissioner

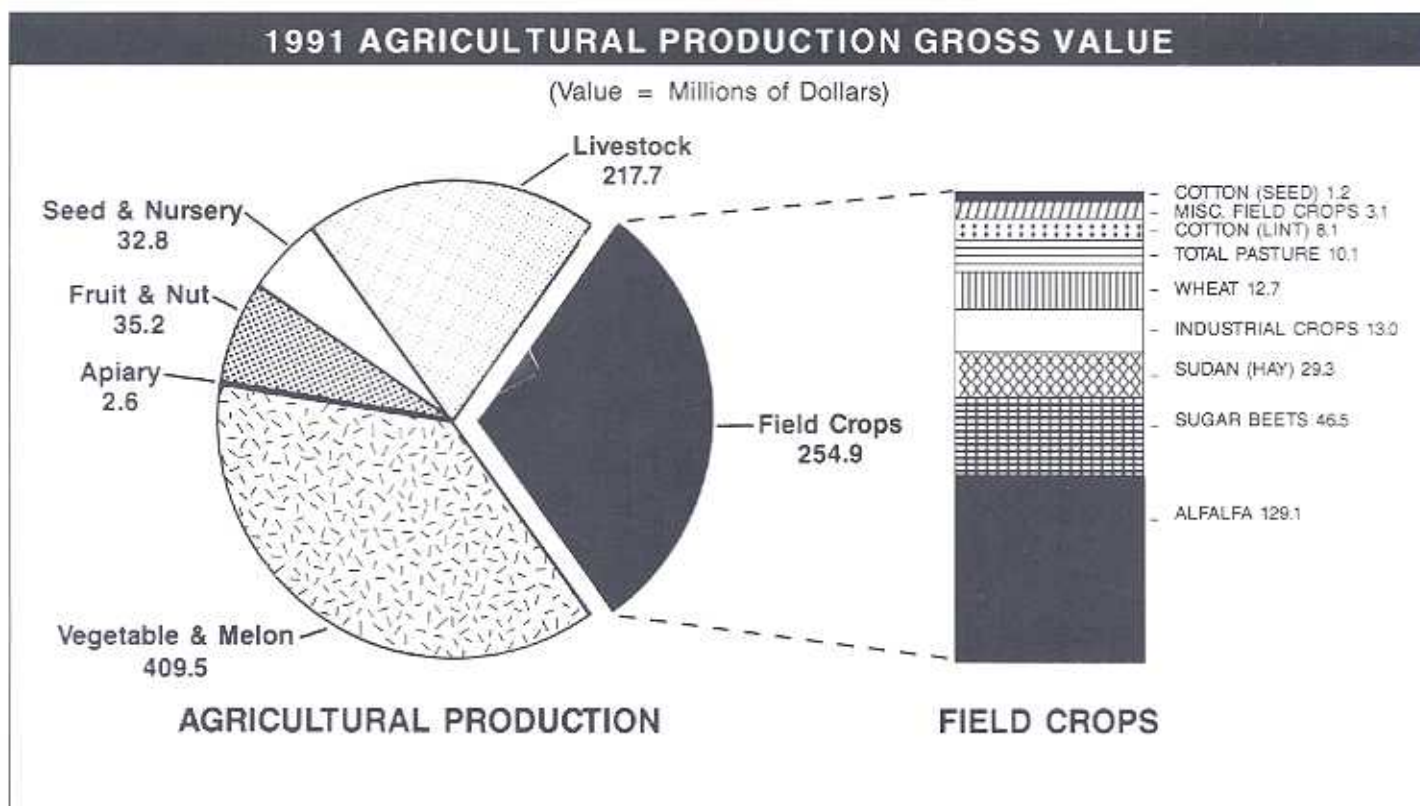


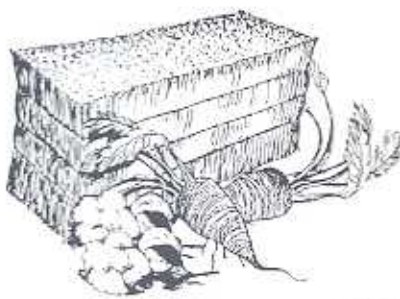


# LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN	UNIT	VALUE PER UNIT	GROSS VALUE
<b>CATTLE (Feedlot)</b>							
Finished .....	1991	401,860	B 6.23	2,502,262.35	CWT	B 72.74	182,022,000
	1990	420,137	B 6.74	2,831,723.30	CWT	B 76.53	216,725,000
Backgrounded ....	A 1991	54,799	B 2.80	153,437.20	CWT	B 75.00	11,508,000
	A 1990	91,813	B 2.78	255,240.14	CWT	B 84.00	21,440,000
<b>TOTAL CATTLE ...</b>	1991	456,659	5.82	2,655,699.55	CWT	72.87	193,530,000
	1990	511,950	6.03	3,086,963.44	CWT	77.15	238,165,000
<b>SHEEP (Feeders) .....</b>							
	1991	270,300	.56	151,368.00	CWT	48.10	7,281,000
	1990	263,355	.47	123,776.85	CWT	59.25	7,334,000
<b>WOOL .....</b>							
	1991	278,409		1,252,840.50	LBS	C .90	1,130,000
	1990	271,500		1,086,000.00	LBS	C 1.07	1,162,000
<b>AQUATIC PRODUCTS</b>							
(Fish & Algae) ...	1991						8,683,000
	1990						8,629,000
<b>MISC. LIVESTOCK ...</b>							
(Dairy, Dairy Heifers & Swine)	1991						7,072,000
	1990						8,972,000
						<b>VALUE 1991</b>	<b>217,696,000</b>
						<b>VALUE 1990</b>	<b>264,262,000</b>

A - Backgrounded = Cattle fed but not ready for market  
 B - Based on average gain and price  
 C - Includes estimated government payments





# FIELD CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA (Cubed & Greenchop)	1991	14,493	8.50	123,190.50	TON	88.46	10,897,000
	1990	23,184	9.70	224,884.80	TON	129.70	29,168,000
ALFALFA HAY (Baled)	1991	192,538	8.50	1,636,573.00	TON	72.22	118,193,000
	1990	170,017	9.70	1,649,164.90	TON	108.09	178,258,000
TOTAL ALFALFA	1991	207,031	8.50	1,759,763.50	TON	73.36	129,090,000
	1990	193,201	9.70	1,874,049.70	TON	110.68	207,426,000
COTTON (Lint)	1991	12,370	A 1.81	22,389.70	BALE	B 363.00	8,127,000
	1990	15,442	A 2.05	31,656.10	BALE	B 365.00	11,554,000
COTTON (Seed)	1991	12,370	.75	9,330.91	TON	132.00	1,232,000
	1990	15,442	.82	12,662.44	TON	128.00	1,621,000
INDUSTRIAL CROPS	1991						12,993,000
	1990						11,011,000
PASTURE CROPS							
Alfalfa	1991	125,598	#		ACRE	46.20	5,803,000
	1990	115,920	#		ACRE	46.20	5,356,000
Ryegrass	1991	7,698	C		ACRE	245.00	1,886,000
	1990	8,876	C		ACRE	175.00	1,553,000
Sugar Beet Tops	1991	34,070	#		ACRE	46.20	1,574,000
	1990	31,895	#		ACRE	28.00	893,000
Misc. Pasture	1991	27,785	#		ACRE	31.27	869,000
	1990	21,865	#		ACRE	30.80	673,000
TOTAL PASTURE	1991	195,151			ACRE	52.47	10,132,000
	1990	178,556			ACRE	47.46	8,475,000
BALED STRAW (Wheat, Bermuda, Alfalfa)	1991			61,813.50	TON	29.81	1,843,000
	1990			50,787.90	TON	34.29	1,742,000
SUDANGRASS HAY	1991	66,929	5.00	334,645.00	TON	87.50	29,281,000
	1990	42,087	8.00	336,696.00	TON	101.83	34,286,000
SUGAR BEETS	1991	37,856	28.23	1,068,485.00	TON	43.47	46,448,000
	1990	35,439	28.60	1,013,555.40	TON	44.28	44,882,000
WHEAT	1991	33,952	2.49	84,608.38	TON	150.00	12,691,000
	1990	58,728	2.85	167,374.80	TON	122.00	20,420,000
MISC. FIELD CROPS	1991	13,153			TON	57.16	3,058,000
	1990	17,825			TON	93.57	5,080,000
TOTALS 1991	ACRES	380,534				VALUE	254,895,000
TOTALS 1990	ACRES	371,598				VALUE	346,497,000

INDUSTRIAL CROPS = Agricultural waste for fuel and oil seeds

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Corn, Hemp, Knaf, Oats, Rape, Ryegrass Hay, Sesbania, Sugar Cane and Sorghum Silage

MISC. PASTURE = Bermudagrass, Oats and Sudangrass

# = Pastured one time and most acres are counted in other crops

A = 500 lb. Bales

B = Includes government payment

C = Pastured five times

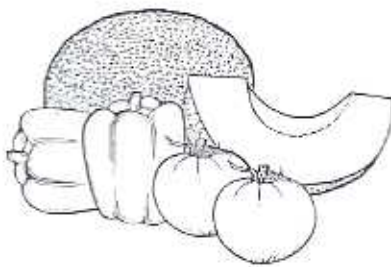




# VEGETABLE AND MELON CROPS

CROP	YEAR	YIELD		TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
		ACRES	PER ACRE				
<b>ASPARAGUS</b>							
Harvested .....	1991	5,961	102	608,430	30 LB CTN	30.62	18,630,000
New Seeding .....	1991	444					
Harvested .....	1990	4,516	143	646,740	30 LB CTN	39.23	25,372,000
<b>BROCCOLI (Market) .....</b>	1991	8,764	461	4,404,102	26 LB CTN	5.55	24,458,000
	1990	10,484	445	4,666,288	26 LB CTN	4.93	23,033,000
<b>CABBAGE (Market) .....</b>	1991	1,141	423	482,167	50 LB CTN	3.54	1,712,000
	1990	862	712	614,391	50 LB CTN	8.03	4,936,000
<b>CARROTS</b>							
Market .....	1991	9,959	726	7,230,331	50 LB BAG	7.57	52,536,000
	1990	12,682	705	8,950,944	50 LB BAG	6.14	55,000,000
Processing & Feed .....	1991		3	31,661	TON	6.32	200,000
	1990		2	25,868	TON	6.34	164,000
<b>TOTAL CARROTS .....</b>	1991	9,959					52,736,000
	1990	12,682					55,164,000
<b>CAULIFLOWER (Market)</b>	1991	8,399	405	3,401,856	23 LB CTN	7.44	25,298,000
	1990	8,683	456	3,962,615	23 LB CTN	5.43	21,517,000
<b>HEAD LETTUCE</b>							
Naked Pack .....	1991	20,599	363	7,467,248	50 LB CTN	4.61	34,424,000
	1990	27,327	380	10,391,193	50 LB CTN	* 3.65	37,928,000
Wrap Pack .....	1991	15,539	353	5,494,650	40 LB CTN	5.76	31,649,000
	1990	11,711	380	4,453,369	40 LB CTN	* 3.27	14,607,000
Trim & Cored .....	1991			1,127,108	35 LB CTN	5.91	6,661,000
	1990			229,120	35 LB CTN	* 2.77	635,000
Salad Products .....	1991			8,668,860	20 LB BAG	4.19	36,285,000
	1990			2,991,342	20 LB BAG	* 2.87	8,599,000
<b>TOTAL HEAD LETTUCE</b>	1991	36,138					109,019,000
	1990	39,038					61,769,000
<b>LEAF LETTUCE .....</b>	1991	3,892	695	2,704,940	35 LB CTN	5.85	15,824,000
	1990	4,241	607	2,576,353	35 LB CTN	5.65	14,557,000
<b>ONIONS</b>							
Market .....	1991	3,680	796	2,928,763	50 LB SACK	11.74	34,384,000
	1990	3,565	917	3,271,652	50 LB SACK	6.72	21,985,000
Processor .....	1991	7,826	19	147,559	TON	78.48	11,580,000
	1990	6,560	19	125,361	TON	73.97	9,273,000
<b>TOTAL ONIONS .....</b>	1991	11,506					45,964,000
	1990	10,125					31,258,000

\* - Container price based on average price per pound



# VEGETABLE AND MELON CROPS

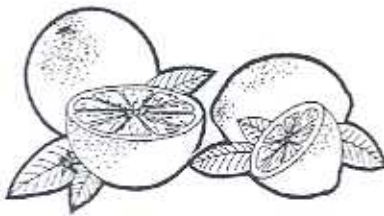
(continued)

CROP	YEAR	YIELD			UNIT	VALUE PER UNIT	GROSS VALUE
		ACRES	PER ACRE	TOTAL UNITS			
<b>TOMATOES</b>							
Market & Processor . . .	1991	6,753	33	223,707	TON	165.82	37,094,000
	1990	11,596	31	354,053	TON	70.24	24,870,000
<b>MISC. VEGETABLES . . .</b>							
	1991	7,579					20,479,000
	** 1990	5,008					20,053,000
<b>CANTALOUPE</b>							
Spring . . . . .	1991	23,273	211	4,914,088	40 LB CTN	9.83	48,302,000
	1990	24,821	198	4,921,499	40 LB CTN	9.28	45,696,000
Fall . . . . .	1991	7,408	20	148,232	40 LB CTN	6.75	1,001,000
	1990	10,331	227	2,349,879	40 LB CTN	6.99	16,444,000
<b>TOTAL CANTALOUPE</b>							
	1991	30,681	165	5,062,320	40 LB CTN	9.74	49,303,000
	1990	35,152	207	7,271,378	40 LB CTN	8.54	62,140,000
<b>HONEYDEW MELONS</b>							
Spring . . . . .	1991	776	257	199,556	30 LB CTN	10.79	2,153,000
	1990	975	181	176,999	30 LB CTN	7.08	1,253,000
Fall . . . . .	1991	1,428	10	13,910	30 LB CTN	6.50	90,000
	1990	2,010	345	693,865	30 LB CTN	8.22	5,704,000
<b>TOTAL HONEYDEWS</b>							
	1991	2,204	96	213,466	30 LB CTN	10.51	2,243,000
	1990	2,985	291	870,864	30 LB CTN	7.99	6,957,000
<b>MISC. MELONS</b>							
Spring . . . . .	1991	464	192	88,985	30 LB CTN	11.50	1,023,000
	1990	377	321	121,262	30 LB CTN	3.55	431,000
Fall . . . . .	1991	313	0	0	30 LB CTN	0	0
	1990	443	70	31,155	30 LB CTN	1.18	37,000
<b>TOTAL MISC. MELONS</b>							
	1991	777	115	88,985	30 LB CTN	11.50	1,023,000
	1990	820	185	152,417	30 LB CTN	3.07	468,000
<b>WATERMELONS . . . . .</b>							
	1991	2,365	11	26,523	TON	214.40	5,687,000
	1990	3,233	6	18,014	TON	153.99	2,774,000
<b>TOTALS 1991 . . . . .</b>		<b>ACRES</b>	136,119			<b>VALUE</b>	409,470,000
<b>** TOTALS 1990 . . . . .</b>		<b>ACRES</b>	149,425			<b>VALUE</b>	354,868,000

MISC. VEGETABLES = Artichokes, Beans, Beets, Bell Peppers, Celery, Chinese Vegetables, Cilantro, Collards, Corn, Cucumbers, Dill, Eggplant, Fennel, Garlic, Mixed Herbs, Kale, Kohlarbi, Mustard Greens, Parsnips, Potatoes, Radishes, Rapini, Spinach, Squash, Swiss Chard, Turnips and Water Lilies

\*\* - 1990 Revised





# FRUIT AND NUT CROPS

<u>CROP</u>	<u>YEAR</u>	<u>ACRES</u>	<u>UNITS PER ACRE</u>	<u>TOTAL UNITS</u>	<u>UNIT</u>	<u>VALUE PER UNIT</u>	<u>GROSS VALUE</u>
<b>DATES</b>							
Harvested .....	1991	615	3.26	2,006.75	TON	4,205.79	8,440,000
Non-Bearing .....	1991	188					
Harvested .....	1990	517	3.36	1,736.70	TON	3,977.66	6,908,000
<b>GRAPEFRUIT</b>							
Harvested .....	1991	635	10.46	6,640.61	TON	335.89	2,230,000
Non-Bearing .....	1991	323					
Harvested .....	1990	315	9.90	3,118.50	TON	475.55	1,483,000
<b>LEMONS</b>							
Harvested .....	1991	1,715	8.57	14,695.84	TON	851.05	12,507,000
Non-Bearing .....	1991	163					
Harvested .....	1990	1,491	6.46	9,631.86	TON	658.96	6,347,000
<b>ORANGES (NAVELS &amp; VALENCIA)</b>							
Harvested .....	1991	491	19.90	9,769.56	TON	693.26	6,773,000
Non-Bearing .....	1991	169					
Harvested .....	1990	491	11.42	5,607.22	TON	455.48	2,554,000
<b>TANGERINES</b>							
Harvested .....	1991	159	10.36	1,646.86	TON	568.01	935,000
Non-Bearing .....	1991	226					
Harvested .....	1990	120	12.97	1,556.46	TON	511.42	796,000
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
Harvested .....	1991	818	4.09	3,346.38	TON	1,052.28	3,521,000
Non-Bearing .....	1991	368					
Harvested .....	1990	593	3.00	1,778.10	TON	1,187.78	2,112,000
<b>CITRUS BY-PRODUCTS</b>							
	1991			14,184.78	TON	58.76	833,000
	1990			10,533.76	TON	67.87	715,000
<b>TOTALS 1991 .....</b>		<b>ACRES</b>	<b>4,433</b>			<b>VALUE</b>	<b>35,239,000</b>
<b>TOTALS 1990 .....</b>		<b>ACRES</b>	<b>3,527</b>			<b>VALUE</b>	<b>20,915,000</b>

MISC. CITRUS = Limes, Temples and Tangelos  
 FRUIT & NUT CROPS = Pecans, Grapes, Peaches, Mangos, Nectarines and Peanuts



# SEED CROPS & NURSERY PRODUCTS

CROP	YEAR	ACRES	UNITS		UNIT	VALUE PER UNIT	GROSS VALUE
			PER ACRE	TOTAL UNITS			
ALFALFA SEED .....	1991	13,742	333.95	4,589,140.90	LBS	1.19	5,461,000
	1990	15,795	360.00	5,686,200.00	LBS	1.50	8,529,000
BERMUDAGRASS SEED .....	1991	13,830	482.20	6,668,826.00	LBS	1.52	10,137,000
	1990	11,954	398.75	4,766,657.00	LBS	1.22	5,815,000
ONION SEED .....	1991	2,536	463.00	1,174,168.00	LBS	4.80	5,636,000
	1990	3,339	451.35	1,507,050.00	LBS	4.60	6,932,000
MISC. FIELD, VEGETABLE & FLOWER SEED & NURSERY	1991	1,539					6,982,000
	1990	3,442					2,176,000
CERTIFIED SEED .....	1991	8,744					4,617,000
	1990	6,718					3,416,000
TOTALS 1991 .....	ACRES	40,391				VALUE	32,833,000
TOTALS 1990 .....	ACRES	41,248				VALUE	26,868,000

MISC. FIELD CROP, VEG. & FLOWER SEED = Artichoke, Asparagus, Broccoli, Carrots, Cantaloupe, Cauliflower, Cucumber, Flowers, Honeydew, Leaf Lettuce, Mustard, Okra, Parsley, Ryegrass, Sesame, Squash, Sudangrass, Swiss Chard, Watermelon

CERTIFIED SEED = Alfalfa, Artichoke, Asparagus, Bermudagrass, Rape, Wheat



# APIARY PRODUCTS

CROP	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY .....	1991	45,065	67.58	2,655,627.08	LBS	.52	1,378,000
	1990	67,437	30.00	2,023,136.00	LBS	.46	931,000
WAX .....	1991	44,525	1.31	59,711.96	LBS	1.17	70,000
	1990	67,437	.50	33,718.50	LBS	1.25	42,000
POLLINATION .....	1991	62,079			COL	18.49	1,148,000
	1990	134,874			COL	18.00	2,428,000
						VALUE 1991	2,596,000
						VALUE 1990	3,401,000

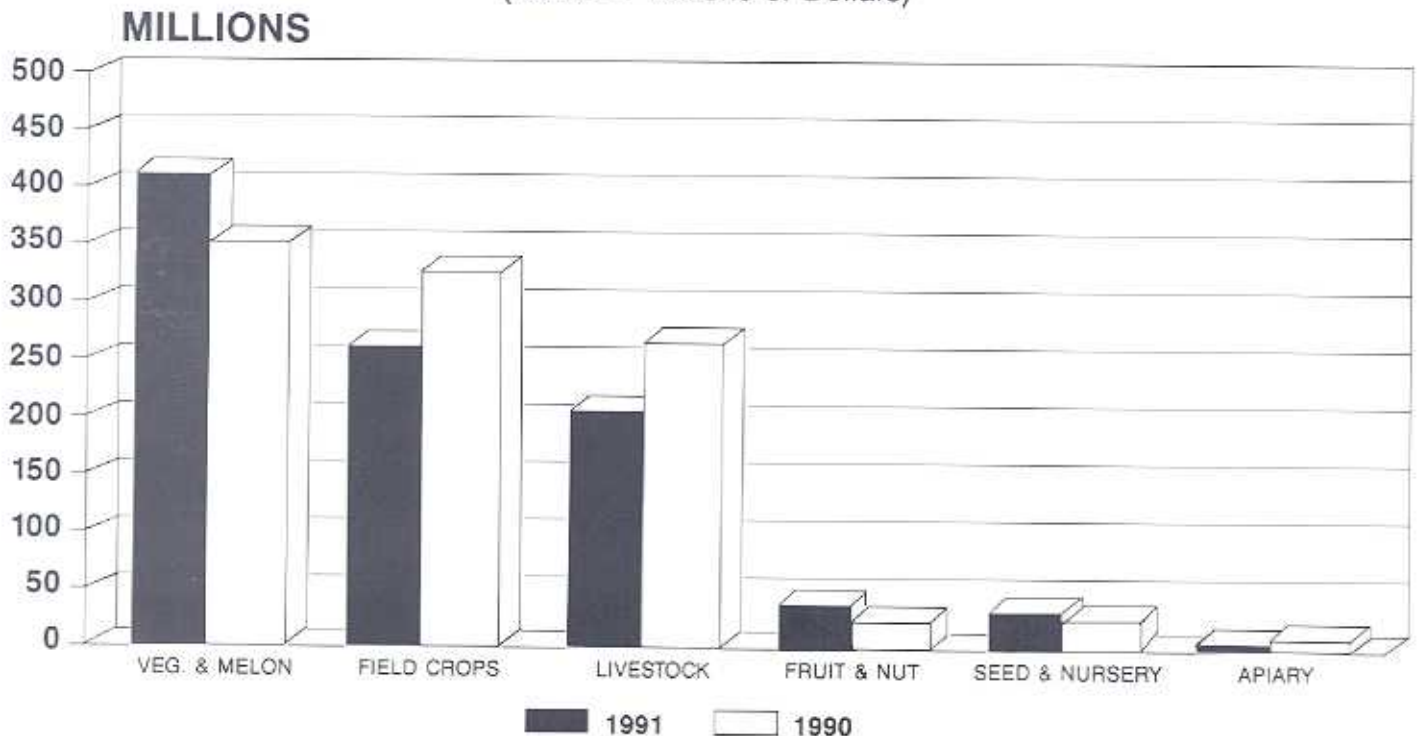


# SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS .....	1991	136,119	\$ 409,470,000
	1990	*149,425	354,868,000
FIELD CROPS .....	1991	380,534	254,895,000
	1990	371,598	346,497,000
LIVESTOCK .....	1991		217,696,000
	1990		264,262,000
FRUIT & NUT CROPS .....	1991	4,433	35,239,000
	1990	3,527	20,915,000
SEED CROPS & NURSERY PRODUCTS .....	1991	40,391	32,833,000
	1990	41,248	26,868,000
APIARY PRODUCTS .....	1991		2,596,000
	1990		3,401,000
<b>TOTAL .....</b>	1991	561,477	\$ 952,729,000
	1990	565,798	1,016,811,000

\* - 1990 Revised

## GROSS VALUE 1991-1990 COMPARISON (Value = Millions of Dollars)



# MILLION DOLLAR PRODUCTS

## 1991 RANKING

## 1990 RANKING

1	CATTLE .....	\$193,530,000	1
2	ALFALFA .....	129,090,000	2
3	LETTUCE .....	109,019,000	4
4	CARROTS .....	52,736,000	5
5	CANTALOUPE .....	49,303,000	3
6	SUGAR BEETS .....	46,448,000	6
7	ONIONS .....	45,964,000	8
8	TOMATOES .....	37,094,000	10
9	SUDANGRASS HAY .....	29,281,000	7
10	CAULIFLOWER .....	25,298,000	12
11	BROCCOLI .....	24,458,000	11
12	MISC. VEGETABLES .....	20,479,000	14
13	ASPARAGUS .....	18,630,000	9
14	LEAF LETTUCE .....	15,824,000	15
15	INDUSTRIAL CROPS .....	12,993,000	17
16	WHEAT .....	12,691,000	13
17	LEMONS .....	12,507,000	26
18	BERMUDAGRASS SEED .....	10,137,000	27
19	TOTAL PASTURE .....	10,132,000	21
20	COTTON (LINT) .....	8,127,000	16
21	DATES .....	8,440,000	25
22	AQUATIC PRODUCTS .....	8,683,000	19
23	SHEEP .....	7,281,000	22
24	MISC. LIVESTOCK .....	7,072,000	18
25	MISC. SEED & NURSERY .....	6,982,000	38
26	ORANGES .....	6,773,000	32
27	WATERMELONS .....	5,687,000	31
28	ONION SEED .....	5,636,000	24
29	ALFALFA SEED .....	5,461,000	20
30	CERTIFIED SEED .....	4,617,000	30
31	MISC. CITRUS, FRUIT & NUT .....	3,521,000	34
32	MISC. FIELD CROPS .....	3,058,000	28
33	HONEYDEW MELONS .....	2,243,000	23
34	GRAPEFRUIT .....	2,230,000	37
35	BALED STRAW .....	1,843,000	35
36	CABBAGE .....	1,712,000	29
37	HONEY .....	1,378,000	**
38	COTTON SEED .....	1,232,000	36
39	POLLINATION .....	1,148,000	33
40	WOOL .....	1,130,000	39
41	MISC. MELONS .....	1,023,000	**

\*\* REPORTED AT LESS THAN ONE MILLION DOLLARS IN 1990



**IMPERIAL COUNTY  
AGRICULTURAL  
CROP & LIVESTOCK  
REPORT**



**1992**

**AGRICULTURAL**  
**SEALER OF WEIGHTS**



**COMMISSIONER**  
**AND MEASURES**

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR  
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850  
TELEPHONE: (619) 339-4314

June 10, 1993

TO: Henry Voss, Director  
Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Imperial  
Wayne Van De Graaff, Chairman  
Bill Cole  
Brad Luckey  
Sam Sharp  
Dean A. Shores

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1992. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The 1992 total agricultural production value was \$855,070,000. This is a 10.25 percent decrease from the 1991 value. The reduction in values were posted principally in the field crop and vegetable crop sectors. The current whitefly infestation is a significant factor in the diminishing values. Livestock showed a strong increase in value of 19.1%. As a measure of how agriculture production impacts the County, for every thousand dollars of total gross value produced, \$200 dollars of personal income is generated to agricultural related jobs.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

Sincerely,

Stephen L. Birdsall  
Agricultural Commissioner



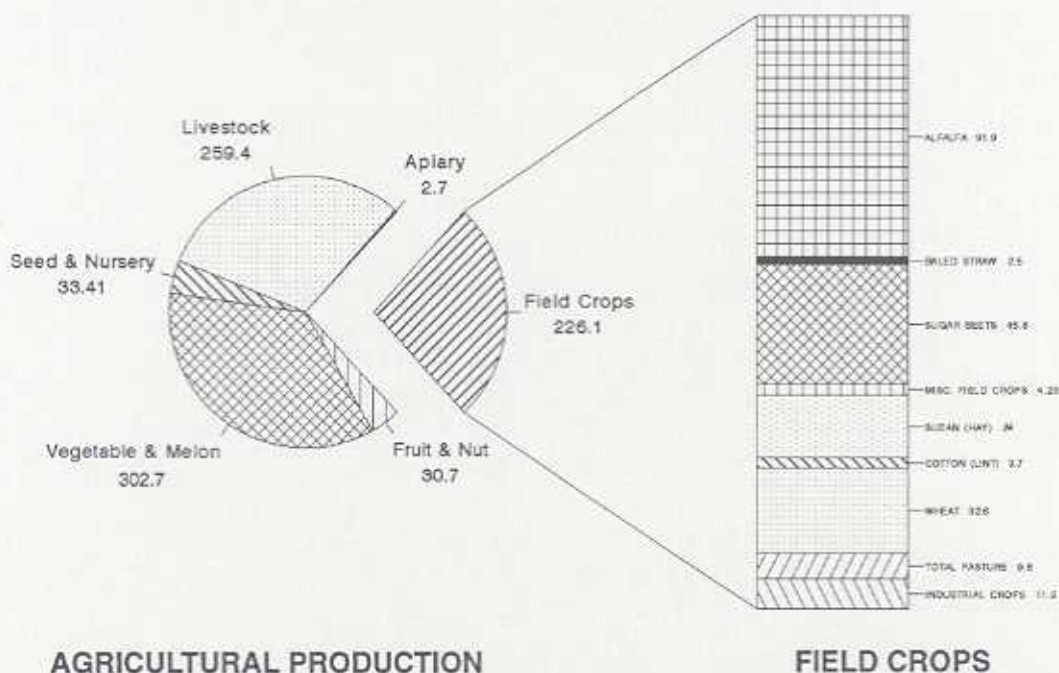
# LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN	UNIT	VALUE PER UNIT	GROSS VALUE	
CATTLE (Feedlot) .....	1992	429,062	B 7.20	3,089,246.40	CWT	B 72.54	224,109,000	
	Finished	1991	401,860	B 6.23	2,502,262.35	CWT	B 72.74	182,022,000
Backgrounded .....	A1992	42,149	B 2.45	103,265.05	CWT	B 74.80	7,724,000	
	A1991	54,799	B 2.80	153,437.20	CWT	B 75.00	11,508,000	
<b>TOTAL CATTLE</b> .....	1992	471,211	6.78	3,192,511.45	CWT	72.62	231,833,000	
	1991	456,659	5.82	2,655,699.55	CWT	72.87	193,530,000	
SHEEP (Feeders) .....	1992	277,750	.58	161,095.00	CWT	64.46	10,384,000	
	1991	270,300	.56	151,368.00	CWT	48.10	7,281,000	
WOOL .....	1992	286,082		1,632,444.00	LBS	C 1.10	1,138,000	
	1991	278,409		1,252,840.50	LBS	C .90	1,130,000	
AQUATIC PRODUCTS .....	1992						7,472,000	
	(Fish & Algae) .....	1991					8,683,000	
MISC. LIVESTOCK .....	1992						8,598,000	
	(Dairy, Dairy Heifers & Swine)	1991					7,072,000	
							<b>VALUE 1992</b>	259,425,000
							<b>VALUE 1991</b>	217,696,000

- A — Backgrounded = Cattle fed but not finished for market  
 B — Based on average gain and price  
 C — Includes estimated government payments

## 1992 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



# FIELD CROPS

CROP	YEAR	ACRES	YIELD PER ACRE		TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA (Cubed & Dehydrated).....	1992	14,269		7.90	112,725.10	TON	75.18	8,475,000
	1991	14,493		8.50	123,190.50	TON	88.46	10,897,000
ALFALFA HAY (Baled).....	1992	175,993		7.90	1,390,344.70	TON	60.00	83,421,000
	1991	192,538		8.50	1,636,573.00	TON	72.22	118,193,000
TOTAL ALFALFA .....	1992	190,262		7.90	1,503,069.80	TON	61.14	91,896,000
	1991	207,031		8.50	1,759,763.50	TON	73.36	129,090,000
COTTON (Lint).....	1992	6,349	A	2.10	13,332.90	BALE	B 275.00	3,667,000
	1991	12,370	A	1.81	22,389.70	BALE	B 363.00	8,127,000
COTTON (Seed).....	1992	6,349		.74	4,666.50	TON	130.00	607,000
	1991	12,370		.75	9,330.91	TON	132.00	1,232,000
INDUSTRIAL CROPS .....	1992							11,303,000
	1991							12,993,000
PASTURE CROPS	1992	115,298		#		ACRE	46.20	5,327,000
Alfalfa .....	1991	125,598		#		ACRE	46.20	5,803,000
Ryegrass .....	1992	9,591		C		ACRE	245.02	2,350,000
	1991	7,698		C		ACRE	245.00	1,886,000
Sugar Beet Tops.....	1992	29,480		#		ACRE	46.20	1,362,000
	1991	34,070		#		ACRE	46.20	1,574,000
Misc. Pasture .....	1992	24,632		#		ACRE	31.26	770,000
	1991	27,785		#		ACRE	31.28	869,000
TOTAL PASTURE.....	1992	179,001				ACRE	54.80	9,809,000
	1991	195,151				ACRE	52.47	10,132,000
BALED STRAW .....	1992				80,436.75	TON	30.63	2,464,000
(Wheat, Bermuda, Alfalfa).....	1991				61,813.50	TON	29.81	1,843,000
SUDANGRASS HAY .....	1992	53,552		6.50	348,088.00	TON	69.00	24,018,000
	1991	66,929		5.00	334,645.00	TON	87.50	29,281,000
SUGAR BEETS .....	1992	39,307		30.08	1,182,188.00	TON	38.54	45,558,000
	1991	37,856		28.23	1,068,485.00	TON	43.47	46,448,000
WHEAT .....	1992	73,526		2.88	211,754.00	TON	154.00	32,610,000
	1991	33,952		2.49	84,608.38	TON	150.00	12,691,000
MISC. FIELD CROPS.....	1992	18,389				TON	229.01	4,211,000
	1991	13,153				TON	57.16	3,058,000
TOTALS 1992 .....	ACRES	415,608					VALUE	226,143,000
TOTALS 1991 .....	ACRES	380,534					VALUE	254,895,000

INDUSTRIAL CROPS = Agricultural waste for fuel and oil seeds

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Ryegrass Hay, Corn, Oats, Sorghum Grain, Sorghum Silage

# = Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

C = Pastured five times



# VEGETABLE AND MELON CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ASPARAGUS</b>							
Harvested .....	1992	5,216	124	645,309	30 LB CTN	31.10	20,072,000
New Seeding.....	1992	240					
Harvested.....	1991	5,961	102	608,430	30 LB CTN	30.62	18,630,000
<b>BROCCOLI (Market) .....</b>							
	1992	9,070	386	3,497,672	26 LB CTN	4.91	17,168,000
	1991	8,764	461	4,404,102	26 LB CTN	5.55	24,458,000
<b>CABBAGE (Market) .....</b>							
	1992	1,217	560	682,006	50 LB CTN	4.88	3,327,000
	1991	1,141	423	482,167	50 LB CTN	3.54	1,712,000
<b>CARROTS</b>							
(Market).....	1992	15,233	815	12,414,895	50 LB BAG	5.75	71,386,000
	1991	9,959	726	7,230,331	50 LB BAG	7.57	52,536,000
Processing & Feed.....	1992		3	45,699	TON	6.39	292,000
	1991		3	31,661	TON	6.32	200,000
<b>TOTAL CARROTS .....</b>	1992	15,233					71,678,000
	1991	9,959					52,736,000
<b>CAULIFLOWER (Market).....</b>							
	1992	7,253	380	2,755,473	23 LB CTN	5.89	16,216,000
	1991	8,399	405	3,401,856	23 LB CTN	7.44	25,298,000
<b>SWEET CORN .....</b>							
<b>FALL &amp; SPRING</b>	1992	3,974	399	1,586,626	50 LB CTN	5.26	8,333,000
	1991	3,149	328	1,032,872	50 LB CTN	7.60	7,854,000
<b>HEAD LETTUCE</b>							
Naked Pack.....	1992	15,680	417	6,541,318	50 LB CTN	3.91	25,577,000
	1991	20,599	363	7,467,248	50 LB CTN	4.61	34,424,000
Wrap Pack.....	1992	10,454	460	4,813,423	40 LB CTN	5.06	24,356,000
	1991	15,539	353	5,494,650	40 LB CTN	5.76	31,649,000
Salad Products.....	1992						12,686,000
Trim & Cored .....	1991						42,946,000
<b>TOTAL HEAD LETTUCE....</b>	1992	26,134					62,619,000
	1991	36,138					109,019,000
<b>LEAF LETTUCE .....</b>							
	1992	5,864	671	3,934,744	35 LB CTN	3.47	13,654,000
	1991	3,892	695	2,704,940	35 LB CTN	5.85	15,824,000
<b>ONIONS</b>							
Market .....	1992	4,112	756	3,109,594	50 LB SACK	5.01	15,579,000
	1991	3,680	796	2,928,763	50 LB SACK	11.74	34,384,000
Processor.....	1992	5,998	18	106,764	TON	77.40	8,264,000
	1991	7,826	19	147,559	TON	78.48	11,580,000
<b>TOTAL ONIONS .....</b>	1992	10,110					23,843,000
	1991	11,506					45,964,000

# VEGETABLE AND MELON CROPS

(continued)

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
<b>TOMATOES</b>							
Market .....	1992	1,606	711	1,141,866	25 LB CTN	3.89	4,442,000
	1991	1,042	1,605	1,672,410	25 LB CTN	15.63	26,140,000
Processor .....	1992	1,877	36	66,878	TON	53.21	3,559,000
	1991	5,490	37	202,801	TON	54.00	10,954,000
<b>MISC. VEGETABLES</b> .....	1992	5,577			TON		17,490,000
	1991	4,430			TON		12,625,000
<b>CANTALOUPES</b>							
Spring .....	1992	12,677	497	6,295,590	40 LB CTN	5.01	31,541,000
	1991	23,273	211	4,914,088	40 LB CTN	9.83	48,302,000
Fall .....	1992	0	0	0	40 LB CTN		
	1991	7,408	20	148,232	40 LB CTN	6.75	1,001,000
<b>TOTAL CANTALOUPES</b> .....	1992	12,677	497	6,295,590	40 LB CTN	5.01	31,541,000
	1991	30,681	165	5,062,320	40 LB CTN	9.74	49,303,000
<b>HONEYDEW MELONS</b>							
Spring .....	1992	297	466	138,411	30 LB CTN	6.04	836,000
	1991	776	257	199,556	30 LB CTN	10.79	2,153,000
Fall .....	1992	0	0	0	30 LB CTN	.00	0
	1991	1,428	10	13,910	30 LB CTN	6.50	90,000
<b>TOTAL HONEYDEWS</b> .....	1992	297	466	138,411	30 LB CTN		836,000
	1991	2,204	96	213,466	30 LB CTN	10.51	2,243,000
<b>MISC. MELONS</b>							
Spring .....	1992	233	382	89,006	30 LB CTN	5.89	524,000
	1991	464	192	88,985	30 LB CTN	11.50	1,023,000
Fall .....	1992	0	0	0	30 LB CTN	.00	0
	1991	313	0	0	30 LB CTN	.00	0
<b>TOTAL MISC. MELONS</b> .....	1992	233	382	89,006	30 LB CTN	5.89	524,000
	1991	777	115	88,985	30 LB CTN	11.50	1,023,000
<b>WATERMELONS</b>							
.....	1992	2,525	22	54,742	TON	135.00	7,390,000
	1991	2,365	11	26,523	TON	214.42	5,687,000
<b>TOTALS 1992</b> .....	<b>ACRES</b>	108,863				<b>VALUE</b>	302,692,000
<b>TOTALS 1991</b> .....	<b>ACRES</b>	136,119				<b>VALUE</b>	409,470,000

MISC. VEGETABLES = Artichokes, Beans, Beets, Bell Peppers, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Fennel, Garlic, Kale, Kohlrabbi, Mustard Greens, Parsnips, Potatoes, Radishes, Rapini, Spinach, Squash, Swiss Chard, Turnips, Fall Cantaloupes, Waterlilies



# FRUIT AND NUT CROPS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
<b>DATES</b>							
Harvested .....	1992	607	4.66	2,828.62	TON	2,140.27	6,054,000
Non-Bearing .....	1992	63					
Harvested .....	1991	615	3.26	2,006.75	TON	4,205.79	8,440,000
<b>GRAPEFRUIT</b>							
Harvested .....	1992	718	14.20	10,194.49	TON	401.59	4,094,000
Non-Bearing .....	1992	253					
Harvested .....	1991	635	10.46	6,640.61	TON	335.89	2,230,000
<b>LEMONS</b>							
Harvested .....	1992	1,700	9.79	16,634.50	TON	863.69	14,367,000
Non-Bearing .....	1992	117					
Harvested .....	1991	1,715	8.57	14,695.84	TON	851.05	12,507,000
<b>ORANGES (NAVELS &amp; VALENCIA)</b>							
Harvested .....	1992	608	8.29	5,039.10	TON	441.75	2,226,000
Non-Bearing .....	1992	112					
Harvested .....	1991	491	19.90	9,769.56	TON	693.26	6,773,000
<b>TANGERINES</b>							
Harvested .....	1992	106	8.48	898.35	TON	756.94	680,000
Non-Bearing .....	1992	416					
Harvested .....	1991	159	10.36	1,646.86	TON	568.01	935,000
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
Harvested .....	1992	567	6.14	3,478.72	TON	785.63	2,733,000
Non-Bearing .....	1992	150					
Harvested .....	1991	818	4.09	3,346.38	TON	1,052.28	3,521,000
<b>CITRUS BY-PRODUCTS</b>							
	1992			18,328.00	TON	32.25	591,000
	1991			14,184.78	TON	58.76	833,000
<b>TOTALS 1992</b> .....	<b>ACRES</b>	4,306				<b>VALUE</b>	30,745,000
<b>TOTALS 1991</b> .....	<b>ACRES</b>	4,433				<b>VALUE</b>	35,239,000

MISC. CITRUS = Limes, Temples and Tangelos

FRUIT AND NUT CROPS = Pecans, Grapes, Peaches, Mangos and Guavas

## SEED CROPS AND NURSERY PRODUCTS

CROP	YEAR	ACRES	UNITS PER GAIN	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED.....	1992	7,099	350.00	2,484,650.00	LBS	.80	1,988,000
	1991	13,742	333.95	4,589,140.90	LBS	1.19	5,461,000
BERMUDAGRASS SEED.....	1992	17,400	510.00	8,874,000.00	LBS	2.13	18,902,000
	1991	13,830	482.20	6,668,826.00	LBS	1.52	10,137,000
ONION SEED.....	1992	2,928	374.95	1,097,850.00	LBS	4.96	5,446,000
	1991	2,536	463.00	1,174,168.00	LBS	4.80	5,636,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY.....	1992	895					4,060,000
	1991	1,539					6,982,000
CERTIFIED SEED.....	1992	8,062					2,996,000
	1991	8,744					4,617,000
<b>TOTALS 1992.....</b>	<b>ACRES</b>	<b>36,384</b>				<b>VALUE</b>	<b>33,392,000</b>
<b>TOTALS 1991.....</b>	<b>ACRES</b>	<b>40,391</b>				<b>VALUE</b>	<b>32,833,000</b>

MISC. FIELD CROP, VEGETABLE AND FLOWER SEED = Artichoke, Asparagus, Broccoli, Carrots, Cantaloupe, Cauliflower, Cucumber, Flowers, Honeydew, Leaf Lettuce, Mustard, Okra, Parsley, Ryegrass, Sesame, Squash, Sudangrass, Swiss Chard, Watermelon

CERTIFIED SEED = Alfalfa, Artichoke, Asparagus, Bermudagrass, Rape, Wheat

## APIARY PRODUCTS

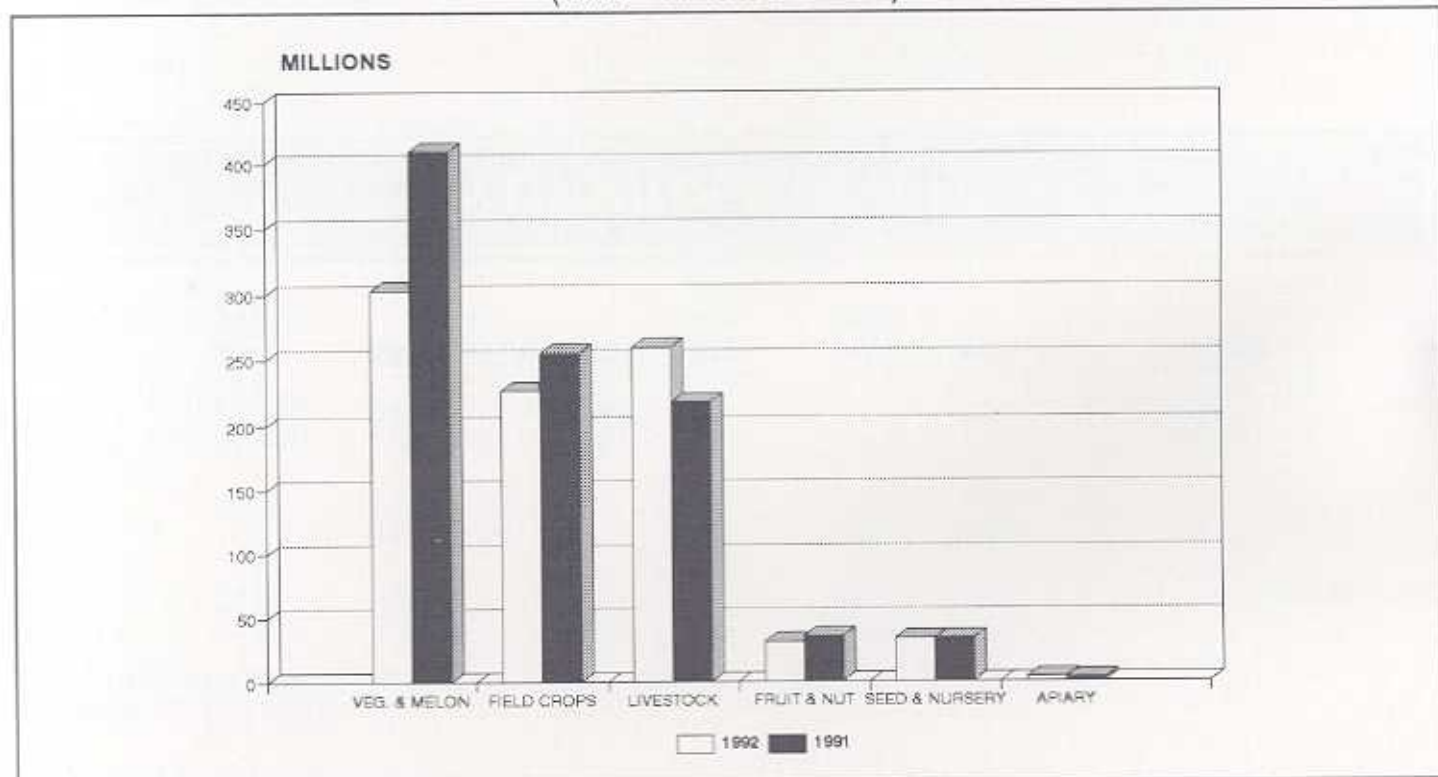
CROP	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY.....	1992	44,311	61.00	2,702,971.00	LBS	.54	1,460,000
	1991	45,065	67.58	2,655,627.08	LBS	.52	1,378,000
WAX.....	1992	42,354	1.20	50,861.00	LBS	1.26	64,000
	1991	44,525	1.31	59,711.96	LBS	1.17	70,000
POLLINATION.....	1992	63,840			COL	18.00	1,149,000
	1991	62,079			COL	18.49	1,148,000
						<b>VALUE 1992</b>	<b>2,673,000</b>
						<b>VALUE 1991</b>	<b>2,596,000</b>



# 1992 SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS .....	1992	108,863	\$302,692,000
	1991	136,119	409,470,000
FIELD CROPS .....	1992	415,608	226,143,000
	1991	380,534	254,895,000
LIVESTOCK.....	1992		259,425,000
	1991		217,696,000
FRUIT & NUT CROPS.....	1992	4,306	30,745,000
	1991	4,433	35,239,000
SEED & NURSERY CROPS.....	1992	36,384	33,392,000
	1991	40,391	32,833,000
APIARY PRODUCTS.....	1992		2,673,000
	1991		2,596,000
TOTAL.....	1992	565,161	\$855,070,000
	1991	561,477	952,729,000

## GROSS VALUE 1992-1991 COMPARISON (Value = Millions of Dollars)



# MILLION DOLLAR PRODUCTS

**1992  
RANKING**

**1991  
RANKING**

1992 RANKING	Product	Value	1991 RANKING
1	CATTLE .....	\$231,833,000	1
2	ALFALFA .....	91,896,000	2
3	CARROTS .....	71,678,000	4
4	LETTUCE .....	62,619,000	3
5	SUGAR BEETS .....	45,558,000	6
6	WHEAT .....	32,610,000	16
7	CANTALOUPE .....	31,541,000	5
8	SUDANGRASS HAY .....	24,018,000	9
9	ONIONS .....	23,843,000	7
10	ASPARAGUS .....	20,072,000	13
11	BERMUDAGRASS SEED .....	18,902,000	18
12	MISC. VEGETABLES .....	17,490,000	12
13	BROCCOLI .....	17,168,000	11
14	CAULIFLOWER .....	16,216,000	10
15	LEMONS .....	14,367,000	17
16	LEAF LETTUCE .....	13,654,000	14
17	INDUSTRIAL CROPS .....	11,303,000	15
18	SHEEP .....	10,384,000	23
19	TOTAL PASTURE .....	9,809,000	19
20	MISC. LIVESTOCK .....	8,598,000	24
21	SWEET CORN .....	8,333,000	*
22	AQUATIC PRODUCTS .....	7,472,000	22
23	WATERMELONS .....	7,390,000	27
24	DATES .....	6,045,000	21
25	ONION SEED .....	5,446,000	28
26	TOMATOES - MARKET .....	4,442,000	#
27	MISC. FIELD CROPS .....	4,211,000	32
28	GRAPEFRUIT .....	4,094,000	34
29	MISC. SEED & NURSERY .....	4,060,000	25
30	COTTON .....	3,667,000	20
31	TOMATOES - PROCESSOR .....	3,559,000	#
32	CABBAGE .....	3,327,000	36
33	CERTIFIED SEED .....	2,996,000	30
34	MISC. CITRUS, FRUITS & NUTS .....	2,733,000	31
35	BALED STRAW .....	2,464,000	35
36	ORANGES .....	2,226,000	26
37	ALFALFA SEED .....	1,988,000	29
38	HONEY .....	1,460,000	37
39	POLLINATION .....	1,149,000	39
40	WOOL .....	1,138,000	40

NEW FOR 1992 ..... \*

COMBINED TOTAL IN 1992 ..... #



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IMPERIAL COUNTY  
1993 AGRICULTURAL  
CROP & LIVESTOCK  
REPORT



**Agricultural Commissioner / Director of Weights And Measures / Air Quality Control**

Stephen L. Birdsall

**Assistant Agricultural Commissioner / Director of Weights & Measures / Air Quality Control**

Miguel A. Monroy

**Deputy Agricultural Commissioner**

Dick S. Dillon, Standardization, Pest Exclusion, Seed Law

Martin D. Fitzurka, Weights and Measures

Clifford A. Gruenberg, Pesticide Use Enforcement

Connie L. Valenzuela, Detection and Eradication

**Deputy Air Quality Control Officer**

Jeannette Bryant, Compliance, Rules

Gaspar Torres, Permitting, Monitoring

**Whitefly Program Coordinator**

David Ritter

**Plant Pathologist / Entomologist**

Richard C. Weddle, PhD.

**Lead Agricultural Biologist**

Jim Donnelly    Linda Evans    Doug Gertenbach    Roger Jacobs    Louis Poloni

**Agricultural Biologist III**

Victor Carrera    Phyllis L. Cason    Robert Garcia    Charlotte Murray

Robert Powell    Carlos Ortiz    Michael Seitz

**Agricultural Biologist II**

Jolene Carson    Bhupinder-Dhillon    Frank Duarte    Jim Johnson

Licia Mecate    Ramon Ortega    Allan Starr

**Air Quality Control Engineer**

Harry Dillon    Robert Fischer    Reyes Romero

**Air Quality Control Technician**

Don McElvany    Brad Poiriez

**Air Quality Control Inspector**

Christopher Lillegard

**Office Supervisor**

Marlene Brown

**Office Technician**

Silvia Murray

**Account Clerk III**

Monica Bugarin-Soucier

**Office Assistant III**

Paula Goff    Roxana Korinetz

**Office Assistant II**

Matilda Barros    Teresa Cartwright

Karen Scott    Liz Urias

**Seasonal Agricultural Biologists**

Shawn Akin

Paul Andaverde

Jose Barajas

William Beasley

Robert Beeman

Jonnie Jean Bolin

Darrell Byrd

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Sandi Diaz

Francisco Garcia

Tony Green

Charles Holmes

Howard Jencks

Bobby Lee

Danny Levy

Joe Lorance

Jonhenry Luke

Joseph McKim

Rosalio Mendoza

Matthew Mills

Lamar Parker

Anthony Pavao

Luis Pineda

Tommy Spradling

Suzanne Thetford

Ramona Vargas

Jose Zuniga



**AGRICULTURAL**  
**SEALER OF WEIGHTS**



**COMMISSIONER**  
**AND MEASURES**

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR  
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850  
TELEPHONE: (619) 339-4314

May 26, 1994

TO: Henry Voss, Director  
Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Imperial  
Sam Sharp, Chairman  
Bill Cole  
Brad Luckey  
Dean A. Shores  
Wayne VanDeGraaff

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1993. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1993 was \$1,020,513,000. This is a 19.35 percent increase from the 1992 value. The increases in values were posted in the vegetable crop (41%), field crop (18%) and livestock (1%) sectors. This increase was a direct result of higher pricing coupled with increased yields. The whitefly infestation is a significant factor in the reduction of acreage in the vegetable (13%) and field (2%) crops. The fall melon crop has nearly been eliminated. As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, 212 dollars of personal income is generated to agriculturally related jobs.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

Sincerely,

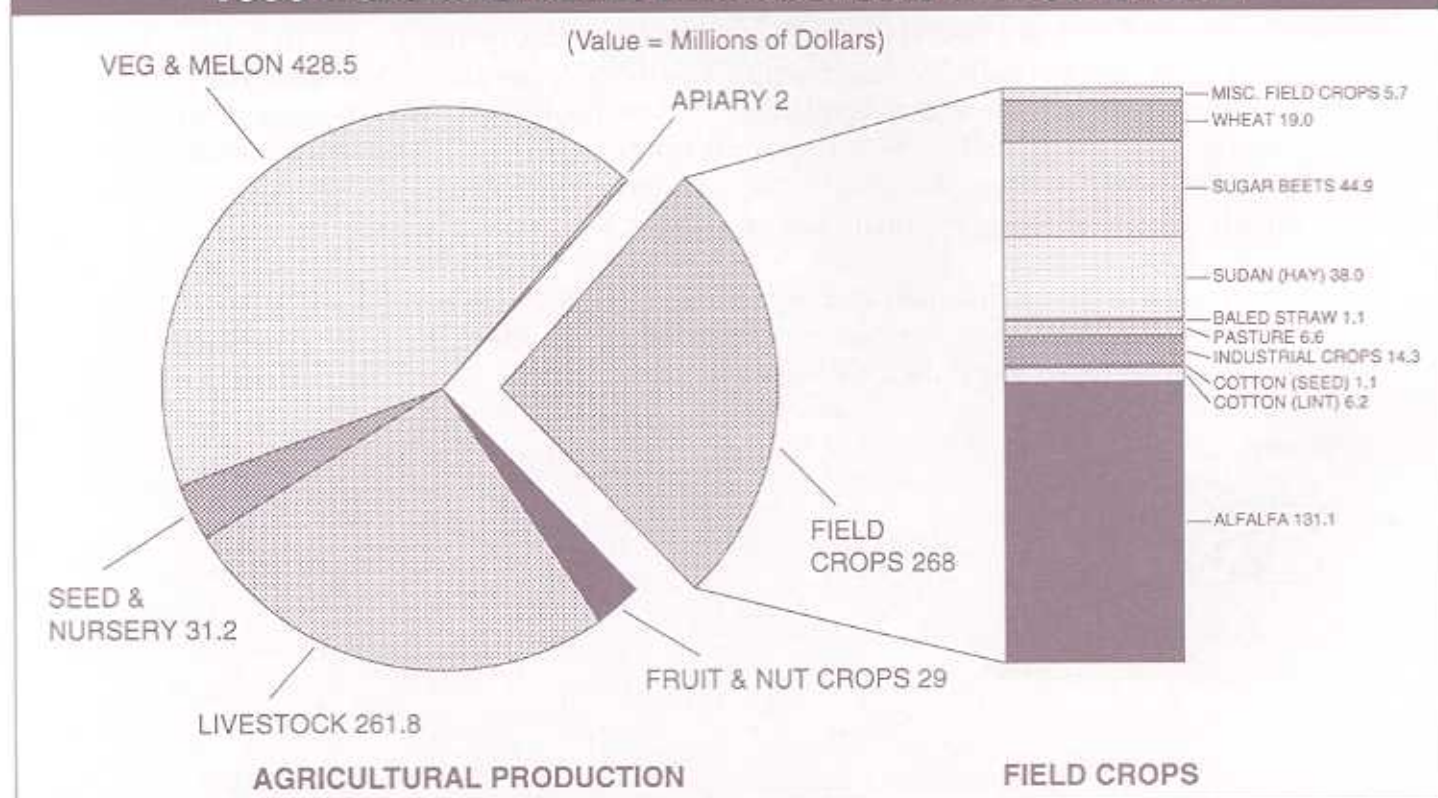
Stephen L. Birdsall  
Agricultural Commissioner

# LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot) .....	1993	288,307	B 7.86	2,267,332.08	CWT	B 72.53	164,447,000
	Finished	1992	429,062	B 7.20	3,089,246.40	CWT	B 72.54
Backgrounded .....	A1993	89,525	B 8.46	757,381.50	CWT	B 84.50	63,999,000
	A1992	42,149	B 2.45	103,265.05	CWT	B 74.80	7,724,000
<b>TOTAL CATTLE</b> .....	1993	377,832	8.01	3,024,713.58	CWT	75.53	228,446,000
	1992	471,211	6.78	3,192,511.45	CWT	72.62	231,833,000
SHEEP (Feeders) .....	1993	297,735	0.44	131,003.40	CWT	73.93	9,685,000
	1992	277,750	0.58	161,095.00	CWT	64.46	10,384,000
WOOL .....	1993	306,667		1,564,001.70	LBS	C 1.00	1,563,000
	1992	286,082		1,632,444.00	LBS	C 1.10	1,138,000
AQUATIC PRODUCTS .....	1993						7,678,000
	(Fish & Algae) .....	1992					7,472,000
MISC. LIVESTOCK .....	1993						14,437,000
	(Dairy, Dairy Heifers, Swine, Goats, Rabbits, Cavies & Poultry)	1992					8,598,000
<b>VALUE 1993</b>							261,809,000
<b>VALUE 1992</b>							259,425,000

A — Backgrounded = Cattle fed but not finished for market  
 B — Based on average gain and price  
 C — Includes estimated government payments

## 1993 AGRICULTURAL PRODUCTION GROSS VALUE





# FIELD CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA (Cubed & Greenchopped)....	1993	10,567	8.00	84,537.12	TON	82.45	6,970,000
	1992	14,269	7.90	112,725.10	TON	75.18	8,475,000
ALFALFA HAY (Baled).....	1993	165,552	8.15	1,349,248.80	TON	92.00	124,131,000
	1992	175,993	7.90	1,390,344.70	TON	60.00	83,421,000
<b>TOTAL ALFALFA</b> .....	1993	176,119	8.14	1,433,785.92	TON	91.44	131,101,000
	1992	190,262	7.90	1,503,069.80	TON	61.14	91,896,000
COTTON (Lint).....	1993	8,919	A 2.67	23,813.73	BALE	B 260.00	6,192,000
	1992	6,349	A 2.10	13,332.90	BALE	B 275.00	3,667,000
COTTON (Seed).....	1993	8,919	.93	8,334.81	TON	130.00	1,084,000
	1992	6,349	.74	4,666.52	TON	130.00	607,000
INDUSTRIAL CROPS .....	1993						14,265,000
	1992						11,303,000
PASTURE CROPS	1993	105,898	#		ACRE	35.70	3,781,000
Alfalfa .....	1992	115,298	#		ACRE	46.20	5,327,000
Ryegrass .....	1993	6,227	C		ACRE	175.00	1,090,000
	1992	9,591	C		ACRE	245.02	2,350,000
Sugar Beet Tops .....	1993	19,247	#		ACRE	35.00	674,000
	1992	29,480	#		ACRE	46.20	1,362,000
Misc. Pasture.....	1993	27,077	#		ACRE	37.74	1,022,000
	1992	24,632	#		ACRE	31.26	770,000
<b>TOTAL PASTURE</b> .....	1993	158,449					6,567,000
	1992	179,001					9,809,000
BALED STRAW .....	1993			46,283.73	TON	23.49	1,087,000
	1992			80,436.75	TON	30.63	2,464,000
SUDANGRASS HAY .....	1993	59,822	7.63	456,441.86	TON	83.33	38,037,000
	1992	53,552	6.50	348,088.00	TON	69.00	24,018,000
SUGAR BEETS.....	1993	38,494	30.18	1,161,733.00	TON	38.66	44,913,000
	1992	39,307	30.08	1,182,188.00	TON	38.54	45,558,000
WHEAT .....	1993	54,598	2.78	151,782.44	TON	125.33	19,023,000
	1992	73,526	2.88	211,754.88	TON	154.00	32,610,000
MISC. FIELD CROPS.....	1993	19,597			TON	87.46	5,742,000
	1992	18,389			TON	229.01	4,211,000
<b>TOTALS 1993</b> .....	<b>ACRES</b>	404,223				<b>VALUE</b>	268,011,000
<b>TOTALS 1992</b> .....	<b>ACRES</b>	415,608				<b>VALUE</b>	226,143,000

INDUSTRIAL CROPS = Agricultural waste for fuel and oil seeds

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Ryegrass Hay, Corn, Oats, Sorghum Grain, Sorghum Silage

# = Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

C = Pastured five times

# VEGETABLE AND MELON CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ASPARAGUS</b>							
Harvested .....	1993	6,184	141	870,276	30 LB CTN	29.72	25,865,000
New Seeding .....	1993	25					
Harvested .....	1992	5,216	124	645,309	30 LB CTN	31.10	20,072,000
<b>BROCCOLI (Market)</b>							
.....	1993	5,389	492	2,652,084	26 LB CTN	7.39	19,599,000
.....	1992	9,070	386	3,497,672	26 LB CTN	4.91	17,168,000
<b>CABBAGE (Market)</b>							
.....	1993	895	622	556,718	50 LB CTN	5.30	2,951,000
.....	1992	1,217	560	682,006	50 LB CTN	4.88	3,327,000
<b>CARROTS</b>							
Market .....	1993	14,811	956	14,156,354	50 LB BAG	6.76	95,668,000
.....	1992	15,233	815	12,414,895	50 LB BAG	5.75	71,386,000
Processing & Feed .....	1993		2.71	40,110	TON	5.86	235,000
.....	1992		3.00	45,699	TON	6.39	292,000
<b>TOTAL CARROTS</b> .....	1993	14,811					95,903,000
.....	1992	15,233					71,678,000
<b>CAULIFLOWER (Market)</b>							
.....	1993	4,167	468	1,948,793	23 LB CTN	8.39	16,350,000
.....	1992	7,253	380	2,755,473	23 LB CTN	5.89	16,216,000
<b>HEAD LETTUCE</b>							
Naked Pack .....	1993	13,954	494	6,891,702	50 LB CTN	7.24	49,896,000
.....	1992	15,680	417	6,541,318	50 LB CTN	3.91	25,577,000
Wrap Pack .....	1993	7,514	510	3,828,724	40 LB CTN	8.54	32,697,000
.....	1992	10,454	460	4,813,423	40 LB CTN	5.06	24,356,000
Salad Products and Trim & Cored .....	1993						11,839,000
.....	1992						12,686,000
<b>TOTAL HEAD LETTUCE</b> .....	1993	21,468					94,432,000
.....	1992	26,134					62,619,000
<b>LEAF LETTUCE</b>							
.....	1993	3,882	733	2,845,506	35 LB CTN	9.22	26,236,000
.....	1992	5,864	671	3,934,744	35 LB CTN	3.47	13,654,000
<b>ONIONS</b>							
Market .....	1993	3,576	753	2,691,651	50 LB SACK	8.29	22,314,000
.....	1992	4,112	756	3,109,594	50 LB SACK	5.01	15,579,000
Processor .....	1993	7,106	17.00	118,779	TON	76.97	9,143,000
.....	1992	5,998	17.80	106,764	TON	77.40	8,264,000
<b>TOTAL ONIONS</b> .....	1993	10,682					31,457,000
.....	1992	10,110					23,843,000



# VEGETABLE AND MELON CROPS

(continued)

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
SWEET CORN FALL & SPRING	1993	3,218	303	974,024	50 LB CTN	6.60	6,429,000
	1992	3,974	399	1,585,626	50 LB CTN	5.26	8,333,000
<b>TOMATOES</b>							
Market	1993	958	1,136	1,088,173	25 LB CTN	11.67	12,704,000
	1992	1,606	711	1,141,866	25 LB CTN	3.89	4,442,000
Processor	1993	2,500	35.13	87,830	TON	57.50	5,050,000
	1992	1,877	36.00	66,878	TON	53.21	3,559,000
TOTAL TOMATOES	1993	3,458					17,754,000
	1992	3,483					8,001,000
<b>MISC. VEGETABLES</b>							
MISC. VEGETABLES	1993	4,356					16,798,000
	1992	5,577					17,490,000
<b>CANTALOUPE</b>							
Spring	1993	13,160	631	8,297,430	40 LB CTN	6.83	56,671,000
	1992	12,677	497	6,295,590	40 LB CTN	5.01	31,541,000
Fall	1993	695	343	238,382	40 LB CTN	10.23	2,439,000
	*1992	0	0	0	40 LB CTN	0.00	0
TOTAL CANTALOUPE	1993	13,855	616	8,535,812	40 LB CTN	6.92	59,110,000
	1992	12,677	497	6,295,590	40 LB CTN	5.01	31,541,000
<b>HONEYDEW &amp; MISC. MELONS</b>							
Spring and Fall	1993	1,040	751	781,201	40 LB CTN	6.64	5,190,000
	1992	530	429	227,417	40 LB CTN	5.98	1,360,000
<b>WATERMELONS</b>							
WATERMELONS	1993	2,596	22	58,197	TON	180.00	10,475,000
	1992	2,525	22	54,742	TON	135.00	7,390,000
TOTALS 1993	ACRES	96,001				VALUE	428,549,000
TOTALS 1992	ACRES	108,863				VALUE	302,692,000

MISC VEGETABLES = Artichokes, Beans, Beets, Bell Peppers, Celery, Chinese Vegetables, Cilantro, Collards, Eggplant, Endive, Garlic, Herbs, Kale, Mustard Greens, Okra, Parsley, Parsnips, Potatoes, Radishes, Rapini, Rutabagas, Spinach, Squash, Swiss Chard, Turnips and Water Lilies

\*1992 Fall Cantaloupes are listed in Miscellaneous Vegetables

# FRUIT AND NUT CROPS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
<b>DATES</b>							
Harvested .....	1993	718	4.40	3,159.20	TON	3,915.55	12,370,000
Non-Bearing .....	1993	227					
Harvested .....	1992	607	4.66	2,828.62	TON	2,140.27	6,054,000
<b>GRAPEFRUIT</b>							
Harvested .....	1993	718	13.22	9,489.09	TON	275.37	2,613,000
Non-Bearing .....	1993	253					
Harvested .....	1992	718	14.20	10,194.49	TON	401.59	4,094,000
<b>LEMONS</b>							
Harvested .....	1993	1,756	7.49	13,152.44	TON	569.48	7,490,000
Non-Bearing .....	1993	297					
Harvested .....	1992	1,700	9.79	16,634.50	TON	863.69	14,367,000
<b>ORANGES (NAVELS &amp; VALENCIA)</b>							
Harvested .....	1993	608	7.89	4,794.48	TON	382.73	1,835,000
Non-Bearing .....	1993	112					
Harvested .....	1992	608	8.29	5,039.10	TON	441.75	2,226,000
<b>TANGERINES</b>							
Harvested .....	1993	106	10.99	1,164.94	TON	517.62	603,000
Non-Bearing .....	1993	576					
Harvested .....	1992	106	8.48	898.35	TON	756.94	680,000
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
Harvested .....	1993	601	6.12	3,675.12	TON	859.84	3,160,000
Non-Bearing .....	1993	132					
Harvested .....	1992	567	6.14	3,478.72	TON	785.63	2,733,000
<b>CITRUS BY-PRODUCTS</b>							
	1993			17,304.55	TON	51.03	883,000
	1992			18,328.00	TON	32.25	591,000
<b>TOTALS 1993</b> .....	<b>ACRES</b>	4,507				<b>VALUE</b>	28,954,000
<b>TOTALS 1992</b> .....	<b>ACRES</b>	4,306				<b>VALUE</b>	30,745,000

MISC. CITRUS = Limes, Temples and Tangelos  
 FRUIT AND NUT CROPS = Pecans, Grapes, Peaches, Mangos and Guavas



## SEED CROPS AND NURSERY PRODUCTS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED .....	1993	5,582	353	1,970,446	LBS	1.14	2,256,000
	1992	7,099	350	2,484,650	LBS	0.80	1,988,000
BERMUDAGRASS SEED .....	1993	15,558	365	5,678,670	LBS	1.73	9,796,000
	1992	17,400	510	8,874,000	LBS	2.13	18,902,000
ONION SEED .....	1993	2,925	252	737,100	LBS	8.52	6,280,000
	1992	2,928	375	1,097,850	LBS	4.96	5,446,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY .....	1993	833					6,165,000
	1992	895					4,060,000
CERTIFIED SEED .....	1993	12,258					6,686,000
	1992	8,062					2,996,000
<b>TOTALS 1993 .....</b>	<b>ACRES</b>	<b>37,156</b>				<b>VALUE</b>	<b>31,183,000</b>
<b>TOTALS 1992 .....</b>	<b>ACRES</b>	<b>36,384</b>				<b>VALUE</b>	<b>33,392,000</b>

MISC. FIELD, VEGETABLE AND FLOWER SEED CROPS = Artichoke, Asparagus, Beet, Broccoli, Carrots, Celery, Cauliflower, Flax, Flowers, Herbs, Kale, Mustard, Okra, Parsley, Radish, Rhubarb, Ryegrass, Sesbania, Squash, Sudangrass, Swiss Chard

CERTIFIED SEED = Alfalfa, Artichoke, Asparagus, Bermudagrass, Flax, Oats, Rape, Sudangrass, Wheat

## APIARY PRODUCTS

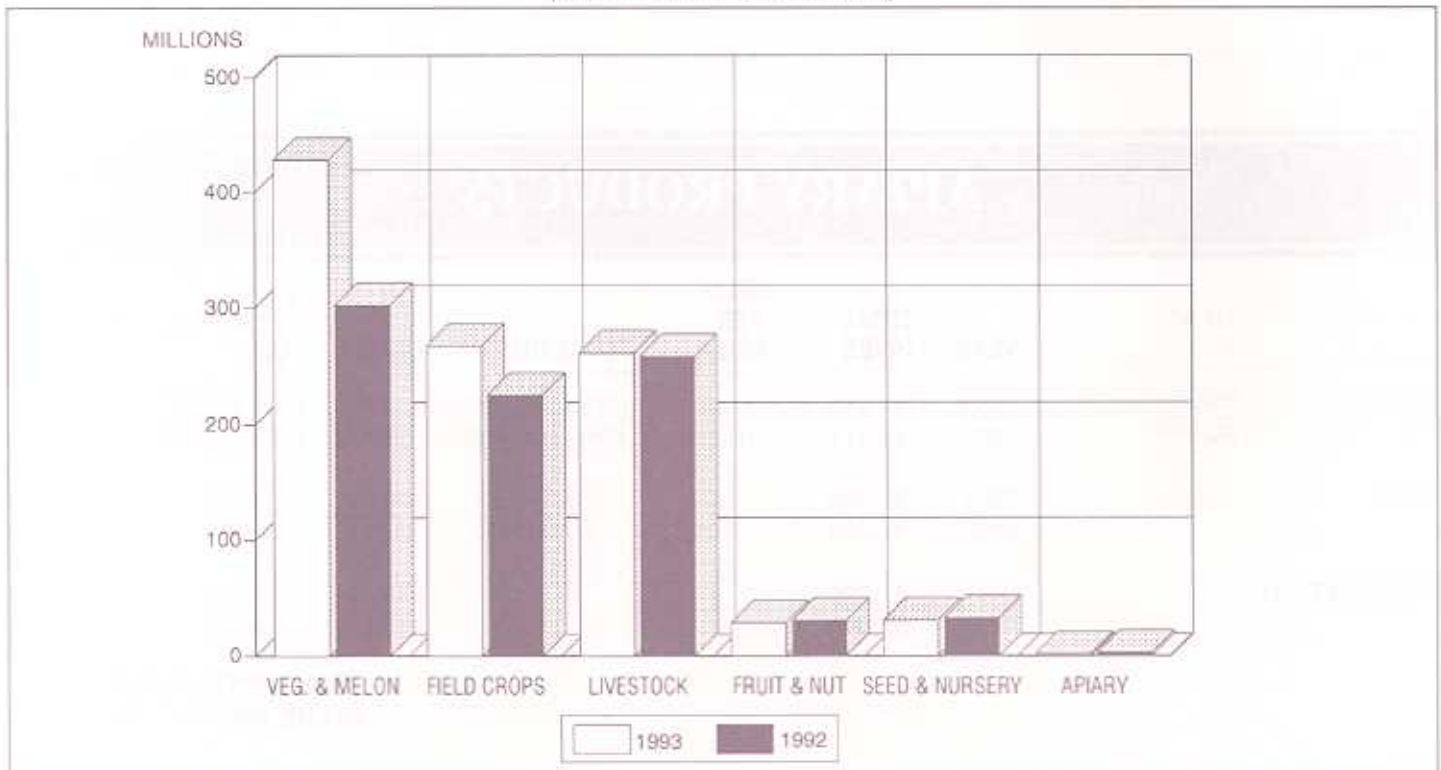
	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY .....	1993	36,429	59.83	2,179,494.00	LBS	0.53	1,153,000
	1992	44,311	61.00	2,702,971.00	LBS	0.54	1,460,000
WAX .....	1993	36,189	1.07	38,590.39	LBS	1.35	52,000
	1992	42,354	1.20	50,861.00	LBS	1.26	64,000
POLLINATION .....	1993	44,225			COL	18.13	802,000
	1992	63,840			COL	18.00	1,149,000
						<b>VALUE 1993</b>	<b>2,007,000</b>
						<b>VALUE 1992</b>	<b>2,673,000</b>

# 1993 SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS .....	1993	96,001	428,549,000
	1992	108,863	302,692,000
FIELD CROPS .....	1993	404,223	268,011,000
	1992	415,608	226,143,000
LIVESTOCK .....	1993		261,809,000
	1992		259,425,000
FRUIT & NUT CROPS .....	1993	4,507	28,954,000
	1992	4,306	30,745,000
SEED & NURSERY CROPS .....	1993	37,156	31,183,000
	1992	36,384	33,392,000
APIARY PRODUCTS .....	1993		2,007,000
	1992		2,673,000
<b>TOTALS .....</b>	1993	541,887	1,020,513,000
	1992	565,161	855,070,000

## GROSS VALUE 1993-1992 COMPARISON

(Value = Millions of Dollars)





## MILLION DOLLAR PRODUCTS

**1993  
RANKING**

**1992  
RANKING**

1	CATTLE .....	\$228,446,000	1
2	ALFALFA .....	131,101,000	2
3	CARROTS .....	95,903,000	3
4	LETTUCE .....	94,432,000	4
5	CANTALOUPE .....	59,110,000	7
6	SUGAR BEETS .....	44,913,000	5
7	SUDANGRASS HAY .....	38,037,000	8
8	ONIONS .....	31,457,000	9
9	LEAF LETTUCE .....	26,236,000	16
10	ASPARAGUS .....	25,865,000	10
11	BROCCOLI .....	19,599,000	13
12	WHEAT .....	19,023,000	6
13	MISC. VEGETABLES .....	16,798,000	12
14	CAULIFLOWER .....	16,350,000	14
15	MISC. LIVESTOCK .....	14,437,000	20
16	INDUSTRIAL CROPS .....	14,265,000	17
17	TOMATOES - MARKET .....	12,704,000	26
18	DATES .....	12,370,000	24
19	WATERMELONS .....	10,475,000	23
20	BERMUDAGRASS SEED .....	9,796,000	11
21	SHEEP .....	9,685,000	18
22	AQUATIC PRODUCTS .....	7,678,000	22
23	LEMONS .....	7,490,000	15
24	CERTIFIED SEED .....	6,686,000	33
25	TOTAL PASTURE .....	6,567,000	19
26	SWEET CORN .....	6,429,000	21
27	ONION SEED .....	6,280,000	25
28	COTTON LINT .....	6,192,000	30
29	MISC. SEED & NURSERY .....	6,165,000	29
30	MISC. FIELD CROPS .....	5,742,000	27
31	HONEYDEW & MISC. MELONS .....	5,190,000	*
32	TOMATOES - PROCESSOR .....	5,050,000	31
33	MISC. CITRUS, FRUITS & NUTS .....	3,160,000	34
34	CABBAGE .....	2,951,000	32
35	GRAPEFRUIT .....	2,613,000	28
36	ALFALFA SEED .....	2,256,000	37
37	ORANGES .....	1,835,000	36
38	WOOL .....	1,563,000	40
39	HONEY .....	1,153,000	38
40	BALED STRAW .....	1,087,000	35
41	COTTON SEED .....	1,084,000	*

\*NEW FOR 1993

**1994**  
**IMPERIAL COUNTY**  
**AGRICULTURAL CROP**  
**AND LIVESTOCK REPORT**





**AGRICULTURAL**  
**SEALER OF WEIGHTS**



**COMMISSIONER**  
**AND MEASURES**

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR  
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850  
TELEPHONE: (619) 339-4314

June 15, 1995

TO: Ann Veneman, Secretary  
California Department of Food and Agriculture  
And  
The Honorable Board of Supervisors  
County of Imperial  
Brad Luckey, Chairman  
Bill Cole  
Dean A. Shores  
Wayne VanDeGraaff  
Sam Sharp

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1994. This report is a summary of acreage, yields and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1994 was \$954,534,000. This is a 6.47% decrease from the 1993 value. The reduction in values were posted in vegetable and melon (18.29%), apiary (13.5%), livestock (7.33%) and seed and nursery (6.96%) sectors. Lower prices coupled with lower yields are the principal causes for the decrease in gross values. Increased values posted in field (12.29%) and fruit and nut (3.8%) sectors were a direct result of increased acreage, yields and prices. The whitefly infestation continues to be a significant factor impacting the agricultural practices in our County and contributes to the general decline in gross value. As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, 206 dollars of personal income is generated by agriculturally related jobs.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

Sincerely,

A handwritten signature in dark ink, appearing to be "S. Birdsall", written over a faint circular stamp.

Stephen L. Birdsall  
Agricultural Commissioner

# LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN*	UNIT	VALUE PER UNIT	GROSS VALUE	
CATTLE (Feedlot)..... Finished	1994	287,083	B 8.20	2,352,932	CWT	B 63.70	149,882,000	
	1993	288,307	B 7.86	2,267,332	CWT	B 72.53	164,447,000	
Backgrounded .....	A1994	55,628	B 8.66	481,738	CWT	B108.50	52,269,000	
	A1993	89,525	B 8.46	757,382	CWT	B 84.50	63,999,000	
TOTAL CATTLE .....	1994	342,711	8.27	2,834,671	CWT	71.31	202,151,000	
	1993	377,832	8.01	3,024,714	CWT	75.53	228,446,000	
SHEEP (Feeders) .....	1994	339,806	0.48	161,408	CWT	74.25	11,985,000	
	1993	297,735	0.44	131,003	CWT	73.93	9,685,000	
WOOL.....	1994	350,000		1,706,250	LBS	1.58	2,696,000	
	1993	306,667		1,564,002	LBS	1.00	1,563,000	
AQUATIC PRODUCTS .....	1994						8,733,000	
	1993						7,678,000	
MISC. LIVESTOCK .....	1994						17,049,000	
	1993						14,437,000	
							VALUE 1994	242,614,000
							VALUE 1993	261,809,000

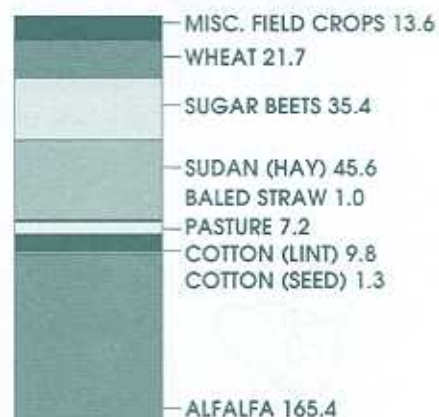
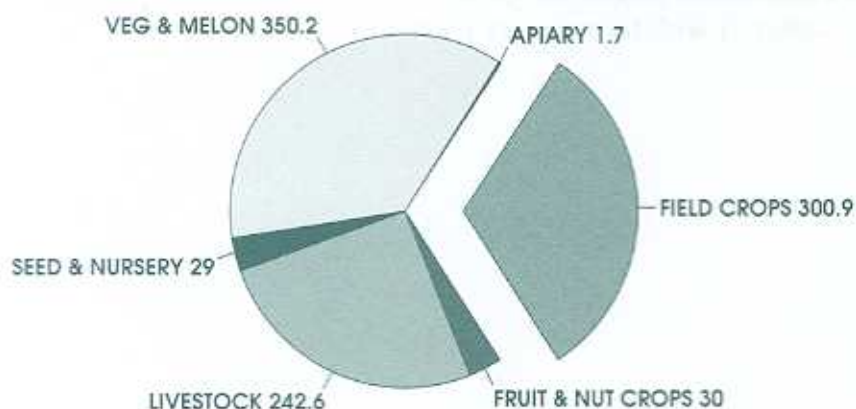
\* GAIN MAY NOT TOTAL DUE TO ROUNDING

A - Backgrounded = Cattle fed but not finished for market

B - Based on average gain and price

## 1994 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



AGRICULTURAL PRODUCTION

FIELD CROPS



# FIELD CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA ..... (Cubed & Greenchopped)	1994	7,651	8.75	66,946.25	TON	92.50	6,193,000
	1993	10,567	8.00	84,537.12	TON	82.45	6,970,000
ALFALFA HAY (Baled) .....	1994	183,617	7.88	1,446,901.96	TON	110.00	159,159,000
	1993	165,552	8.15	1,349,248.80	TON	92.00	124,131,000
TOTAL ALFALFA .....	1994	191,268	7.91	1,513,848.21	TON	109.23	165,352,000
	1993	176,119	8.14	1,433,785.92	TON	91.44	131,101,000
COTTON (Lint) .....	1994	9,176	2.82	A 25,876.32	BALE	377.50	B 9,768,000
	1993	8,919	2.67	A 23,813.73	BALE	260.02	B 6,192,000
COTTON (Seed) .....	1994	9,176	1.06	9,703.62	TON	130.00	1,261,000
	1993	8,919	0.93	8,334.81	TON	130.06	1,084,000
<b>PASTURE CROPS</b>							
Alfalfa .....	1994	116,022	#		ACRE	36.40	4,223,000
	1993	105,898	#		ACRE	35.70	3,781,000
Ryegrass .....	1994	4,987	C		ACRE	254.80	1,271,000
	1993	6,227	C		ACRE	175.00	1,090,000
Sugar Beet Tops .....	1994	2,767	#		ACRE	37.33	103,000
	1993	19,247	#		ACRE	35.00	674,000
Misc. Pasture .....	1994	33,044	#		ACRE	48.30	1,596,000
	1993	27,077	#		ACRE	37.74	1,022,000
TOTAL PASTURE .....	1994	156,820					7,193,000
	1993	158,449					6,567,000
BALED STRAW .....	1994			31,392.20	TON	32.67	1,026,000
	1993			46,283.73	TON	23.49	1,087,000
SUDANGRASS HAY .....	1994	78,878	6.60	520,594.80	TON	87.58	45,594,000
	1993	59,822	7.63	456,441.86	TON	83.33	38,037,000
SUGAR BEETS .....	1994	27,669	32.35	895,092.15	TON	39.58	35,428,000
	1993	38,494	30.18	1,161,733.00	TON	38.66	44,913,000
WHEAT .....	1994	55,730	2.87	159,722.18	TON	135.75	21,682,000
	1993	54,598	2.78	151,782.44	TON	125.33	19,023,000
MISC. FIELD CROPS .....	1994	23,323					13,639,000
	1993	21,614					20,007,000
TOTALS 1994.....	ACRES	391,031				VALUE	300,943,000
TOTALS 1993.....**	ACRES	365,793				VALUE	268,011,000

\* YIELDS MAY NOT TOTAL DUE TO ROUNDING

\*\* ACRES REVISED

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Buffle Grass, Corn Nuts, Field Corn, Industrial Crops, Ryegrass, Oats, Safflower, Sesbania, Sorghum Grain and Sorghum Silage.

# = Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

C = Pastured Five Times

# VEGETABLE AND MELON CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ASPARAGUS</b>							
Harvested .....	1994	5,991	147	881,944	30 LB CTN	35.67	31,459,000
New Seeding.....	1994	145					
Harvested .....	1993	6,184	141	870,276	30 LB CTN	29.72	25,865,000
<b>BROCCOLI (Market) .....</b>	1994	7,219	485	3,502,202	26 LB CTN	5.60	19,612,000
	1993	5,389	492	2,652,084	26 LB CTN	7.39	19,599,000
<b>CABBAGE (Market) .....</b>	1994	1,554	307	477,755	50 LB CTN	5.12	2,446,000
	1993	895	622	556,718	50 LB CTN	5.30	2,951,000
<b>CARROTS</b>							
Market.....	1994	16,312	714	11,646,768	50 LB BAG	7.10	82,692,000
	1993	14,811	956	14,156,354	50 LB BAG	6.76	95,668,000
Processing & Feed.....	1994		7.84	127,886	TON	6.00	767,000
	1993		2.71	40,110	TON	5.86	235,000
<b>TOTAL CARROTS.....</b>	1994	16,312					83,459,000
	1993	14,811					95,903,000
<b>CAULIFLOWER (Market) .....</b>	1994	5,043	489	2,468,064	23 LB CTN	6.72	16,585,000
	1993	4,167	468	1,948,793	23 LB CTN	8.39	16,350,000
<b>SWEET CORN .....</b>	1994	4,864	250	1,215,824	50 LB CTN	5.56	6,760,000
<b>FALL &amp; SPRING</b>	1993	3,218	303	974,024	50 LB CTN	6.60	6,429,000
<b>HEAD LETTUCE</b>							
Naked Pack.....	1994	12,624	343	4,327,469	50 LB CTN	4.10	17,743,000
	1993	13,954	494	6,891,702	50 LB CTN	7.24	49,896,000
Wrap Pack.....	1994	12,623	432	5,452,122	40 LB CTN	4.61	25,134,000
	1993	7,514	510	3,828,724	40 LB CTN	8.54	32,697,000
Salad Products and Trim & Cored.....	1994						13,167,000
	1993						11,839,000
<b>TOTAL HEAD LETTUCE.....</b>	1994	25,247					56,044,000
	1993	21,468					94,432,000
<b>LEAF LETTUCE.....</b>	1994	7,925	826	6,542,448	35 LB CTN	4.21	27,544,000
	1993	3,882	733	2,845,506	35 LB CTN	9.22	26,236,000



# VEGETABLE AND MELON CROPS

(continued)

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ONIONS</b>							
Market .....	1994	3,749	706	2,647,183	50 LB SACK	4.21	11,145,000
	1993	3,576	753	2,691,651	50 LB SACK	8.29	22,314,000
Processor .....	1994	8,116	17.10	138,804	TON	79.26	11,002,000
	1993	7,106	16.72	118,779	TON	76.97	9,143,000
<b>TOTAL ONIONS</b> .....	1994	11,865					22,147,000
	1993	10,682					31,457,000
<b>TOMATOES</b>							
Market .....	1994	920	970	892,825	25 LB CTN	5.90	5,268,000
	1993	958	1,136	1,088,173	25 LB CTN	11.67	12,704,000
Processor .....	1994	1,656	27.81	46,053	TON	54.00	2,487,000
	1993	2,500	35.13	87,830	TON	57.50	5,050,000
<b>TOTAL TOMATOES</b> .....	1994	2,576					7,755,000
	1993	3,458					17,754,000
<b>MISC. VEGETABLES</b> .....	1994	5,396					18,824,000
	1993	4,356					16,798,000
<b>CANTALOUPE</b>							
Spring .....	1994	14,588	426	6,219,121	40 LB CTN	7.46	46,395,000
	1993	13,160	631	8,297,430	40 LB CTN	6.83	56,671,000
Fall .....	1994	383	95	36,390	40 LB CTN	11.11	404,000
	1993	695	343	238,382	40 LB CTN	10.23	2,439,000
<b>TOTAL CANTALOUPE</b> .....	1994	14,971	418	6,255,511	40 LB CTN	7.48	46,799,000
	1993	13,855	616	8,535,812	40 LB CTN	6.92	59,110,000
<b>HONEYDEW &amp; MISC. MELONS</b>							
Spring and Fall .....	1994	1,408	511	719,612	40 LB CTN	5.59	4,023,000
	1993	1,040	751	781,201	40 LB CTN	6.64	5,190,000
<b>WATERMELONS</b> .....	1994	3,503	13.71	48,021	TON	140.00	6,723,000
	1993	2,596	22.42	58,197	TON	179.99	10,475,000
<b>TOTALS 1994</b> .....	<b>ACRES</b>	113,874				<b>VALUE</b>	350,180,000
<b>TOTALS 1993</b> .....	<b>ACRES</b>	96,001				<b>VALUE</b>	428,549,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Endive, Garlic, Kale, Mustard Greens, Okra, Green Onions, Parsley, Parsnips, Peppers, Potatoes, Radishes, Rappini, Rutabagas, Spinach, Squash, Swiss Chard, Turnips and Water Lilies.

# FRUIT AND NUT CROPS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>DATES</b>							
Harvested .....	1994	652	3.80	2,477.60	TON	4,499.92	11,149,000
Non-Bearing .....	1994	277					
Harvested .....	1993	718	4.40	3,159.20	TON	3,915.55	12,370,000
<b>GRAPEFRUIT</b>							
Harvested .....	1994	893	13.54	12,092.96	TON	169.19	2,046,000
Non-Bearing .....	1994	170					
Harvested .....	1993	718	13.22	9,489.09	TON	275.37	2,613,000
<b>LEMONS</b>							
Harvested .....	1994	1,649	11.74	19,352.07	TON	519.48	10,053,000
Non-Bearing .....	1994	408					
Harvested .....	1993	1,756	7.49	13,152.44	TON	569.48	7,490,000
<b>ORANGES (NAVELS &amp; VALENCIA)</b>							
Harvested .....	1994	607	6.06	3,678.29	TON	457.01	1,681,000
Non-Bearing .....	1994	147					
Harvested .....	1993	608	7.89	4,794.48	TON	382.73	1,835,000
<b>TANGERINES</b>							
Harvested .....	1994	556	7.83	4,351.00	TON	558.26	2,429,000
Non-Bearing .....	1994	160					
Harvested .....	1993	106	10.99	1,164.94	TON	517.62	603,000
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
Harvested .....	1994	384	4.64	1,783.54	TON	1,163.42	2,075,000
Non-Bearing .....	1994	90					
Harvested .....	1993	601	6.12	3,675.12	TON	859.84	3,160,000
<b>CITRUS BY-PRODUCTS</b> .....							
	1994			10,953.16	TON	56.15	615,000
	1993			17,304.55	TON	51.03	883,000
<b>TOTALS 1994</b> .....		<b>ACRES</b>	4,741			<b>VALUE</b>	30,048,000
<b>TOTALS 1993</b> .....		<b>ACRES</b>	4,507			<b>VALUE</b>	28,954,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING  
 MISC. CITRUS = Limes, Tangelos, Tangors and Temples  
 FRUIT & NUT CROPS = Grapes, Mangos and Pecans



## SEED CROPS AND NURSERY PRODUCTS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED .....	1994	3,805	417	1,586,685	LBS	1.38	2,190,000
	1993	5,582	353	1,970,446	LBS	1.14	2,256,000
BERMUDAGRASS SEED .....	1994	15,426	480	7,404,480	LBS	1.64	12,143,000
	1993	15,558	365	5,678,670	LBS	1.73	9,796,000
ONION SEED .....	1994	1,929	294	567,126	LBS	5.13	2,909,000
	1993	2,925	252	737,100	LBS	8.52	6,280,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS.....	1994	1,211					4,752,000
	1993	833					6,165,000
CERTIFIED SEED .....	1994	8,701					7,019,000
	1993	12,258					6,686,000
TOTALS 1994.....	ACRES	31,072				VALUE	29,013,000
TOTALS 1993.....	ACRES	37,156				VALUE	31,183,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE AND

FLOWER SEED CROPS = Artichoke, Broccoli, Carrots, Cauliflower, Flax, Flowers, Lettuce, Okra, Radish, Rape, Rappini, Sesbania, Sudangrass, Sunflower and Watermelon.

CERTIFIED SEED = Alfalfa, Artichoke, Bermudagrass, Flax, Oats, Okra, Rape, Sudangrass and Wheat

## APIARY PRODUCTS

	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY .....	1994	38,814	52.38	2,032,924.36	LBS	0.46	935,000
	1993	36,429	59.83	2,179,494.00	LBS	0.53	1,153,000
WAX .....	1994	38,884	1.11	43,233.79	LBS	1.57	68,000
	1993	36,189	1.07	38,590.39	LBS	1.35	52,000
POLLINATION.....	1994	40,273			COL	18.21	733,000
	1993	44,225			COL	18.13	802,000
						VALUE 1994	1,736,000
						VALUE 1993	2,007,000

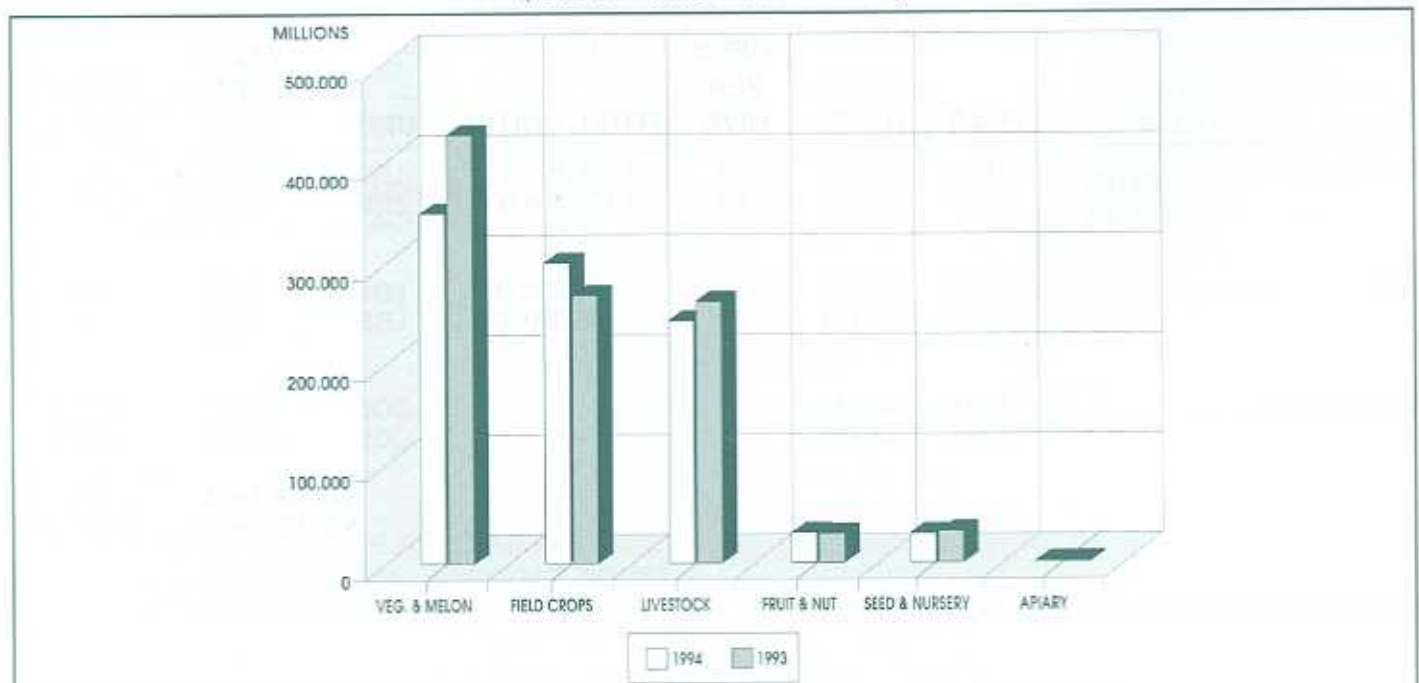
\* UNITS MAY NOT TOTAL DUE TO ROUNDING

# 1994 SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS .....	1994	113,874	350,180,000
	1993	96,001	428,549,000
FIELD CROPS .....	1994	391,031	300,943,000
	1993*	365,793	268,011,000
LIVESTOCK .....	1994		242,614,000
	1993		261,809,000
FRUIT & NUT CROPS .....	1994	4,741	30,048,000
	1993	4,507	28,954,000
SEED & NURSERY CROPS .....	1994	31,072	29,013,000
	1993	37,156	31,183,000
APIARY PRODUCTS .....	1994		1,736,000
	1993		2,007,000
TOTALS .....	1994	540,718	954,534,000
TOTALS .....	1993	503,457	1,020,513,000

\* = Adjusted acres

## GROSS VALUE 1994-1993 COMPARISON (Value = Millions of Dollars)





# MILLION DOLLAR CROPS

1994 RANKING			1993 RANKING
1	CATTLE .....	\$202,151,000	1
2	ALFALFA.....	165,352,000	2
3	CARROTS .....	83,459,000	3
4	LETTUCE .....	56,044,000	4
5	CANTALOUPE .....	46,799,000	5
6	SUDANGRASS HAY.....	45,594,000	7
7	SUGAR BEETS .....	35,428,000	6
8	ASPARAGUS.....	31,459,000	10
9	LEAF LETTUCE .....	27,544,000	9
10	ONIONS .....	22,147,000	8
11	WHEAT .....	21,682,000	12
12	BROCCOLI.....	19,612,000	11
13	MISC. VEGETABLES.....	18,824,000	13
14	MISC. LIVESTOCK .....	17,049,000	15
15	CAULIFLOWER.....	16,585,000	14
16	MISC. FIELD CROPS .....	13,639,000	30
17	BERMUDAGRASS SEED.....	12,143,000	20
18	SHEEP .....	11,985,000	21
19	DATES .....	11,149,000	18
20	LEMONS .....	10,053,000	23
21	COTTON LINT .....	9,768,000	28
22	AQUATIC PRODUCTS .....	8,733,000	22
23	TOTAL PASTURE .....	7,193,000	25
24	CERTIFIED SEED.....	7,019,000	24
25	SWEET CORN .....	6,760,000	26
26	WATERMELONS.....	6,723,000	19
27	TOMATOES - MARKET.....	5,268,000	17
28	MISC. SEED & NURSERY .....	4,752,000	29
29	HONEYDEW & MISC. MELONS .....	4,023,000	31
30	ONION SEED .....	2,909,000	27
31	WOOL.....	2,696,000	38
32	TOMATOES - PROCESSOR.....	2,487,000	32
33	CABBAGE .....	2,446,000	34
34	TANGERINES.....	2,429,000	*
35	ALFALFA SEED.....	2,190,000	36
36	MISC. CITRUS, FRUITS & NUTS.....	2,075,000	33
37	GRAPEFRUIT.....	2,046,000	35
38	ORANGES.....	1,681,000	37
39	COTTON SEED.....	1,261,000	41
40	BALED STRAW .....	1,026,000	40

\* = NEW FOR 1994

1 9 9 5



Imperial County  
Agricultural  
Crop &  
Livestock  
Report



**AGRICULTURAL**  
**SEALER OF WEIGHTS**



**COMMISSIONER**  
**AND MEASURES**

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR  
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850  
TELEPHONE: (619) 339-4314

March 1, 1996

TO: Ann Veneman, Secretary  
Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Imperial  
Dean A. Shores, Chairman  
Bill Cole  
Brad Luckey  
Sam Sharp  
Wayne VanDeGraaff

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1995. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1995 was \$1,008,653,000. This is a 5.6% percent increase from the 1994 value. The increase in values were posted in the fruit and nut crops (8%), vegetable crops (36%), and apiary (51%) sectors. This increase was a direct result of higher pricing coupled with increased yields. Decreases in value occurred in field crops (11%), livestock (16%) and seed and nursery (12%). Lower prices were the principal cause of the decreases in gross value. As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$220 dollars of personal income is generated to agriculturally related jobs. Even though this is a modest increase over last year, the whitefly continues to cause significant crop loss and economic damage.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

Sincerely,

Stephen L. Birdsall

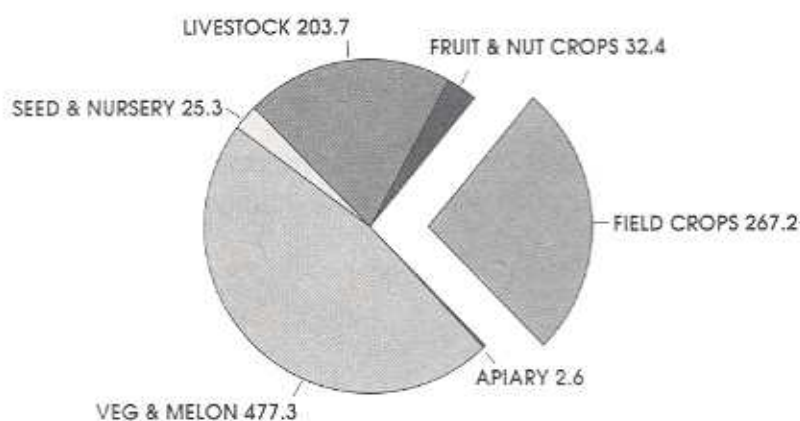
# LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN*	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)..... Finished & Backgrounded	1995	318,952	A 8.11	2,586,700	CWT	A 62.44	161,514,000
	1994	342,711	A 8.27	2,834,671	CWT	A 71.31	202,151,000
SHEEP (Feeders) .....	1995	225,000	0.42	94,500	CWT	73.10	6,908,000
	1994	339,806	0.48	161,408	CWT	74.25	11,985,000
WOOL.....	1995	227,272		1,105,224	LBS	1.23	1,359,000
	1994	350,000		1,706,250	LBS	1.58	2,696,000
AQUATIC PRODUCTS..... (Fish & Algae)	1995						12,596,000
	1994						8,733,000
MISC. LIVESTOCK..... (Dairy, Dairy Heifers, Swine, Goats, Rabbits, Ostriches, Cavies & Poultry)	1995						21,342,000
	1994						17,049,000
<b>VALUE 1995</b>							<b>203,719,000</b>
<b>VALUE 1994</b>							<b>242,614,000</b>

\* GAIN MAY NOT TOTAL DUE TO ROUNDING  
A - Based on average gain and price

## 1995 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



AGRICULTURAL PRODUCTION

FIELD CROPS



# FIELD CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA (Cubed & Greenchopped)	1995	6,500	6.36	41,340.00	TON	105.28	4,352,000
	1994	7,651	8.75	66,946.25	TON	92.50	6,193,000
ALFALFA HAY (Baled)	1995	175,901	7.94	1,398,654.00	TON	87.47	122,165,000
	1994	183,617	7.88	1,446,901.96	TON	110.00	159,159,000
TOTAL ALFALFA	1995	182,401	7.88	1,437,994.00	TON	87.98	126,517,000
	1994	191,268	7.91	1,513,848.21	TON	109.23	165,352,000
COTTON (Lint)	1995	9,647	2.75	A 26,529.25	BALE	395.22	B 10,485,000
	1994	9,176	2.82	A 25,876.32	BALE	377.50	B 9,768,000
COTTON (Seed)	1995	9,647	1.03	9,965.02	TON	154.44	1,539,000
	1994	9,176	1.06	9,703.62	TON	130.00	1,261,000
<b>PASTURE CROPS</b>							
Alfalfa	1995	109,440	#		ACRE	37.80	4,137,000
	1994	116,022	#		ACRE	36.40	4,223,000
Ryegrass	1995	4,817	C		ACRE	188.91	910,000
	1994	4,987	C		ACRE	254.80	1,271,000
Sugar Beet Tops	1995	3,161	#		ACRE	31.64	100,000
	1994	2,767	#		ACRE	37.33	103,000
Misc. Pasture	1995	33,619	#		ACRE	31.53	1,060,000
	1994	33,044	#		ACRE	48.30	1,596,000
TOTAL PASTURE	1995	151,037					6,207,000
	1994	156,820					7,193,000
BALED STRAW	1995			52,823.00	TON	32.50	1,717,000
	1994			31,392.20	TON	32.67	1,026,000
SUDANGRASS HAY	1995	77,365	6.50	502,872.50	TON	85.00	42,744,000
	1994	78,878	6.60	520,594.80	TON	87.58	45,594,000
SUGAR BEETS	1995	31,612	32.11	1,015,061.32	TON	39.58	40,176,000
	1994	27,878	32.35	895,092.15	TON	39.58	35,428,000
WHEAT	1995	67,117	2.75	184,571.75	TON	170.00	31,377,000
	1994	55,730	2.87	159,722.18	TON	135.75	21,682,000
MISC. FIELD CROPS	1995	28,257					6,459,000
	1994	23,323					13,639,000
TOTALS 1995	ACRES	401,216				VALUE	267,221,000
TOTALS 1994	ACRES	391,031				VALUE	300,943,000

\* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Bufflegrass, Corn Nuts, Field Corn, Kliengrass, Ryegrass, Oats, Safflower, Sesbania, Sorghum Grain and Sorghum Silage.

# = Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

C = Pastured Five Times

# VEGETABLE AND MELON CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ASPARAGUS</b>							
Harvested .....	1995	4,764	164	780,968	30 LB CTN	31.17	24,343,000
New Seeding .....	1995	272					
Harvested .....	1994	5,991	147	881,944	30 LB CTN	35.67	31,459,000
<b>BROCCOLI (Market)</b> .....	1995	5,926	495	2,932,715	26 LB CTN	9.07	26,600,000
	1994	7,217	485	3,502,202	26 LB CTN	5.60	19,612,000
<b>CABBAGE (Market)</b> .....	1995	757	603	456,893	50 LB CTN	4.72	2,157,000
	1994	1,554	307	477,755	50 LB CTN	5.12	2,446,000
<b>CARROTS</b>							
Market & Processing .....	1995	14,959	820	12,266,380	50 LB BAG	8.67	106,350,000
	1994	16,312	714	11,646,768	50 LB BAG	7.10	82,692,000
Culls & Feed .....	1995		6.20	92,746	TON	5.50	510,000
	1994		7.84	127,886	TON	6.00	767,000
<b>TOTAL CARROTS</b> .....	1995	14,959					106,860,000
	1994	16,312					83,459,000
<b>CAULIFLOWER (Market)</b> .....	1995	3,237	520	1,684,456	23 LB CTN	8.67	14,604,000
	1994	5,043	489	2,468,064	23 LB CTN	6.72	16,585,000
<b>SWEET CORN</b> .....	1995	3,896	299	1,166,415	50 LB CTN	8.00	9,331,000
Fall & Spring	1994	4,864	250	1,215,824	50 LB CTN	5.56	6,760,000
<b>HEAD LETTUCE</b>							
Naked Pack .....	1995	13,484	510	6,877,107	50 LB CTN	6.93	47,658,000
	1994	12,624	343	4,327,469	50 LB CTN	4.10	17,743,000
Wrap Pack .....	1995	8,748	576	5,040,952	40 LB CTN	8.72	43,957,000
	1994	12,623	432	5,452,122	40 LB CTN	4.61	25,134,000
Salad Products and Trim & Cored .....	1995						17,458,000
	1994						13,167,000
<b>TOTAL HEAD LETTUCE</b> .....	1995	22,232					109,073,000
	1994	25,247					56,044,000
<b>LEAF LETTUCE</b> .....	1995	6,144	844	5,188,447	35 LB CTN	10.31	53,493,000
	1994	7,925	826	6,542,448	35 LB CTN	4.21	27,544,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING



# VEGETABLE AND MELON CROPS

(continued)

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ONIONS</b>							
Market .....	1995	4,333	1,061	4,596,236	50 LB SACK	6.09	27,991,000
	1994	3,749	706	2,647,183	50 LB SACK	4.21	11,145,000
Processor .....	1995	6,925	19.26	133,375	TON	80.45	10,730,000
	1994	8,116	17.10	138,804	TON	79.26	11,002,000
<b>TOTAL ONIONS.....</b>	1995	11,258					38,721,000
	1994	11,865					22,147,000
<b>TOMATOES</b>							
Market .....	1995	808	1,689	1,364,712	25 LB CTN	7.11	9,703,000
	1994	920	970	892,825	25 LB CTN	5.90	5,268,000
Processor .....	1995	1,028	44.10	45,332	TON	53.89	2,443,000
	1994	1,656	27.81	46,053	TON	54.00	2,487,000
<b>TOTAL TOMATOES.....</b>	1995	1,836					12,146,000
	1994	2,576					7,755,000
<b>MISC. VEGETABLES.....</b>	1995	5,694					23,739,000
	1994	5,396					18,824,000
<b>CANTALOUPE</b>							
Spring .....	1995	14,473	366	5,297,118	40 LB CTN	8.40	44,496,000
	1994	14,588	426	6,219,121	40 LB CTN	7.46	46,395,000
Fall.....	1995	455	413	187,929	40 LB CTN	7.75	1,456,000
	1994	383	95	36,390	40 LB CTN	11.11	404,000
<b>TOTAL CANTALOUPE....</b>	1995	14,928	367	5,485,047	40 LB CTN	8.38	45,952,000
	1994	14,971	418	6,255,511	40 LB CTN	7.48	46,799,000
<b>HONEYDEW &amp; MISC. MELONS</b>							
Spring and Fall .....	1995	1,770	367	650,386	40 LB CTN	6.40	4,162,000
	1994	1,408	511	719,612	40 LB CTN	5.59	4,023,000
<b>WATERMELONS.....</b>	1995	2,619	9.98	26,140	TON	235.04	6,144,000
	1994	3,503	13.71	48,021	TON	140.00	6,723,000
<b>TOTALS 1995.....</b>	<b>ACRES</b>	100,020				<b>VALUE</b>	477,325,000
<b>TOTALS 1994.....</b>	<b>ACRES</b>	113,784				<b>VALUE</b>	350,180,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Endive, Garlic, Kale, Mustard Greens, Okra, Green Onions, Parsley, Parsnips, Peppers, Potatoes, Radishes, Rappini, Rutabagas, Spinach, Squash, Swiss Chard, Turnips and Water Lilies.

# FRUIT AND NUT CROPS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>DATES</b>							
Harvested .....	1995	652	4.14	2,699.28	TON	5,201.39	14,040,000
Non-Bearing .....	1995	250					
Harvested .....	1994	652	3.80	2,477.60	TON	4,499.92	11,149,000
<b>GRAPEFRUIT</b>							
Harvested .....	1995	849	14.50	12,310.50	TON	192.11	2,365,000
Non-Bearing .....	1995	73					
Harvested .....	1994	893	13.54	12,092.96	TON	169.19	2,046,000
<b>LEMONS</b>							
Harvested .....	1995	1,556	9.66	15,030.96	TON	545.27	8,196,000
Non-Bearing .....	1995	385					
Harvested .....	1994	1,649	11.74	19,352.07	TON	519.48	10,053,000
<b>ORANGES (NAVELS &amp; VALENCIA)</b>							
Harvested .....	1995	585	3.80	2,223.00	TON	447.14	994,000
Non-Bearing .....	1995	0					
Harvested .....	1994	607	6.06	3,678.29	TON	457.01	1,681,000
<b>TANGERINES</b>							
Harvested .....	1995	544	9.84	5,352.96	TON	479.92	2,569,000
Non-Bearing .....	1995	40					
Harvested .....	1994	556	7.83	4,351.00	TON	558.26	2,429,000
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
Harvested .....	1995	498	8.66	4,310.62	TON	814.50	3,511,000
Non-Bearing .....	1995	127					
Harvested .....	1994	601	6.12	3,675.12	TON	859.84	3,160,000
<b>CITRUS BY-PRODUCTS .....</b>							
	1995			13,742.00	TON	55.01	756,000
	1994			10,953.16	TON	56.15	615,000
<b>TOTALS 1995 .....</b>		<b>ACRES</b>	4,684			<b>VALUE</b>	32,431,000
<b>TOTALS 1994 .....</b>		<b>ACRES</b>	4,741			<b>VALUE</b>	30,048,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. CITRUS = Limes, Tangelos, Tangors and Temples  
 FRUIT & NUT CROPS = Grapes, Mangos and Pecans



## SEED CROPS AND NURSERY PRODUCTS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED .....	1995	13,423	440	5,906,120	LBS	1.24	7,324,000
	1994	3,805	417	1,586,685	LBS	1.38	2,190,000
BERMUDAGRASS SEED .....	1995	17,854	269	4,802,726	LBS	1.44	6,916,000
	1994	15,426	480	7,404,480	LBS	1.64	12,143,000
ONION SEED .....	1995	1,317	326	429,342	LBS	5.94	2,550,000
	1994	1,929	294	567,126	LBS	5.13	2,909,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS .....	1995	1,878					1,870,000
	1994	1,211					4,752,000
CERTIFIED SEED .....	1995	9,930					6,666,000
	1994	8,701					7,019,000
TOTALS 1995 .....		ACRES	44,402			VALUE	25,326,000
TOTALS 1994 .....		ACRES	31,072			VALUE	29,013,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE AND FLOWER SEED CROPS = Artichoke, Broccoli, Carrots, Cauliflower, Flax, Flowers, Herbs, Lettuce, Okra, Radish, Rape, Rappini, Sesbania, Sudangrass, Sunflower, Watermelon and Grains.

CERTIFIED SEED = Alfalfa, Artichoke, Bermudagrass, Flax, Oats, Rape, Sudangrass and Wheat.

## APIARY PRODUCTS

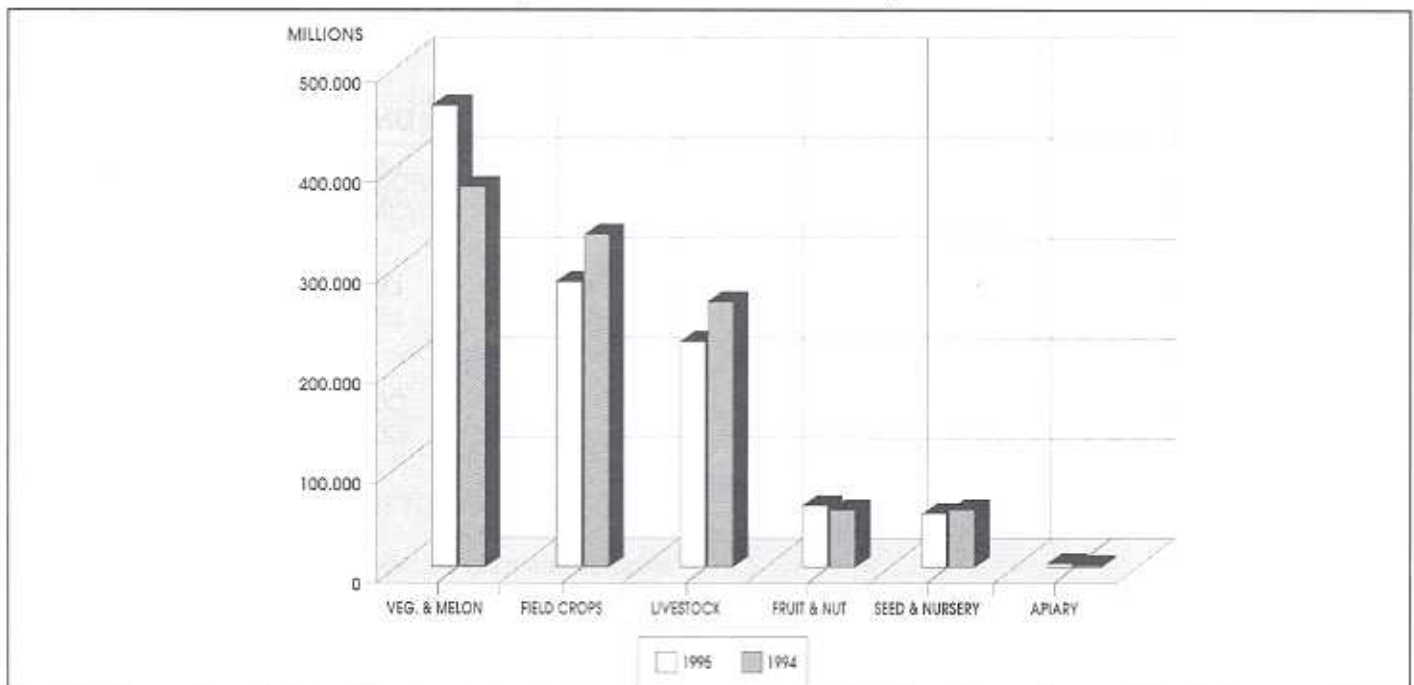
	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY .....	1995	34,480	53.83	1,856,058.00	LBS	0.65	1,206,000
	1994	38,814	52.38	2,032,924.36	LBS	0.46	935,000
WAX.....	1995	34,480	1.21	41,720.00	LBS	2.18	91,000
	1994	38,884	1.11	43,233.79	LBS	1.57	68,000
POLLINATION.....	1995	69,745			COL	19.13	1,334,000
	1994	40,273			COL	18.21	733,000
						VALUE 1995	2,631,000
						VALUE 1994	1,736,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

# 1995 SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS .....	1995	100,020	477,325,000
	1994	113,874	350,180,000
FIELD CROPS .....	1995	401,216	267,221,000
	1994	391,031	300,943,000
LIVESTOCK .....	1995		203,719,000
	1994		242,614,000
FRUIT & NUT CROPS .....	1995	4,684	32,431,000
	1994	4,741	30,048,000
SEED & NURSERY CROPS .....	1995	44,402	25,326,000
	1994	31,072	29,013,000
APIARY PRODUCTS .....	1995		2,631,000
	1994		1,736,000
TOTALS .....	1995	550,322	1,008,653,000
TOTALS .....	1994	540,718	954,534,000

## GROSS VALUE 1995-1994 COMPARISON (Value = Millions of Dollars)





# MILLION DOLLAR CROPS

1995 RANKING			1994 RANKING
1	CATTLE .....	\$161,514,000	1
2	ALFALFA .....	126,517,000	2
3	LETTUCE .....	109,073,000	4
4	CARROTS .....	106,860,000	3
5	LEAF LETTUCE .....	53,493,000	9
6	CANTALOUPE.....	45,952,000	5
7	SUDANGRASS HAY .....	42,744,000	6
8	SUGARBEETS .....	40,176,000	7
9	ONIONS .....	38,715,000	10
10	WHEAT .....	31,377,000	11
11	BROCCOLI.....	26,600,000	12
12	ASPARAGUS.....	24,341,000	8
13	MISC. VEGETABLES .....	23,739,000	13
14	MISC. LIVESTOCK.....	21,342,000	14
15	CAULIFLOWER.....	14,604,000	15
16	DATES .....	14,040,000	19
17	AQUATIC PRODUCTS.....	12,596,000	22
18	COTTON LINT .....	10,485,000	21
19	TOMATOES - MARKET .....	9,703,000	27
20	SWEET CORN .....	9,331,000	25
21	LEMONS .....	8,196,000	20
22	ALFALFA SEED .....	7,324,000	35
23	BERMUDAGRASS SEED .....	6,916,000	17
24	SHEEP .....	6,908,000	18
25	CERTIFIED SEED .....	6,666,000	24
26	MISC. FIELD CROPS.....	6,459,000	16
27	TOTAL PASTURE.....	6,207,000	23
28	WATERMELONS.....	6,144,000	26
29	HONEYDEW & MISC. MELONS .....	4,162,000	29
30	MISC. CITRUS .....	3,511,000	36
31	TANGERINES.....	2,569,000	34
32	ONIONS .....	2,550,000	30
33	TOMATOES-PROCESSOR.....	2,443,000	32
34	GRAPEFRUIT .....	2,365,000	37
35	CABBAGE .....	2,157,000	33
36	MISC. SEED & NURSERY .....	1,870,000	28
37	BAILED STRAW .....	1,717,000	40
38	COTTON SEED.....	1,539,000	39
39	WOOL.....	1,359,000	31
40	POLLINATION .....	1,334,000	*

\* = NEW FOR 1995

1996



*Imperial County  
Agricultural  
Crop & Livestock  
Report*





**AGRICULTURAL**  
SEALER OF WEIGHTS



**COMMISSIONER**  
AND MEASURES

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR  
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850  
TELEPHONE: (619) 339-4314

February 27, 1997

TO: Ann Veneman, Secretary  
Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Imperial  
Bill Cole, Chairman                      Dean A. Shores  
Tom Veysey                                      Sam Sharp  
Wayne VanDeGraaff

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1996. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1996 was \$956,521,000. This is a 5.1% percent decrease from the 1995 value. The decreases in values were posted in the vegetable and melon crops (19.2%), livestock (3.4%), fruit and nut crops (9.9%) sectors. The decreases were a result of lower pricing coupled with decreased acreage. Increases in value occurred in field crops (15.9%), seed and nursery (26.5%), and apiary products (60.8%). Higher prices and increased acreage were the principle cause of the increases in value. As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$211 dollars of personal income is generated to agriculturally related jobs. The whitefly continues to cause significant crop loss and economic damage. The wheat crop experienced record highs in terms of acreage, yields and prices. Those highs were greatly overshadowed by the added costs and inconveniences in harvesting and handling that were imposed by the Karnal Bunt infestation.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank Darrell Byrd and the staff that produced this report for their dedicated work.

Sincerely,

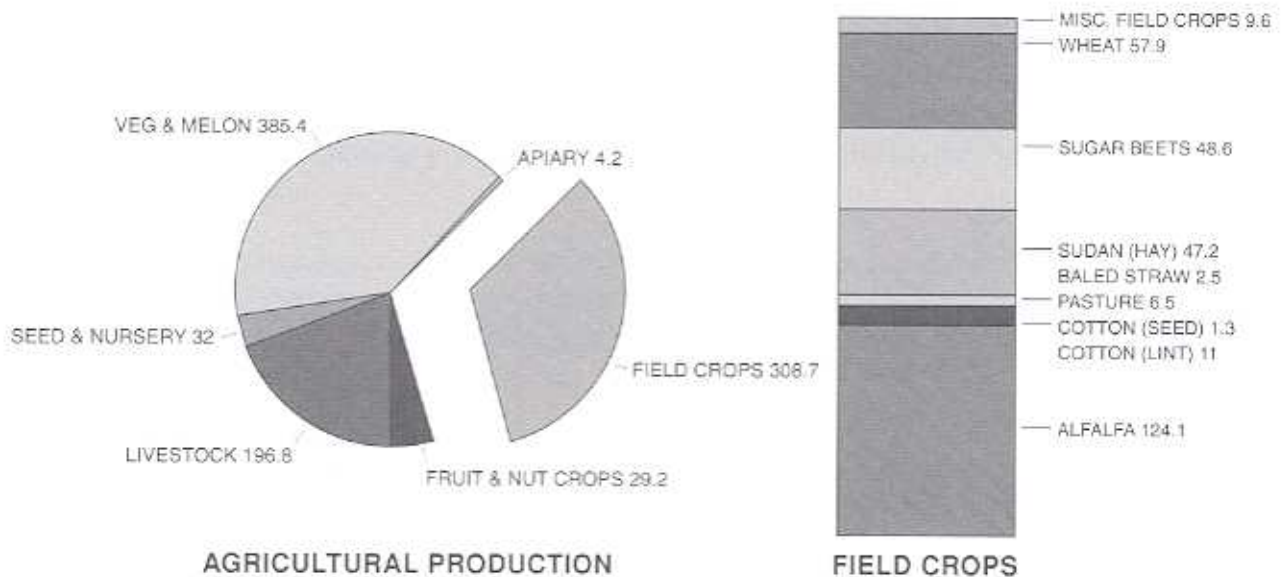
Stephen L. Birdsall  
Agricultural Commissioner

# LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN *	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)	1996	305,746	7.96	2,433,738	CWT	62.72	152,644,000
	Finished & Background	1995	318,952	8.11	2,586,700	CWT	62.44
SHEEP (FEEDERS)	1996	209,250	0.52	109,814	CWT	85.50	9,389,000
	1995	225,000	0.42	94,500	CWT	73.10	6,908,000
WOOL	1996	211,343		1,091,939	LBS	0.63	688,000
	1995	227,272		1,105,224	LBS	1.23	1,359,000
AQUATIC PRODUCTS (Fish & Algae)	1996						14,182,000
	1995						12,596,000
MISC. LIVESTOCK (Dairy, Dairy Heifers, Swine, Goats, Rabbits & Poultry)	1996						19,964,000
	1995						21,342,000
<b>VALUE 1996</b>							<b>196,867,000</b>
<b>VALUE 1995</b>							<b>203,719,000</b>

\* GAIN MAY NOT TOTAL DUE TO ROUNDING

## 1996 AGRICULTURAL PRODUCTION GROSS VALUE (VALUE = MILLIONS OF DOLLARS)





# FIELD CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS *	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA (Cubed & Greenchopped)	1996	2,190	9.27	20,312.00	TON	94.03	1,910,000
	1995	6,500	6.36	41,340.00	TON	105.28	4,352,000
ALFALFA HAY (Baled)	1996	158,926	7.54	1,198,302.00	TON	101.97	122,191,000
	1995	175,901	7.94	1,396,654.00	TON	87.47	122,165,000
TOTAL ALFALFA	1996	161,116	7.56	1,218,614.00	TON	101.84	124,101,000
	1995	182,401	7.88	1,437,994.00	TON	87.98	126,517,000
COTTON (Lint)	1996	7,825	2.74	A 21,440.50	BALE	511.14	B 10,959,000
	1995	9,647	2.75	A 26,529.25	BALE	395.22	B 10,485,000
COTTON (SEED)	1996	7,825	1.03	8,059.75	TON	165.02	1,330,000
	1995	9,647	1.03	9,995.02	TON	154.44	1,539,000
<b>PASTURE CROPS</b>							
Alfalfa	1996	95,356	#		ACRE	36.00	3,433,000
	1995	109,440	#		ACRE	37.80	4,137,000
Ryegrass	1996	3,469	C		ACRE	296.05	1,027,000
	1995	4,817	C		ACRE	188.91	910,000
Sugar Beet Tops	1996	3,398	#		ACRE	59.16	201,000
	1995	3,161	#		ACRE	31.64	100,000
Misc. Pasture	1996	36,536	#		ACRE	50.61	1,849,000
	1995	33,619	#		ACRE	31.53	1,060,000
TOTAL PASTURE	1996	138,759					6,510,000
	1995	151,037					6,207,000
BALED STRAW	1996			73,266.00	TON	35.00	2,564,000
	1995			52,823.00	TON	32.50	1,717,000
SUDANGRASS HAY	1996	85,896	6.36	546,299.00	TON	86.33	47,162,000
	1995	77,365	6.50	502,872.50	TON	85.00	42,744,000
SUGAR BEETS	1996	33,980	34.45	1,170,611.00	TON	41.50	48,580,000
	1995	31,612	32.11	1,015,061.32	TON	39.58	40,176,000
WHEAT	1996	110,173	3.01	331,620.73	TON	174.60	57,901,000
	1995	67,117	2.75	184,571.75	TON	170.00	31,377,000
MISC. FIELD CROPS	1996	27,303					9,646,000
	1995	28,257					6,459,000
TOTALS 1996	ACRES	429,762				VALUE	308,753,000
TOTALS 1995	ACRES	401,216				VALUE	267,221,000

\* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD CROPS= Barley, Bermudagrass Hay, Buffleggrass, Corn Nuts, Field Corn, Kliengrass, Ryegrass, Oats, Sorghum Grain and Sorghum, Corn, Alfalfa, & Sudan-Silage.

# = Pastured one time and acres are counted in other crop listing

A = 500 lb. Bales

B = Includes government payment

C = Pastured five times

# VEGETABLE AND MELON CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS *	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ASPARAGUS</b>							
Harvested .....	1996	4,396	166	731,110	30 LB CTN	38.38	28,060,000
New Seeding .....	1996	523					
Harvested .....	1995	4,764	164	780,968	30 LB CTN	31.17	24,343,000
<b>BROCCOLI (Market).....</b>							
	1996	7,092	385	2,726,941	26 LB CTN	7.19	19,607,000
	1995	5,926	495	2,932,715	26 LB CTN	9.07	26,800,000
<b>CABBAGE (Market).....</b>							
	1996	710	687	487,612	45 LB CTN	4.26	2,077,000
	1995	757	603	456,893	45 LB CTN	4.72	2,157,000
<b>CARROTS</b>							
Market & Processing .....	1996	16,469	708	11,655,276	50 LB BAG	5.70	66,435,000
	1995	14,959	820	12,266,380	50 LB BAG	8.67	106,350,000
Culls & Feed .....	1996		6.13	100,955	TON	3.25	328,000
	1995		6.20	92,746	TON	5.50	510,000
<b>TOTAL CARROTS .....</b>	1996	16,469					66,763,000
	1995	14,959					106,860,000
<b>CAULIFLOWER (Market).....</b>							
	1996	3,710	519	1,924,251	23 LB CTN	7.73	14,874,000
	1995	3,237	520	1,684,456	23 LB CTN	8.67	14,604,000
<b>SWEET CORN .....</b>							
Fall & Spring .....	1996	4,397	320	1,409,200	50 LB CTN	8.26	11,640,000
	1995	3,896	299	1,166,415	50 LB CTN	8.00	9,331,000
<b>HEAD LETTUCE</b>							
Naked Pack .....	1996	12,156	453	5,509,634	50 LB CTN	5.38	29,663,000
	1995	13,484	510	6,877,107	50 LB CTN	6.93	47,658,000
Wrap Pack .....	1996	9,945	506	5,035,114	40 LB CTN	7.30	36,773,000
	1995	8,748	576	5,040,952	40 LB CTN	8.72	43,957,000
Salad Products and Trim & Cored .....	1996						11,563,000
	1995						17,458,000
<b>TOTAL HEAD LETTUCE</b>	1996	22,101					77,999,000
	1995	22,232					109,073,000
<b>LEAF LETTUCE .....</b>							
	1996	6,944	735	5,103,848	35 LB CTN	5.60	28,563,000
	1995	6,144	844	5,188,447	35 LB CTN	10.31	53,493,000
<b>POTATOES .....</b>							
	1996	1,955	273	534,556	CWT	16.39	8,762,000
	1995	MISC.					

\* UNITS MAY NOT TOTAL DUE TO ROUNDING



# VEGETABLE AND MELON CROPS

(Continued)

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS *	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ONIONS</b>							
Market .....	1996	4,720	511	2,412,530	50 LB SACK	4.15	10,012,000
	1995	4,333	1,061	4,596,236	50 LB SACK	6.09	27,991,000
Processor .....	1996	7,259	17.47	126,815	TON	85.29	10,816,000
	1995	6,925	19.26	133,375	TON	80.45	10,730,000
<b>TOTAL ONIONS</b> .....	1996	11,979					20,828,000
	1995	11,258					38,721,000
<b>TOMATOES</b>							
Market .....	1996	1,214	1,833	2,225,262	25 LB CTN	5.57	12,395,000
	1995	808	1,689	1,364,712	25 LB CTN	7.11	9,703,000
Processor .....	1996	808	42.33	34,203	TON	54.67	1,870,000
	1995	1,028	44.10	45,332	TON	53.89	2,443,000
<b>TOTAL TOMATOES</b> .....	1996	2,022					14,265,000
	1995	1,836					12,146,000
<b>MISC. VEGETABLES</b> .....	1996	5,860					24,764,000
	1995	5,694					23,739,000
<b>CANTALOUPE</b>							
Spring .....	1996	15,137	436	6,606,415	40 LB CTN	6.91	45,650,000
	1995	14,473	366	5,297,118	40 LB CTN	8.40	44,496,000
Fall .....	1996	1,598	219	350,183	40 LB CTN	10.83	3,792,000
	1995	455	413	187,929	40 LB CTN	7.75	1,456,000
<b>TOTAL CANTALOUPE</b> .....	1996	16,735	416	6,956,598	40 LB CTN	7.10	49,442,000
	1995	14,928	367	5,485,047	40 LB CTN	8.38	45,952,000
<b>HONEYDEW &amp; MISC. MELONS</b>							
Spring and Fall .....	1996	1,820	761	1,385,626	40 LB CTN	5.23	7,240,000
	1995	1,770	367	650,386	40 LB CTN	6.40	4,162,000
<b>WATERMELONS</b>							
.....	1996	2,858	16.14	46,129	TON	228.14	10,524,000
	1995	2,619	9.98	26,140	TON	235.04	6,144,000
<b>TOTALS 1996</b> .....	ACRES	109,048				VALUE	385,408,000
<b>TOTALS 1995</b> .....	ACRES	100,020				VALUE	477,325,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Endive, Garlic, Kale, Mustard Greens, Okra, Green Onions, Parsley, Parsnips, Peppers, Radishes, Rappini, Rutabagas, Spinach, Squash, Swiss Chard, Turnips and Water Lilies.

# FRUIT AND NUT CROPS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS *	UNIT	VALUE PER UNIT	GROSS VALUE
<b>DATES</b>							
Harvested .....	1996	752	3.60	2,707.20	TON	4,900.00	13,265,000
Non-Bearing .....	1996	182					
Harvested .....	1995	652	4.14	2,699.28	TON	5,201.39	14,040,000
<b>GRAPEFRUIT</b>							
Harvested .....	1996	754	7.58	5,715.32	TON	364.28	2,082,000
Non-Bearing .....	1996	155					
Harvested .....	1995	849	14.50	12,310.50	TON	192.11	2,365,000
<b>LEMONS</b>							
Harvested .....	1996	1,736	9.09	15,780.24	TON	560.03	8,837,000
Non-Bearing .....	1996	876					
Harvested .....	1995	1,556	9.66	15,030.96	TON	545.27	8,196,000
<b>ORANGES (Navel &amp; Valencia)</b>							
Harvested .....	1996	599	3.31	1,982.69	TON	448.42	889,000
Non-Bearing .....	1996	75					
Harvested .....	1995	585	3.80	2,223.00	TON	447.14	994,000
<b>TANGERINES</b>							
Harvested .....	1996	630	5.94	3,742.20	TON	508.00	1,901,000
Non-Bearing .....	1996	40					
Harvested .....	1995	544	9.84	5,352.96	TON	479.92	2,569,000
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
Harvested .....	1996	444	4.66	2,156.50	TON	850.45	1,834,000
Non-Bearing .....	1996	50					
Harvested .....	1995	498	8.66	4,310.62	TON	814.50	3,511,000
<b>CITRUS BY-PRODUCTS</b>							
	1996			9,472.98	TON	43.52	412,000
	1995			13,742.00	TON	55.01	756,000
<b>TOTALS 1996</b> .....						VALUE	29,220,000
<b>TOTALS 1995</b> .....						VALUE	32,431,000
	ACRES	4,915					
	ACRES	4,684					

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. CITRUS = Limes, Tangelos, and Temples

FRUIT & NUT CROPS = Grapes, Mangos, and Pecans



## SEED CROPS AND NURSERY PRODUCTS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS *	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED .....	1996	13,238	435	5,758,530	LBS	1.25	7,198,000
	1995	13,423	440	5,906,120	LBS	1.24	7,324,000
BERMUDAGRASS SEED .....	1996	22,636	280	6,338,080	LBS	1.10	6,972,000
	1995	17,854	269	4,802,726	LBS	1.44	6,916,000
ONION SEED .....	1996	1,882	391	735,862	LBS	5.00	3,679,000
	1995	1,317	326	429,342	LBS	5.94	2,550,000
MISC. FIELD, VEGETABLE, & FLOWER SEED CROPS; & NURSERY PRODUCTS	1996	1,066					2,021,000
	1995	1,878					1,870,000
CERTIFIED SEED .....	1996	15,229					12,171,000
	1995	9,930					6,666,000
TOTALS 1996 .....	ACRES	54,051			VALUE		32,041,000
TOTALS 1995 .....	ACRES	44,402			VALUE		25,326,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE, AND FLOWER SEED CROPS = Artichoke, Broccoli, Carrot, Cauliflower, Flax, Flowers, Herbs, Lettuce, Okra, Radish, Rape, Rappini, Sesbania, Sudangrass, Sunflower, Watermelon, and Grains.

CERTIFIED SEED = Alfalfa, Artichoke, Bermudagrass, Flax, Oats, Rape, Sudangrass, and Wheat.

## APIARY PRODUCTS

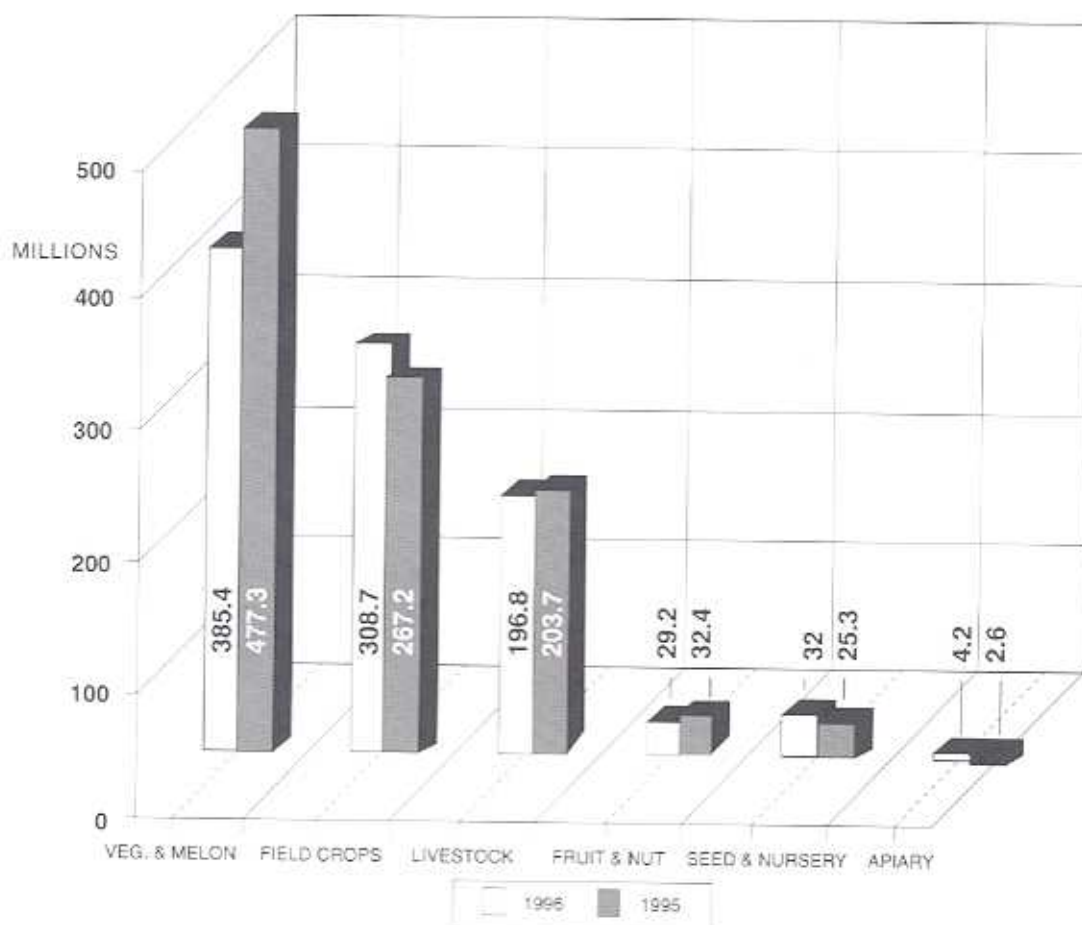
	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS *	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY .....	1996	44,117	72.29	3,189,156.63	LBS	0.83	2,647,000
	1995	34,480	53.83	1,856,058.00	LBS	0.65	1,206,000
WAX .....	1996	44,317	1.41	62,404.00	LBS	2.25	140,000
	1995	34,480	1.21	41,720.00	LBS	2.18	91,000
POLLINATION .....	1996	67,925			COL	21.27	1,445,000
	1995	69,745			COL	19.13	1,334,000
					VALUE 1996		4,232,000
					VALUE 1995		2,631,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

# 1996 SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS	1996	109,048	385,408,000
	1995	100,020	477,325,000
FIELD CROPS .....	1996	429,762	308,753,000
	1995	401,216	267,221,000
LIVESTOCK .....	1996		196,867,000
	1995		203,719,000
FRUIT & NUT CROPS .....	1996	4,915	29,220,000
	1995	4,684	32,431,000
SEED & NURSERY CROPS .....	1996	54,051	32,041,000
	1995	44,402	25,326,000
APIARY PRODUCTS .....	1996		4,232,000
	1995		2,631,000
TOTALS .....	1996	597,776	956,521,000
TOTALS .....	1995	550,322	1,008,653,000

**GROSS VALUE**  
1996-1995 COMPARISON  
(VALUE = MILLIONS OF DOLLARS)





# TOP FORTY CROPS

1996 RANKING			1995 RANKING
1	CATTLE .....	\$ 152,644,000	1
2	ALFALFA .....	124,101,000	2
3	LETTUCE .....	77,999,000	3
4	CARROTS .....	66,763,000	4
5	WHEAT .....	57,901,000	10
6	CANTALOUPE .....	49,442,000	6
7	SUGARBEETS .....	48,580,000	8
8	SUDANGRASS HAY .....	47,162,000	7
9	LEAF LETTUCE .....	28,563,000	5
10	ASPARAGUS .....	28,060,000	12
11	MISC. VEGETABLES .....	24,764,000	13
12	ONIONS .....	20,828,000	9
13	MISC. LIVESTOCK .....	19,964,000	14
14	BROCCOLI .....	19,807,000	11
15	CAULIFLOWER .....	14,874,000	15
16	AQUATIC PRODUCTS .....	14,182,000	17
17	DATES .....	13,265,000	16
18	TOMATOES-MARKET .....	12,395,000	19
19	CERTIFIED SEED .....	12,171,000	25
20	SWEET CORN .....	11,840,000	20
21	COTTON LINT .....	10,959,000	18
22	WATERMELONS .....	10,524,000	28
23	MISC. FIELD CROPS .....	9,645,000	26
24	SHEEP .....	9,389,000	24
25	LEMONS .....	8,837,000	21
26	POTATOES .....	8,762,000	*
27	HONEYDEW & MISC. MELONS .....	7,240,000	29
28	ALFALFA SEED .....	7,198,000	22
29	BERMUDAGRASS SEED .....	6,972,000	23
30	TOTAL PASTURE .....	6,510,000	27
31	ONION SEED .....	3,679,000	32
32	HONEY .....	2,647,000	39
33	BAILED STRAW .....	2,564,000	37
34	GRAPEFRUIT .....	2,082,000	34
35	CABBAGE .....	2,077,000	35
36	MISC. SEED & NURSERY .....	2,021,000	36
37	TANGERINES .....	1,901,000	31
38	TOMATOES-PROCESSOR .....	1,870,000	33
39	MISC. CITRUS .....	1,834,000	30
40	COTTON SEED .....	1,330,000	38

\* = NEW FOR 1996

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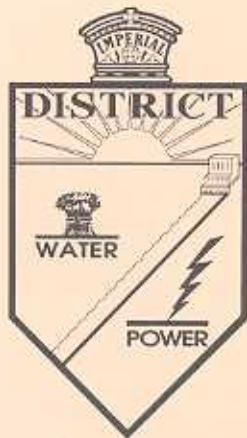
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IMPERIAL COUNTY  
AGRICULTURAL  
CROP & LIVESTOCK  
REPORT





Stephen L. Birdsall  
Agricultural Commissioner  
Director of Weights and Measures

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Director of Weights and Measures



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March 17, 1998

TO: Ann Veneman, Secretary  
Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Imperial  
Wayne VanDeGraaff, Chairman  
Bill Cole                      Dean A. Shores  
Tom Veysey                    Sam Sharp

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1997. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1997 was \$1,039,928,000. This is a 10.0 percent increase from the 1996 value. The increases in values were posted in the vegetable and melon crops (11.7%), livestock (6.8%), field crops (7.3%) and, seed and nursery (55.3%). The increases were a result of higher pricing mostly in hay, seed and vegetable crops, coupled with some increased acreage. Decreases in value occurred in citrus crops (3.2%), and apiary products (26%). The decreases were due to lower prices. As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$209 dollars of personal income is generated to agriculturally related jobs. The cotton and wheat crops posted record high yields in 1997. Whitefly continues to cause significant crop loss and economic damage.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

Sincerely,

Stephen L. Birdsall  
Agricultural Commissioner

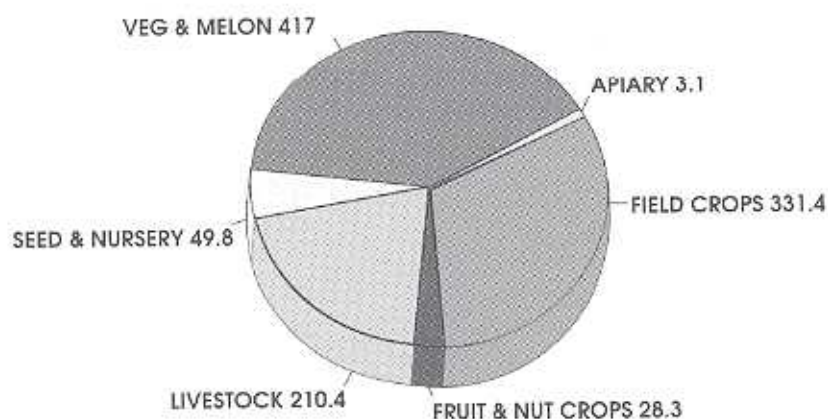
# LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN*	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)..... Finished & Background	1997	328,494	7.86	2,581,963	CWT	63.05	162,796,000
	1996	305,746	7.96	2,433,738	CWT	62.72	152,644,000
SHEEP (Feeders).....	1997	230,000	0.48	110,400	CWT	97.60	10,775,000
	1996	209,250	0.52	109,814	CWT	85.50	9,389,000
WOOL.....	1997	239,200		1,021,384	LBS	0.67	684,000
	1996	211,343		1,091,939	LBS	0.63	688,000
AQUATIC PRODUCTS..... (Fish & Algae)	1997						11,769,000
	1996						14,182,000
MISC. LIVESTOCK..... (Dairy, Dairy Heifers, Swine, Goats, Rabbits & Poultry)	1997						24,335,000
	1996						19,964,000
						VALUE 1997	210,359,000
						VALUE 1996	196,867,000

\* GAIN MAY NOT TOTAL DUE TO ROUNDING

## 1997 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



AGRICULTURAL PRODUCTION



# FIELD CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA (Pellets & Greenchopped)	1997	2,400	3.94	9,450.00	TON	120.00	1,134,000
	1996	2,190	9.27	20,312.00	TON	94.03	1,910,000
ALFALFA HAY (Baled)	1997	165,922	7.56	1,254,370.32	TON	117.91	147,903,000
	1996	158,926	7.54	1,198,302.00	TON	101.97	122,191,000
TOTAL ALFALFA	1997	168,322	7.52	1,265,820.32	TON	117.74	149,037,000
	1996	161,116	7.56	1,218,614.00	TON	101.84	124,101,000
COTTON (Lint)	1997	6,734	3.50	A 23,573.14	BALE	462.94	B 10,913,000
	1996	7,825	2.74	A 21,440.50	BALE	511.14	B 10,959,000
COTTON (Seed)	1997	6,734	1.31	8,839.93	TON	168.00	1,485,000
	1996	7,825	1.03	8,059.75	TON	165.02	1,330,000
<b>PASTURE CROPS</b>							
Alfalfa	1997	99,530	#		ACRE	36.00	3,583,000
	1996	95,356	#		ACRE	36.00	3,433,000
Ryegrass	1997	3,680	C		ACRE	296.00	1,089,000
	1996	3,469	C		ACRE	296.05	1,027,000
Sugar Beet Tops	1997	3,773	#		ACRE	59.20	223,000
	1996	3,398	#		ACRE	59.16	201,000
Misc. Pasture	1997	31,967	#		ACRE	51.26	1,639,000
	1996	36,536	#		ACRE	50.61	1,849,000
TOTAL PASTURE	1997	138,950					6,534,000
	1996	138,759					6,510,000
BALED STRAW	1997			59,503.34	TON	38.00	2,261,000
	1996			73,266.00	TON	35.00	2,564,000
SUDANGRASS HAY	1997	87,562	5.56	486,844.72	TON	98.77	48,086,000
	1996	85,896	6.36	546,299.00	TON	86.33	47,162,000
SUGAR BEETS	1997	37,731	34.61	1,305,869.91	TON	41.65	54,389,000
	1996	33,980	34.45	1,170,611.00	TON	41.50	48,580,000
WHEAT	1997	93,431	3.22	300,847.82	TON	152.51	45,882,000
	1996	110,173	3.01	331,620.73	TON	174.60	57,901,000
MISC. FIELD CROPS	1997	25,893					12,802,000
	1996	27,303					9,646,000
TOTALS 1997	ACRES	423,353				VALUE	331,389,000
TOTALS 1996	ACRES	429,762				VALUE	308,753,000

\* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Buffleggrass, Corn Nuts, Field Corn, Kliengrass, Ryegrass, Oats, Sorghum Grain and Sorghum, Corn, Alfalfa and Sudan Silage.

# = Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

C = Pastured Five Times

# VEGETABLE AND MELON CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ASPARAGUS</b>							
Harvested .....	1997	4,900	132	644,698	30 LB CTN	35.22	22,706,000
New Seeding .....	1997	681					
Harvested .....	1996	4,396	166	731,110	30 LB CTN	38.38	28,060,000
<b>BROCCOLI (Market) .....</b>							
	1997	7,613	522	3,971,810	26 LB CTN	9.02	35,826,000
	1996	7,092	385	2,726,941	26 LB CTN	7.19	19,607,000
<b>CABBAGE (Market) .....</b>							
	1997	1,120	628	703,841	45 LB CTN	4.44	3,125,000
	1996	710	687	487,612	45 LB CTN	4.26	2,077,000
<b>CARROTS</b>							
Market .....	1997	6,560	777	5,095,288	50 LB BAG	6.90	35,157,000
Revised .....	1996	6,588	708	4,664,304	50 LB BAG	5.70	26,587,000
Processing & Other .....	1997	9,454	33.90	320,491	TON	85.32	27,344,000
Revised .....	1996	9,881	33.90	334,966	TON	85.32	28,579,000
<b>TOTAL CARROTS .....</b>	1997	16,014					62,501,000
Revised .....	1996	16,469					55,166,000
<b>CAULIFLOWER (Market) .....</b>							
	1997	3,461	572	1,980,312	23 LB CTN	7.22	14,298,000
	1996	3,710	519	1,924,251	23 LB CTN	7.73	14,874,000
<b>SWEET CORN .....</b>							
Fall & Spring .....	1997	4,556	308	1,403,093	50 LB CTN	7.98	11,197,000
	1996	4,397	320	1,409,200	50 LB CTN	8.26	11,640,000
<b>HEAD LETTUCE</b>							
Naked Pack & Bulk .....	1997	12,056	540	6,508,684	50 LB CTN	4.93	32,088,000
	1996	12,156	453	5,509,634	50 LB CTN	5.38	29,663,000
Wrap Pack .....	1997	9,864	533	5,255,026	40 LB CTN	6.87	36,102,000
	1996	9,945	506	5,035,114	40 LB CTN	7.30	36,773,000
Salad Products .....	1997						13,793,000
	1996						11,563,000
<b>TOTAL HEAD LETTUCE....</b>	1997	21,920					81,983,000
	1996	22,101					77,999,000
<b>LEAF LETTUCE .....</b>							
	1997	8,460	854	7,224,840	35 LB CTN	7.28	52,597,000
	1996	6,944	735	5,103,848	35 LB CTN	5.60	28,563,000
<b>POTATOES .....</b>							
	1997	2,784	262	729,408	CWT	14.93	10,890,000
	1996	1,955	273	534,556	CWT	16.39	8,762,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING



# VEGETABLE AND MELON CROPS

(continued)

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ONIONS</b>							
Market .....	1997	4,979	908	4,520,578	50 LB SACK	4.91	22,196,000
	1996	4,720	511	2,412,530	50 LB SACK	4.15	10,012,000
Processor .....	1997	5,350	19.09	102,416	TON	86.28	8,836,000
	1996	7,259	17.47	126,815	TON	85.29	10,816,000
<b>TOTAL ONIONS.....</b>	1997	10,329					31,032,000
	1996	11,979					20,828,000
<b>TOMATOES</b>							
Market .....	1997	652	1,342	874,984	25 LB CTN	5.77	5,049,000
	1996	1,214	1,833	2,225,262	25 LB CTN	5.57	12,395,000
Processor .....	1997	Misc.					
	1996	808	42.33	34,203	TON	54.67	1,870,000
<b>TOTAL TOMATOES.....</b>	1997	652					5,049,000
	1996	2,022					14,265,000
<b>MISC. VEGETABLES.....</b>	1997	5,768					23,210,000
	1996	5,860					24,764,000
<b>CANTALOUPE</b>							
Spring .....	1997	13,605	434	5,899,795	40 LB CTN	6.73	39,706,000
	1996	15,137	436	6,606,415	40 LB CTN	6.91	45,650,000
Fall.....	1997	2,619	237	620,368	40 LB CTN	8.32	5,161,000
	1996	1,598	219	350,183	40 LB CTN	10.83	3,792,000
<b>TOTAL CANTALOUPE....</b>	1997	16,224	402	6,520,163	40 LB CTN	6.88	44,867,000
	1996	16,735	416	6,956,598	40 LB CTN	7.11	49,442,000
<b>HONEYDEW &amp; MISC. MELONS</b>							
Spring and Fall .....	1997	1,793	576	1,032,380	40 LB CTN	6.30	6,504,000
	1996	1,820	761	1,385,626	40 LB CTN	5.23	7,240,000
<b>WATERMELONS.....</b>	1997	2,114	24.38	51,530	TON	216.72	11,168,000
	1996	2,858	16.14	46,129	TON	228.14	10,524,000
<b>TOTALS 1997.....</b>	<b>ACRES</b>	107,708				<b>VALUE</b>	416,953,000
<b>TOTALS 1996.....</b>	<b>ACRES</b>	109,048		Revised		<b>VALUE</b>	373,811,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Endive, Garlic, Kale, Mustard Greens, Misc. Organics, Okra, Green Onions, Parsley, Parsnips, Peppers, Processor Tomatoes, Radishes, Rappini, Rutabagas, Spinach, Squash, Swiss Chard, Turnips and Water Lilies.

# FRUIT AND NUT CROPS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>DATES</b>							
Harvested .....	1997	803	3.30	2,649.90	TON	4,420.00	11,713,000
Non-Bearing .....	1997	177					
Harvested .....	1996	752	3.60	2,707.20	TON	4,900.00	13,265,000
<b>GRAPEFRUIT</b>							
Harvested .....	1997	816	14.58	11,897.28	TON	399.99	4,759,000
Non-Bearing .....	1997	235					
Harvested .....	1996	754	7.58	5,715.32	TON	364.28	2,082,000
<b>LEMONS</b>							
Harvested .....	1997	1,635	6.99	11,428.65	TON	632.61	7,230,000
Non-Bearing .....	1997	857					
Harvested .....	1996	1,736	9.09	15,780.24	TON	560.03	8,837,000
<b>ORANGES (NAVEL &amp; VALENCIA)</b>							
Harvested .....	1997	581	0.96	557.76	TON	497.35	277,000
Non-Bearing .....	1997	41					
Harvested .....	1996	599	3.31	1,982.69	TON	448.42	889,000
<b>TANGERINES</b>							
Harvested .....	1997	454	5.11	2,319.94	TON	503.20	1,167,000
Non-Bearing .....	1997	0					
Harvested .....	1996	630	5.94	3,742.20	TON	508.00	1,901,000
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
Harvested .....	1997	450	8.31	3,739.50	TON	714.19	2,671,000
Non-Bearing .....	1997	89					
Harvested .....	1996	444	4.86	2,156.50	TON	850.45	1,834,000
<b>CITRUS BY-PRODUCTS .....</b>							
	1997			13,752.10	TON	36.86	507,000
	1996			9,472.98	TON	43.52	412,000
<b>TOTALS 1997 .....</b>		<b>ACRES</b>	4,739			<b>VALUE</b>	28,324,000
<b>TOTALS 1996 .....</b>		<b>ACRES</b>	4,915			<b>VALUE</b>	29,220,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING  
 MISC. CITRUS = Tangelos and Sour Orange  
 FRUIT & NUT CROPS = Grapes and Mangos



## SEED CROPS AND NURSERY PRODUCTS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED .....	1997	11,739	530	6,221,670	LBS	1.61	10,017,000
	1996	13,238	435	5,758,530	LBS	1.25	7,198,000
BERMUDAGRASS SEED .....	1997	18,710	589	11,020,190	LBS	1.62	17,853,000
	1996	22,636	280	6,338,080	LBS	1.10	6,972,000
ONION SEED .....	1997	3,573	514	1,836,522	LBS	5.44	9,991,000
	1996	1,882	391	735,862	LBS	5.00	3,679,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS .....	1997	1,038					1,882,000
	1996	1,066					2,021,000
CERTIFIED SEED .....	1997	9,372					10,031,000
	1996	15,229					12,171,000
TOTALS 1997 .....	ACRES	44,432				VALUE	49,774,000
TOTALS 1996 .....	ACRES	54,051				VALUE	32,041,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE AND

FLOWER SEED CROPS = Artichoke, Broccoli, Carrots, Cauliflower, Flax, Flowers, Herbs, Lettuce, Okra, Radish, Rape, Rappini, Sudangrass, Sunflower and Grains.

CERTIFIED SEED = Alfalfa, Artichoke, Bermudagrass, Flax, Oats, Rape, Sudangrass and Wheat.

## APIARY PRODUCTS

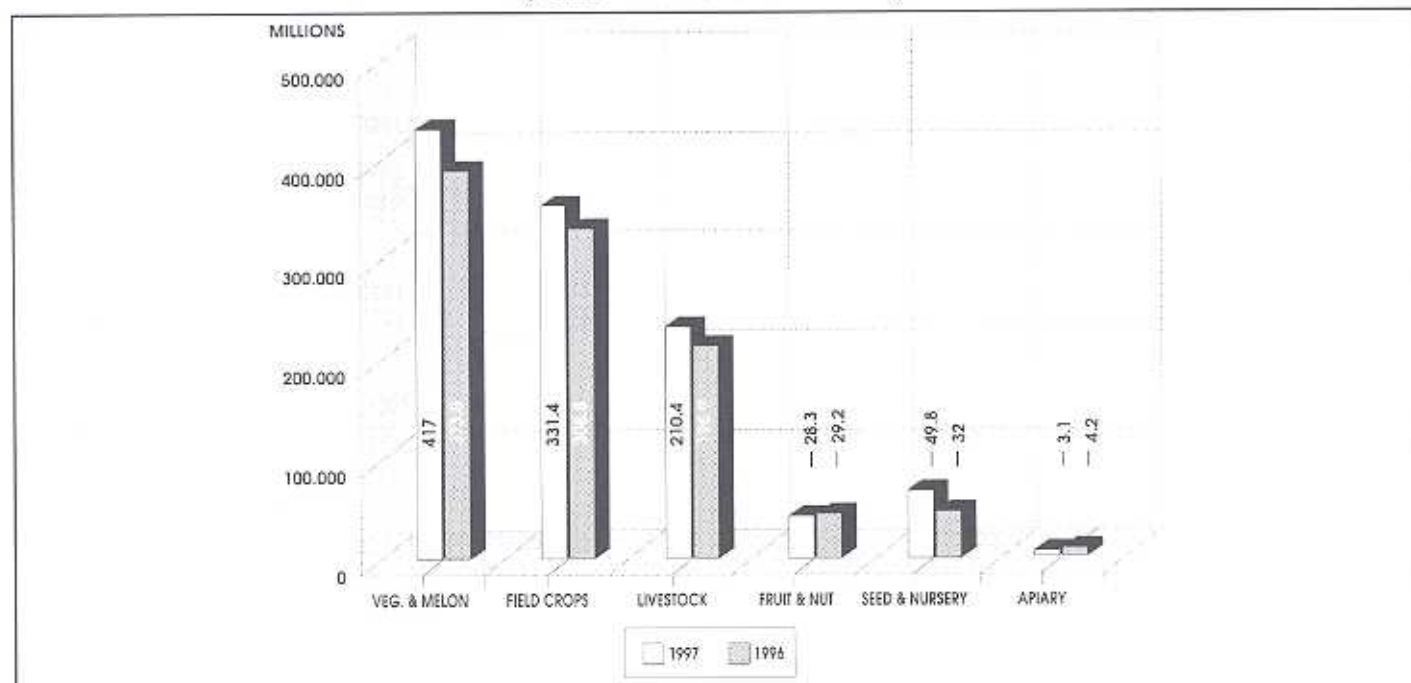
	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY .....	1997	46,228	58.20	2,690,672.16	LBS	0.61	1,634,000
	1996	44,117	72.29	3,189,156.63	LBS	0.83	2,647,000
WAX .....	1997	52,228	1.17	60,920.92	LBS	1.64	100,000
	1996	44,317	1.41	62,404.00	LBS	2.25	140,000
POLLINATION .....	1997	64,302			COL	21.69	1,395,000
	1996	67,925			COL	21.27	1,445,000
						VALUE 1997	3,129,000
						VALUE 1996	4,232,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

# 1997 SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
<b>VEGETABLE &amp; MELON CROPS</b> .....	1997	107,708	416,953,000
Revised for Carrots	1996	109,048	373,811,000
<b>FIELD CROPS</b> .....	1997	423,353	331,389,000
	1996	429,762	308,753,000
<b>LIVESTOCK</b> .....	1997		210,359,000
	1996		196,867,000
<b>FRUIT &amp; NUT CROPS</b> .....	1997	4,739	28,324,000
	1996	4,915	29,220,000
<b>SEED &amp; NURSERY CROPS</b> .....	1997	44,432	49,774,000
	1996	54,051	32,041,000
<b>APIARY PRODUCTS</b> .....	1997		3,129,000
	1996		4,232,000
<b>TOTALS</b> .....	1997	580,232	1,039,928,000
Revised <b>TOTALS</b> .....	1996	597,776	944,924,000

## GROSS VALUE 1997-1996 COMPARISON (Value = Millions of Dollars)





# TOP FORTY CROPS

1997 RANKING			1996 RANKING
1	CATTLE .....	\$162,796,000	1
2	ALFALFA .....	149,037,000	2
3	LETTUCE .....	81,983,000	3
4	CARROTS .....	62,501,000	4
5	SUGARBEETS .....	54,389,000	7
6	LEAF LETTUCE .....	52,597,000	9
7	SUDANGRASS HAY .....	48,086,000	8
8	WHEAT .....	45,882,000	5
9	CANTALOUPE .....	44,867,000	6
10	BROCCOLI .....	35,826,000	14
11	ONIONS .....	31,032,000	12
12	MISC. LIVESTOCK .....	24,335,000	13
13	MISC. VEGETABLES .....	23,210,000	11
14	ASPARAGUS .....	22,706,000	10
15	BERMUDAGRASS SEED .....	17,853,000	29
16	CAULIFLOWER .....	14,298,000	15
17	MISC. FIELD CROPS .....	12,802,000	23
18	AQUATIC PRODUCTS .....	11,769,000	16
19	DATES .....	11,713,000	17
20	SWEET CORN .....	11,197,000	20
21	WATERMELONS .....	11,168,000	22
22	COTTON LINT .....	10,913,000	21
23	POTATOES .....	10,890,000	26
24	SHEEP .....	10,775,000	24
25	CERTIFIED SEED .....	10,031,000	19
26	ALFALFA SEED .....	10,017,000	28
27	ONION SEED .....	9,991,000	31
28	LEMONS .....	7,230,000	25
29	TOTAL PASTURE .....	6,534,000	30
30	HONEYDEW & MISC. MELONS .....	6,504,000	27
31	TOMATOES - MARKET .....	5,049,000	18
32	GRAPEFRUIT .....	4,759,000	34
33	CABBAGE .....	3,125,000	35
34	MISC. CITRUS .....	2,671,000	39
35	BALED STRAW .....	2,261,000	33
36	MISC. SEED & NURSERY .....	1,882,000	36
37	TOMATOES - PROCESSOR .....	1,870,000	38
38	HONEY .....	1,634,000	32
39	COTTON SEED .....	1,485,000	40
40	POLLINATION .....	1,395,000	*

\* = NEW FOR 1997

This report is published by the Agricultural Commissioner's Office  
with assistance of the Imperial Irrigation District

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# 1998

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# Imperial County Agricultural Crop & Livestock Report

*In cooperation with the  
Imperial Irrigation District*

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**TABLE I IMPACT ON 1998 IMPERIAL COUNTY PRIVATE SECTOR SALES**

COMMODITY	GROSS VALUE	MULTIPLIER	PRIVATE SECTOR SALES
MISC. LIVESTOCK (DAIRY AND SWINE)	35,637,000	1.5081	53,744,160
CATTLE	151,408,000	1.4884	225,355,667
SHEEP (FEEDERS AND WOOL)	7,739,000	1.6738	12,953,538
AQUATIC PRODUCTS	10,585,000	1.5563	16,473,436
FRUIT CROPS	28,313,000	1.6765	47,466,745
CITRUS BY-PRODUCTS	411,000	1.5198	624,638
APIARY PRODUCTS	2,893,000	1.5563	4,502,376
VEGETABLE AND MELON CROPS - MARKET	437,592,000	1.436	628,382,112
VEGETABLE AND MELON CROPS - PROCESSING	48,586,000	1.5198	73,841,003
FIELD CROPS	184,880,000	1.298	239,974,240
SUGARBEETS	51,942,000	1.4674	76,219,691
WHEAT	40,830,000	1.4794	60,403,902
COTTON LINT	7,080,000	1.4599	10,336,092
INDUSTRIAL CROPS	0	1.5563	0
SEED CROPS	75,336,000	1.2996	97,906,666
<b>TOTAL</b>	<b>1,083,232,000</b>		<b>1,548,184,266</b>

The multiplier relates the total dollar volume of private sector sales to a dollars worth of gross value sales.

**TABLE II IMPACT ON 1998 IMPERIAL COUNTY PERSONAL INCOME**

COMMODITY	GROSS VALUE	MULTIPLIER	PERSONAL INCOME
MISC. LIVESTOCK (DAIRY AND SWINE)	35,637,000	0.1484	5,288,531
CATTLE	151,408,000	0.1399	21,181,979
SHEEP (FEEDERS AND WOOL)	7,739,000	0.2048	1,584,947
AQUATIC PRODUCTS	10,585,000	0.2915	3,085,528
FRUIT CROPS	28,313,000	0.4365	12,358,625
CITRUS BY-PRODUCTS	411,000	0.2167	89,064
APIARY PRODUCTS	2,893,000	0.2915	843,310
VEGETABLE AND MELON CROPS - MARKET	437,592,000	0.2742	119,987,726
VEGETABLE AND MELON CROPS - PROCESSING	48,586,000	0.2187	10,625,758
FIELD CROPS	184,880,000	0.1333	24,644,504
SUGARBEETS	51,942,000	0.2419	12,564,770
WHEAT	40,830,000	0.1921	7,843,443
COTTON LINT	7,080,000	0.2780	1,968,240
INDUSTRIAL CROPS	0	0.2915	0
SEED CROPS	75,336,000	0.1242	9,356,731
<b>TOTAL</b>	<b>1,083,232,000</b>		<b>231,423,156</b>

The multiplier relates the total dollar amount of personal income produced for every dollar of gross value sales.

**TABLE III IMPACT ON 1998 IMPERIAL COUNTY PRIVATE SECTOR JOBS**

COMMODITY	GROSS VALUE*	MULTIPLIER	EMPLOYMENT
MISC. LIVESTOCK (DAIRY AND SWINE)	35.637	15.5702	555
CATTLE	151.408	14.4442	2,187
SHEEP (FEEDERS AND WOOL)	7.739	18.1742	141
AQUATIC PRODUCTS	10.585	24.2388	257
FRUIT CROPS	28.313	51.9682	1,471
CITRUS BY-PRODUCTS	0.411	12.8524	5
APIARY PRODUCTS	2.893	24.2388	70
VEGETABLE AND MELON CROPS - MARKET	437.592	31.6833	13,864
VEGETABLE AND MELON CROPS - PROCESSING	48.586	12.8524	624
FIELD CROPS	184.880	14.2646	2,637
SUGARBEETS	51.942	33.1873	1,724
WHEAT	40.830	29.4977	1,204
COTTON LINT	7.080	16.4795	117
INDUSTRIAL CROPS	0.000	24.2388	0
SEED CROPS	75.336	12.9164	973
<b>TOTAL</b>	<b>1,083,232,000</b>		<b>25,829</b>

\*MILLIONS OF DOLLARS

The multiplier relates the total number of private sector jobs per million dollars of gross value sales.

Stephen L. Birdsall  
Agricultural Commissioner  
Director of Weights and Measures

Miguel A. Monroy  
Assistant Agricultural Commissioner  
Director of Weights and Measures



AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

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March 30, 1999

TO: William J. Lyons, Jr., Secretary  
Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Imperial  
Tom Veysey, Chairperson  
Bill Cole Wally Leimgruber  
Dean A. Shores Tony Tirado

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1998. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1998 was \$1,083,232,000. This is a 4.1 percent increase from the 1997 value. The increase in values were posted in the vegetable and melon crops (16.6%), and seed and nursery (51.3%). The increases were a result of higher prices and yields in vegetable and melon crops. The increases in seed and nursery crops were due to increases in acreage of alfalfa, bermudagrass and certified seed crops. Decreases in value occurred in field crops (14%), livestock (2.3%) and apiary (7.5%). The decreases were due to lower prices.

As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$214 dollars of personal income is generated to agricultural related jobs. The Whitefly continues to cause significant crop loss and economic damage.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I especially wish to thank the staff that produced this report for their dedicated work.

Sincerely,

Stephen L. Birdsall  
Agricultural Commissioner



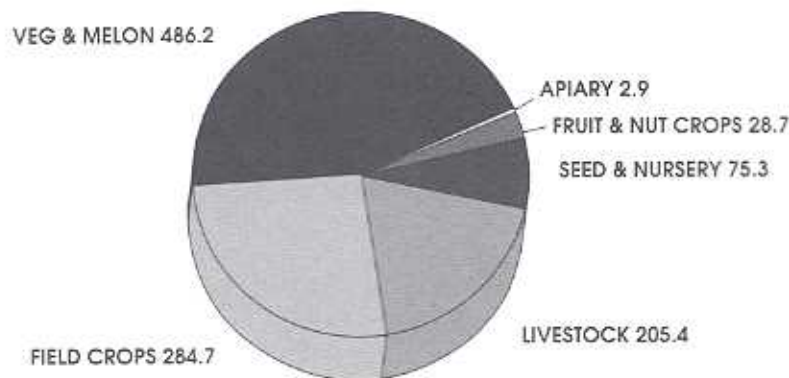
# LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN*	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot).....	1998	325,107	8.01	2,605,402	CWT	58.11	151,408,000
	1997	328,494	7.86	2,581,963	CWT	63.05	162,796,000
SHEEP (Feeders).....	1998	225,000	0.49	110,250	CWT	65.60	7,232,000
	1997	230,000	0.48	110,400	CWT	97.60	10,775,000
WOOL.....	1998	234,000	3.44	804,960	LBS	0.63	507,000
	1997	239,200	4.27	1,021,384	LBS	0.67	684,000
AQUATIC PRODUCTS..... (Fish & Algae)	1998						10,585,000
	1997						11,769,000
MISC. LIVESTOCK..... (Dairy, Dairy Heifers, Swine, Cattle, Goats, Rabbits & Poultry)	1998						35,637,000
	1997						24,335,000
						<b>VALUE 1998</b>	<b>205,369,000</b>
						<b>VALUE 1997</b>	<b>210,359,000</b>

\* GAIN MAY NOT TOTAL DUE TO ROUNDING

## 1998 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



AGRICULTURAL PRODUCTION

# FIELD CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA HAY (Baled) .....	1998	178,517	7.65	1,365,655.05	TON	93.64	127,880,000
	1997	165,922	7.56	1,254,370.32	TON	117.91	147,903,000
BERMUDAGRASS HAY.....	1998	31,774	4.56	144,889.44	TON	80.58	11,675,000
	1997	Misc.	>				
COTTON (Lint).....	1998	7,800	2.41	A 18,810.40	BALE	376.37	B 7,080,000
	1997	6,734	3.50	A 23,573.14	BALE	462.94	B 10,913,000
COTTON (Seed).....	1998	7,800	0.90	7,025.55	TON	185.00	1,300,000
	1997	6,734	1.31	8,839.93	TON	168.00	1,485,000
<b>PASTURE CROPS</b>							
Alfalfa .....	1998	107,110	#		ACRE	23.74	2,543,000
	1997	99,530	#		ACRE	36.00	3,583,000
Bermudagrass .....	1998	12,710	#		ACRE	23.74	302,000
	1997	Misc.	>				
Sudangrass .....	1998	16,642	#		ACRE	26.15	435,000
	1997	Misc.	>				
Misc. Pasture.....	1998	9,459	#		ACRE	181.88	1,720,000
	1997	31,967	#		ACRE	51.26	1,639,000
<b>TOTAL PASTURE</b> .....	1998	145,921					5,000,000
	1997	138,950					6,534,000
<b>BALED STRAW</b> .....	1998			49,557.30	TON	30.90	1,531,000
	1997			59,503.34	TON	38.00	2,261,000
<b>SUDANGRASS HAY</b> .....	1998	70,068	4.94	346,135.92	TON	99.37	34,396,000
	1997	87,562	5.56	486,844.72	TON	98.77	48,086,000
<b>SUGAR BEETS</b> .....	1998	34,258	36.10	1,236,713.80	TON	42.00	51,942,000
	1997	37,731	34.61	1,305,869.91	TON	41.65	54,389,000
<b>WHEAT</b> .....	1998	83,882	3.30	276,810.60	TON	147.50	40,830,000
	1997	93,431	3.22	300,847.82	TON	152.51	45,882,000
<b>MISC. FIELD CROPS</b> .....	1998	10,164					3,098,000
	1997	28,293				**	20,470,000
<b>TOTALS 1998</b> .....	<b>ACRES</b>	416,463				<b>VALUE</b>	284,732,000
** <b>TOTALS 1997</b> .....	<b>ACRES</b>	419,673				<b>VALUE</b>	331,389,000

\* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD CROPS = Barley, Bufflegrass Hay, Field Corn, Kliengrass Hay, Ryegrass Hay, Oat Hay, Sorghum Grain, Alfalfa Pellets, Sorghum, Alfalfa and Sudan Silage.

MISC. PASTURE=Ryegrass, Sugarbeets, Permanent Pasture and Sweet Corn

# = Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

> = Included in Mis. in 1997

\*\*Revised



# VEGETABLE AND MELON CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ASPARAGUS</b>							
Harvested .....	1998	4,548	162	736,325	30 LB CTN	36.67	27,001,000
New Plantings .....	1998	1,026					
Harvested .....	1997	4,900	132	644,698	30 LB CTN	35.22	22,706,000
<b>BROCCOLI (Market) .....</b>							
	1998	9,589	541	5,183,259	26 LB CTN	8.84	45,820,000
	1997	7,613	522	3,971,810	26 LB CTN	9.02	35,826,000
<b>CABBAGE (Market) .....</b>							
	1998	1,126	716	806,464	45 LB CTN	5.90	4,758,000
	1997	1,120	628	703,841	45 LB CTN	4.44	3,125,000
<b>CARROTS</b>							
Market .....	1998	6,692	796	5,323,504	50 LB BAG	7.86	41,843,000
	1997	6,560	777	5,095,288	50 LB BAG	6.90	35,157,000
Processing & Other .....	1998	9,724	32.66	317,586	TON	70.44	22,371,000
	1997	9,454	33.90	320,491	TON	85.32	27,344,000
<b>TOTAL CARROTS .....</b>	1998	16,416					64,214,000
	1997	16,014					62,501,000
<b>CAULIFLOWER (Market) .....</b>							
	1998	3,313	597	1,977,921	23 LB CTN	9.92	19,621,000
	1997	3,461	572	1,980,312	23 LB CTN	7.22	14,298,000
<b>SWEET CORN .....</b>							
Fall & Spring .....	1998	6,088	311	1,895,317	50 LB CTN	7.30	13,836,000
	1997	4,556	308	1,403,093	50 LB CTN	7.98	11,197,000
<b>HEAD LETTUCE</b>							
Naked Pack & Bulk .....	1998	10,141	552	5,599,487	50 LB CTN	6.22	34,829,000
	1997	12,056	540	6,508,684	50 LB CTN	4.93	32,088,000
Wrap Pack .....	1998	8,298	598	4,960,848	40 LB CTN	8.71	43,209,000
	1997	9,864	533	5,255,026	40 LB CTN	6.87	36,102,000
Salad Products .....	1998			39,372,760	LB	0.43	16,930,000
	1997			31,346,770	LB	0.44	13,793,000
<b>TOTAL HEAD LETTUCE</b>	1998	18,439					94,968,000
	1997	21,920					81,983,000
<b>LEAF LETTUCE .....</b>							
	1998	8,018	931	7,466,468	35 LB CTN	7.50	55,999,000
	1997	8,460	854	7,224,840	35 LB CTN	7.28	52,597,000
<b>SPRING MIX .....</b>							
Incl. In Leaf Lettuce	1998	1,109	4,589	5,089,201	LB	1.18	6,005,000
	1997						

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

SPRING MIX=Various Red, Green, and Baby Leaf Lettuce, Romaine, Mizuna, Kale, Arugula, Beet Tops, Spinach, Mustard, Endive, Tat-Soi, Frisee, Orach, Chard and Other Salad Greens.

# VEGETABLE AND MELON CROPS

(continued)

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ONIONS</b>							
Market .....	1998	4,671	1,068	4,986,555	50 LB SACK	7.01	34,956,000
	1997	4,979	908	4,520,578	50 LB SACK	4.91	22,196,000
Processor .....	1998	5,086	21.04	107,009	TON	86.77	9,285,000
	1997	5,350	19.09	102,416	TON	86.28	8,836,000
<b>TOTAL ONIONS</b> .....	1998	9,757					44,241,000
	1997	10,329					31,032,000
<b>POTATOES</b> .....							
	1998	2,622	376	985,872	CWT	10.95	10,795,000
	1997	2,784	262	729,408	CWT	14.93	10,890,000
<b>TOMATOES</b>							
Market .....	1998	655	1,689	1,106,295	25 LB CTN	5.90	6,527,000
	1997	652	1,342	874,984	25 LB CTN	5.77	5,049,000
<b>MISC. VEGETABLES</b> .....	1998	4,953					31,402,000
	1997	5,768					23,210,000
<b>CANTALOUPE</b>							
Spring .....	1998	12,216	542	6,619,872	40 LB CTN	6.23	41,242,000
	1997	13,605	434	5,899,795	40 LB CTN	6.73	39,706,000
Fall.....	1998	1,871	328	613,137	40 LB CTN	5.80	3,556,000
	1997	2,619	237	620,368	40 LB CTN	8.32	5,161,000
<b>TOTAL CANTALOUPE</b> ....	1998	14,087	513	7,233,009	40 LB CTN	6.20	44,798,000
	1997	16,224	402	6,520,163	40 LB CTN	6.88	44,867,000
<b>HONEYDEW &amp; MISC. MELONS</b>							
Spring and Fall .....	1998	1,263	662	835,484	40 LB CTN	5.05	4,219,000
	1997	1,793	576	1,032,380	40 LB CTN	6.30	6,504,000
<b>WATERMELONS</b> .....							
	1998	1,635	26.84	43,883	TON	272.87	11,974,000
	1997	2,114	24.38	51,530	TON	216.72	11,168,000
<b>TOTALS 1998</b> .....	<b>ACRES</b>	103,618				<b>VALUE</b>	486,178,000
<b>TOTALS 1997</b> .....	<b>ACRES</b>	107,708				<b>VALUE</b>	416,953,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Endive, Garlic, Kale, Mustard Greens, Misc. Organics, Okra, Green Onions, Parsley, Parsnips, Peppers, Processor Tomatoes, Radishes, Rappini, Rutabagas, Spinach, Squash, Swiss Chard, Turnips and Water Lilies.



# FRUIT AND NUT CROPS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>DATES</b>							
Harvested .....	1998	1,003	3.00	3,009.00	TON	4,420.00	13,300,000
Non-Bearing .....	1998	435					
Harvested .....	1997	803	3.30	2,649.90	TON	4,420.00	11,713,000
<b>GRAPEFRUIT</b>							
Harvested .....	1998	799	12.18	9,731.82	TON	317.63	3,091,000
Non-Bearing .....	1998	123					
Harvested .....	1997	816	14.58	11,897.28	TON	399.99	4,759,000
<b>LEMONS</b>							
Harvested .....	1998	1,783	7.99	14,246.17	TON	546.30	7,783,000
Non-Bearing .....	1998	2,118					
Harvested .....	1997	1,635	6.99	11,428.65	TON	632.61	7,230,000
<b>ORANGES (NAVEL &amp; VALENCIA)</b>							
Harvested .....	1998	609	3.47	2,113.23	TON	316.31	668,000
Non-Bearing .....	1998	76					
Harvested .....	1997	581	0.96	557.76	TON	497.35	277,000
<b>TANGERINES</b>							
Harvested .....	1998	402	4.24	1,704.48	TON	707.20	1,205,000
Non-Bearing .....	1998	30					
Harvested .....	1997	454	5.11	2,319.94	TON	503.20	1,167,000
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
Harvested .....	1998	491	6.67	3,274.97	TON	691.99	2,266,000
Non-Bearing .....	1998	89					
Harvested .....	1997	450	8.31	3,739.50	TON	714.19	2,671,000
<b>CITRUS BY-PRODUCTS</b>							
	1998			11,786.36	TON	34.85	411,000
	1997			13,752.10	TON	36.86	507,000
<b>TOTALS 1998</b> .....		<b>ACRES</b>	5,087			<b>VALUE</b>	28,724,000
<b>TOTALS 1997</b> .....		<b>ACRES</b>	4,739			<b>VALUE</b>	28,324,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING  
 MISC. CITRUS = Tangelos, Sour Orange and Mandarins  
 FRUIT & NUT CROPS = Grapes and Mangos

## SEED CROPS AND NURSERY PRODUCTS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED .....	1998	19,781	476	9,415,756	LBS	1.57	14,783,000
	1997	11,739	530	6,221,670	LBS	1.61	10,017,000
BERMUDAGRASS SEED .....	1998	21,865	688	15,043,120	LBS	1.40	21,060,000
	1997	18,710	589	11,020,190	LBS	1.62	17,853,000
ONION SEED .....	1998	2,256	487	1,098,672	LBS	6.95	7,636,000
	1997	3,573	514	1,836,522	LBS	5.44	9,991,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS .....	1998	1,198					2,657,000
	1997	1,038					1,882,000
CERTIFIED SEED .....	1998	15,459					29,200,000
	1997	9,372					10,031,000
TOTALS 1998 .....	ACRES	60,559				VALUE	75,336,000
TOTALS 1997 .....	ACRES	44,432				VALUE	49,774,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE AND

FLOWER SEED CROPS = Artichoke, Broccoli, Carrots, Cauliflower, Flowers, Herbs, Lettuce, Okra, Radish, Rape, Rappini and Grains.

CERTIFIED SEED = Alfalfa, Artichoke, Barley, Bermudagrass, Rape, Sudangrass and Wheat.

## APIARY PRODUCTS

	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY .....	1998	38,943	47.41	1,846,421.87	LBS	0.53	986,000
	1997	46,228	58.20	2,690,672.16	LBS	0.61	1,634,000
WAX .....	1998	42,693	1.23	52,380.25	LBS	1.25	65,000
	1997	52,228	1.17	60,920.92	LBS	1.64	100,000
POLLINATION .....	1998	79,451			COL	23.19	1,842,000
	1997	64,302			COL	21.69	1,395,000
						VALUE 1998	2,893,000
						VALUE 1997	3,129,000

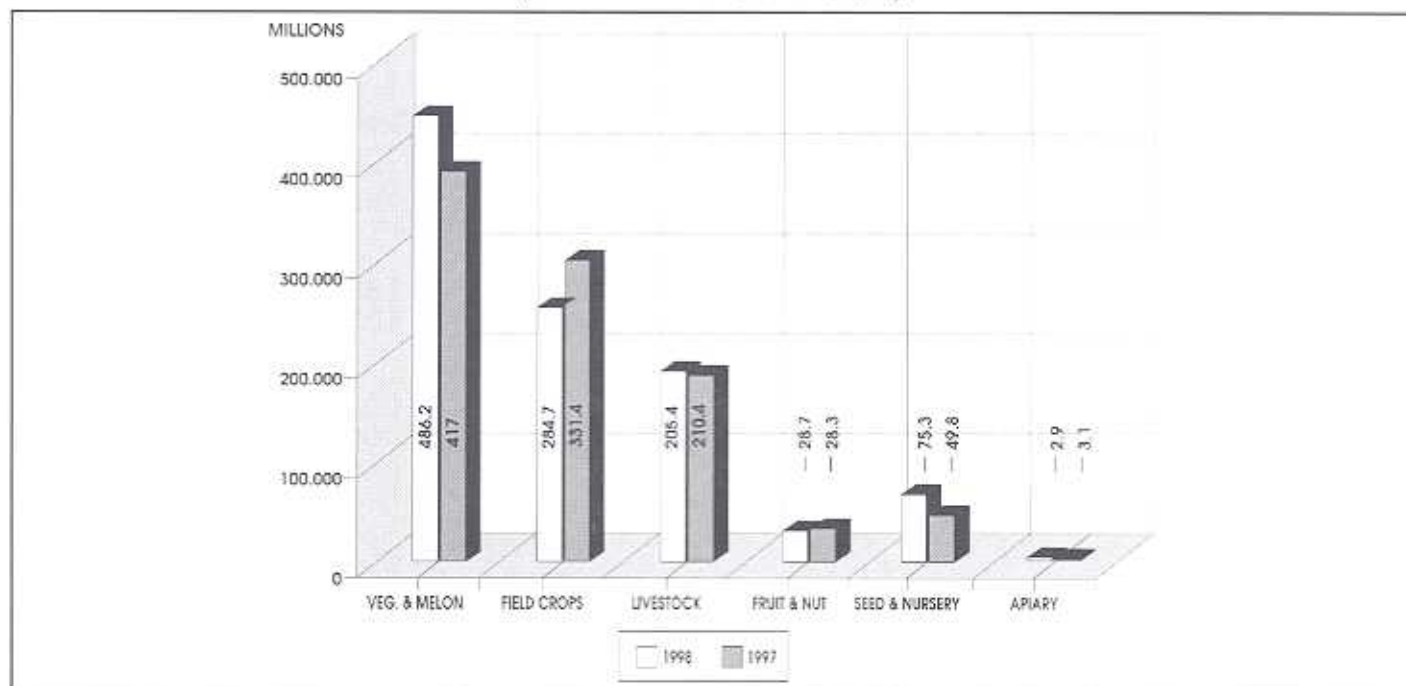
\* UNITS MAY NOT TOTAL DUE TO ROUNDING



# 1998 SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS .....	1998	103,618	486,178,000
	1997	107,708	416,953,000
FIELD CROPS .....	1998	416,463	284,732,000
	1997	*419,673	331,389,000
LIVESTOCK .....	1998		205,369,000
	1997		210,359,000
FRUIT & NUT CROPS .....	1998	5,087	28,724,000
	1997	4,739	28,324,000
SEED & NURSERY CROPS .....	1998	60,559	75,336,000
	1997	44,432	49,774,000
APIARY PRODUCTS .....	1998		2,893,000
	1997		3,129,000
Revised * <b>TOTALS</b> .....	1998	585,727	1,083,232,000
	1997	*576,552	1,039,928,000

## GROSS VALUE 1998-1997 COMPARISON (Value = Millions of Dollars)



# TOP FORTY CROPS

1998 RANKING			1997 RANKING
1	CATTLE .....	\$151,408,000	1
2	ALFALFA .....	127,880,000	2
3	LETTUCE .....	94,968,000	3
4	CARROTS .....	64,214,000	4
5	LEAF LETTUCE .....	55,999,000	6
6	SUGARBEETS .....	51,942,000	5
7	BROCCOLI .....	45,820,000	10
8	CANTALOUPE .....	44,798,000	9
9	ONIONS .....	44,241,000	11
10	WHEAT .....	40,830,000	8
11	MISC. LIVESTOCK .....	35,637,000	12
12	SUNDANGRASS HAY .....	34,396,000	7
13	MISC. VEGETABLES .....	31,402,000	13
14	CERTIFIED SEED .....	29,200,000	25
15	ASPARAGUS .....	27,001,000	14
16	BERMUDAGRASS SEED .....	21,060,000	15
17	CAULIFLOWER .....	19,621,000	16
18	ALFALFA SEED .....	14,783,000	26
19	SWEET CORN .....	13,836,000	20
20	DATES .....	13,300,000	19
21	WATERMELONS .....	11,974,000	21
22	BERMUDAGRASS HAY .....	11,675,000	*
23	POTATOES .....	10,795,000	23
24	AQUATIC PRODUCTS .....	10,585,000	18
25	LEMONS .....	7,783,000	28
26	ONION SEED .....	7,636,000	27
27	SHEEP .....	7,232,000	24
28	COTTON LINT .....	7,083,000	22
29	TOMATOES - MARKET .....	6,527,000	31
30	SPRING MIX .....	6,005,000	*
31	PASTURE .....	5,000,000	29
32	CABBAGE .....	4,758,000	33
33	HONEYDEW & MISC. MELONS .....	4,219,000	30
34	MISC. FIELD CROPS .....	3,098,000	17
35	GRAPEFRUIT .....	3,091,000	32
36	MISC. SEED & NURSERY .....	2,657,000	36
37	MISC. CITRUS .....	2,266,000	34
38	POLLINATION .....	1,842,000	40
39	BALED STRAW .....	1,531,000	35
40	COTTON SEED .....	1,300,000	39

\* = NEW FOR 1998

This report is published by the Agricultural Commissioner's Office  
with assistance of the Imperial Irrigation District



Imperial County **1999**  
**AGRICULTURAL CROP  
AND LIVESTOCK REPORT**



## # ECONOMIC IMPACTS OF IMPERIAL COUNTY'S AGRICULTURAL PRODUCTION 1999

## IMPACT ON

Commodities	Gross Value of Production \$1,000 1999	Private Sales Multiplier	Personal Income Multiplier	Value Added Multiplier	Jobs Per Mil. Dollars Multiplier	Private Sales \$1,000	Personal Income \$1,000	Value Added \$1,000	Number of Jobs No.
Other Livestock & Products**	47,731	1.4769	0.3256	0.493	14.2332	70,494	15,541	23,531	679
Cattle & Calves	166,910	1.6953	0.3245	0.5518	10.5349	282,963	54,162	92,101	1,758
Sheep, Lambs	7,949	1.6947	0.3102	0.5108	40.4651	13,471	2,466	4,060	322
Cotton	11,127	1.5191	0.3621	0.6792	12.6413	16,903	4,029	7,557	141
Food Grains	15,994	1.4909	0.2555	0.6283	16.1537	23,845	4,086	10,049	258
Hay & Pasture	161,779	1.4606	0.2849	0.6353	25.4124	236,294	46,091	102,778	4,111
Grass Seeds***	26,485	1.3779	0.2459	0.5855	33.1133	36,494	6,513	15,507	877
Fruits & Tree Nuts	34,743	1.5253	0.3555	0.5839	15.7569	52,993	12,351	20,286	547
Vegetables & Melons	458,114	1.5268	0.4102	0.7219	15.0422	699,448	187,918	330,712	6,891
Sugar Crops	59,231	1.4394	0.2582	0.6832	14.4131	88,307	15,293	40,467	854
Misc. Crops****	51,928	1.5301	0.2937	0.5194	21.1130	79,455	15,251	26,971	1,096
Nursery Products	3,101	1.4178	0.4327	0.8391	12.4303	4,397	1,342	2,602	39
<b>TOTAL</b>	<b>1,045,092</b>					<b>1,605,065</b>	<b>365,044</b>	<b>676,623</b>	<b>17,574</b>

\* Adjusted for inflation to 1998

\*\* Includes Dairy, Dairy Heifers, Swine, Goats, Rabbits, Aquatic Products and Apiary Products

\*\*\* Includes Alfalfa Seed and Bermudagrass Seed

\*\*\*\* Includes Misc. Field Crops, Onion Seed and Certified Seed

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May 5, 2000

TO: William J. Lyons, Jr., Secretary  
Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Imperial  
Wally Leimgruber, Chairperson  
Bill Cole                      Dean A. Shores  
Tony Tirado                  Tom Veysey

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1999. This report is a summary of acreage, yield, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1999 was \$1,045,092,000. This is a 3.5 percent decrease from the 1998 value. Increases in values were in livestock (6.9%) and fruit and nut crops (20.95%). The increases were a result of higher prices for livestock, and higher yields and prices for citrus. There was an increase in apiary products (3.04%), due an increase in prices for pollination. Decreases in value occurred in field crops (9.61%), vegetable and melon crops (5.72%), and seed and nursery crops (4.02%). The decreases were due to lower prices and yields. Whitefly continues to cause significant crop loss and economic damage.

As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$349 dollars of personal income are generated to agriculturally related jobs.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Birdsall", is written over a circular stamp that partially overlaps the signature.

Stephen L. Birdsall  
Agricultural Commissioner

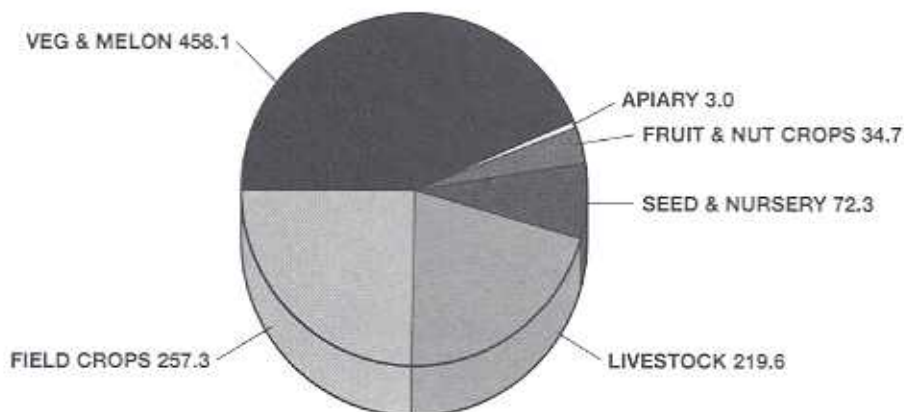
# LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN*	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)	1999	324,571	8.03	2,606,665	CWT	64.03	166,910,000
	1998	325,107	8.01	2,605,402	CWT	58.11	151,408,000
SHEEP (Feeders)	1999	245,000	0.46	112,700	CWT	67.20	7,573,000
	1998	225,000	0.49	110,250	CWT	65.60	7,232,000
WOOL	1999	254,800	4.34	1,105,832	LBS	0.34	376,000
	1998	234,000	3.44	804,960	LBS	0.63	507,000
AQUATIC PRODUCTS (Fish & Algae)	1999						7,752,000
	1998						10,585,000
MISC. LIVESTOCK (Dairy, Dairy Heifers, Swine, Cattle, Lambs, Goats, Rabbits & Poultry)	1999						36,998,000
	1998						35,637,000
<b>VALUE 1999</b>							<b>219,609,000</b>
<b>VALUE 1998</b>							<b>205,369,000</b>

\* GAIN MAY NOT TOTAL DUE TO ROUNDING

## 1999 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



## AGRICULTURAL PRODUCTION



# FIELD CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA HAY (Baled)	1999	172,771	8.04	1,389,078.84	TON	85.39	118,613,000
	1998	178,517	7.65	1,365,655.05	TON	93.64	127,880,000
BERMUDAGRASS HAY	1999	31,731	4.84	153,578.04	TON	75.17	11,544,000
	1998	31,774	4.56	144,889.44	TON	80.58	11,675,000
COTTON (Lint)	1999	10,028	2.88 A	28,849.58	BALE	333.17 B	9,612,000
	1998	7,800	2.41 A	18,810.40	BALE	376.37 B	7,080,000
COTTON (Seed)	1999	10,028	1.08	10,818.59	TON	140.00	1,515,000
	1998	7,800	0.90	7,025.55	TON	185.00	1,300,000
<b>PASTURE CROPS</b>							
Alfalfa .....	1999	103,663	#		ACRE	24.17	2,506,000
	1998	107,110	#		ACRE	23.74	2,543,000
Bermudagrass .....	1999	12,692	#		ACRE	22.73	288,000
	1998	12,710	#		ACRE	23.74	302,000
Sudangrass .....	1999	16,447	#		ACRE	22.73	374,000
	1998	16,642	#		ACRE	26.15	435,000
Misc. Pasture.....	1999	7,635			ACRE	150.12	1,146,000
	1998	9,459			ACRE	181.88	1,720,000
<b>TOTAL PASTURE</b>	1999	140,437					4,314,000
	1998	145,921					5,000,000
BALED STRAW	1999			51,000.60	TON	28.17	1,437,000
	1998			49,557.30	TON	30.90	1,531,000
SUDANGRASS HAY	1999	65,786	4.87	320,377.82	TON	80.75	25,871,000
	1998	70,068	4.94	346,135.92	TON	99.37	34,396,000
SUGAR BEETS	1999	33,386	40.70	1,358,810.20	TON	43.59	59,231,000
	1998	34,258	36.10	1,236,713.80	TON	42.00	51,942,000
WHEAT	1999	44,303	3.06	135,567.18	TON	117.98	15,994,000
	1998	83,882	3.30	276,810.60	TON	147.50	40,830,000
MISC. FIELD CROPS	1999	10,512					9,210,000
	1998	10,164					3,098,000
<b>TOTALS 1999 .....</b>	<b>ACRES</b>	368,517				<b>VALUE</b>	257,341,000
<b>TOTALS 1998 .....</b>	<b>ACRES</b>	416,463				<b>VALUE</b>	284,732,000

\* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD CROPS = Barley, Buffleggrass Hay, Field Corn, Kliengrass Hay, Ryegrass Hay, Dry Beans, Oat Hay, Sorghum Grain, Alfalfa Pellets, Sorghum, Alfalfa and Sudan Silage.

MISC. PASTURE = Ryegrass, Sugarbeets, Permanent Pasture and Sweet Corn

# = Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

# VEGETABLE AND MELON CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ASPARAGUS</b>							
Harvested .....	1999	5,006	141	705,749	30 LB CTN	28.31	19,980,000
New Plantings.....	1999	1,160					
Harvested .....	1998	4,548	162	736,325	30 LB CTN	36.67	27,001,000
<b>BROCCOLI (Market)</b>							
	1999	13,603	428	5,825,792	26 LB CTN	6.13	35,712,000
	1998	9,589	541	5,183,259	26 LB CTN	8.84	45,820,000
<b>CABBAGE (Market)</b>							
	1999	1,389	522	724,612	45 LB CTN	4.13	2,993,000
	1998	1,126	716	806,464	45 LB CTN	5.90	4,758,000
<b>CARROTS</b>							
Market.....	1999	6,798	834	5,669,532	50 LB BAG	9.21	52,216,000
	1998	6,692	796	5,323,504	50 LB BAG	7.86	41,843,000
Processing & Other.....	1999	10,197	33.62	342,823	TON	72.94	25,006,000
	1998	9,724	32.66	317,586	TON	70.44	22,371,000
<b>TOTAL CARROTS</b>							
	1999	16,995					77,222,000
	1998	16,416					64,214,000
<b>CAULIFLOWER (Market)</b>							
	1999	4,353	559	2,435,410	23 LB CTN	7.84	19,094,000
	1998	3,313	597	1,977,921	23 LB CTN	9.92	19,621,000
<b>SWEET CORN</b>							
Fall & Spring.....	1999	6,790	289	1,965,366	50 LB CTN	7.84	15,408,000
	1998	6,088	311	1,895,317	50 LB CTN	7.30	13,836,000
<b>HEAD LETTUCE</b>							
Naked Pack & Bulk.....	1999	11,087	645	7,148,881	50 LB CTN	6.04	43,179,000
	1998	10,141	552	5,599,487	50 LB CTN	6.22	34,829,000
Wrap Pack.....	1999	9,072	604	5,481,567	40 LB CTN	8.31	45,552,000
	1998	8,298	598	4,960,848	40 LB CTN	8.71	43,209,000
Salad Products .....	1999			29,457,610	LB	0.45	13,256,000
	1998			39,372,760	LB	0.43	16,930,000
<b>TOTAL HEAD LETTUCE</b>							
	1999	20,159					101,987,000
	1998	18,439					94,968,000
<b>LEAF LETTUCE</b>							
	1999	10,498	833	8,745,930	35 LB CTN	5.52	48,278,000
	1998	8,018	931	7,466,468	35 LB CTN	7.50	55,999,000
<b>SPRING MIX</b>							
	1999	1,531	5,000	7,655,000	LB	0.90	6,890,000
	1998	1,109	4,589	5,089,201	LB	1.18	6,005,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

SPRING MIX = Various Red, Green, and Baby Leaf Lettuce, Romaine, Mizuna, Kale, Arugula, Beet Tops, Spinach, Mustard, Endive, Tat-Soi, Frisee, Orach, Chard and Other Salad Greens.



# VEGETABLE AND MELON CROPS

(continued)

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>ONIONS</b>							
Market .....	1999	6,042	825	4,986,321	50 LB SACK	5.25	26,178,000
	1998	4,671	1,068	4,986,555	50 LB SACK	7.01	34,956,000
Processor .....	1999	5,524	20.68	114,236	TON	91.77	10,483,000
	1998	5,086	21.04	107,009	TON	86.77	9,285,000
<b>TOTAL ONIONS</b> .....	1999	11,566					36,661,000
	1998	9,757					44,241,000
<b>POTATOES</b>							
	1999	3,159	246	776,135	CWT	13.00	10,090,000
	1998	2,622	376	985,872	CWT	10.95	10,795,000
<b>TOMATOES</b>							
Market .....	1999	433	1,571	680,333	25 LB CTN	5.00	3,402,000
	1998	655	1,689	1,106,295	25 LB CTN	5.90	6,527,000
Processor .....	1999	1,591	41	65,390	TON	72.02	4,709,000
	1998	Misc.					
<b>TOTAL TOMATOES</b>	1999	2,024					8,111,000
	1998	655					6,527,000
<b>MISC. VEGETABLES</b>							
	1999	5,705					28,504,000
	1998	4,953					31,402,000
<b>CANTALOUPE</b>							
Spring .....	1999	12,792	384	4,917,041	40 LB CTN	5.95	29,256,000
	1998	12,216	542	6,619,872	40 LB CTN	6.23	41,242,000
Fall.....	1999	1,872	350	655,200	40 LB CTN	7.17	4,698,000
	1998	1,871	328	613,137	40 LB CTN	5.80	3,556,000
<b>TOTAL CANTALOUPE</b>	1999	14,664	380	5,572,241	40 LB CTN	6.20	33,954,000
	1998	14,087	513	7,233,009	40 LB CTN	6.20	44,798,000
<b>HONEYDEW &amp; MISC. MELONS</b>							
Spring and Fall .....	1999	2,306	432	996,297	40 LB CTN	6.11	6,087,000
	1998	1,263	662	835,484	40 LB CTN	5.05	4,219,000
<b>WATERMELONS</b>							
	1999	2,315	20.67	47,846	TON	149.30	7,143,000
	1998	1,635	26.84	43,883	TON	272.87	11,974,000
<b>TOTALS 1999</b> .....	<b>ACRES</b>	122,063				<b>VALUE</b>	458,114,000
<b>TOTALS 1998</b> .....	<b>ACRES</b>	103,618				<b>VALUE</b>	486,178,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Endive, Garlic, Kale, Mustard Greens, Okra, Parsley, Parsnips, Peppers, Radishes, Rappini, Spinach, Squash, Swiss Chard, Turnips and Water Lilies.

# FRUIT AND NUT CROPS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
<b>DATES</b>							
Harvested.....	1999	1,029	3.05	3,138.45	TON	4,500.00	14,123,000
Non-Bearing.....	1999	237					
Harvested.....	1998	1,003	3.00	3,009.00	TON	4,420.00	13,300,000
<b>GRAPEFRUIT</b>							
Harvested.....	1999	797	15.54	12,385.38	TON	354.68	4,393,000
Non-Bearing.....	1999	110					
Harvested.....	1998	799	12.18	9,731.82	TON	317.63	3,091,000
<b>LEMONS</b>							
Harvested.....	1999	2,472	5.70	14,090.40	TON	642.09	9,047,000
Non-Bearing.....	1999	735					
Harvested.....	1998	1,783	7.99	14,246.17	TON	546.30	7,783,000
<b>ORANGES (VALENCIA)</b>							
Harvested.....	1999	643	5.74	3,690.82	TON	439.99	1,624,000
Non-Bearing.....	1999	88					
Harvested.....	1998	609	3.47	2,113.23	TON	316.31	668,000
<b>TANGERINES</b>							
Harvested.....	1999	341	9.95	3,392.95	TON	612.00	2,076,000
Non-Bearing.....	1999	0					
Harvested.....	1998	402	4.24	1,704.48	TON	707.20	1,205,000
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
Harvested.....	1999	530	6.41	3,397.30	TON	871.70	2,961,000
Non-Bearing.....	1999	93					
Harvested.....	1998	491	6.67	3,274.97	TON	691.99	2,266,000
<b>CITRUS BY-PRODUCTS</b>							
	1999			9,789.94	TON	52.97	519,000
	1998			11,786.36	TON	34.85	411,000
<b>TOTALS 1999 .....</b>		<b>ACRES</b>	5,812			<b>VALUE</b>	34,743,000
<b>TOTALS 1998 .....</b>		<b>ACRES</b>	5,087			<b>VALUE</b>	28,724,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING  
 MISC. CITRUS = Tangelos, Sour Orange and Mandarins  
 FRUIT & NUT CROPS = Grapes and Mangos



## SEED CROPS AND NURSERY PRODUCTS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED	1999	24,362	411	10,012,782	LBS	1.26	12,616,000
	1998	19,781	476	9,415,756	LBS	1.57	14,783,000
BERMUDAGRASS SEED	1999	23,448	477	11,184,696	LBS	1.24	13,869,000
	1998	21,865	688	15,043,120	LBS	1.40	21,060,000
ONION SEED	1999	3,812	322	1,227,464	LBS	6.38	7,831,000
	1998	2,256	487	1,098,672	LBS	6.95	7,636,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS	1999	1,158					3,101,000
	1998	1,198					2,657,000
CERTIFIED SEED	1999	23,114					34,887,000
	1998	15,459					29,200,000
TOTALS 1999 .....	ACRES	75,894				VALUE	72,304,000
TOTALS 1998 .....	ACRES	60,559				VALUE	75,336,000

\* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE AND

FLOWER SEED CROPS = Artichoke, Broccoli, Carrots, Cauliflower, Flowers, Herbs, Lettuce, Okra, Radish, Rape, Grains and Cut Flowers.

CERTIFIED SEED = Alfalfa, Beans, Barley, Bermudagrass, Rape, Sudangrass, Wheat, Flax and Oats.

## APIARY PRODUCTS

CROP	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	1999	40,827	48.75	1,990,421.03	LBS	0.45	901,000
	1998	38,943	47.41	1,846,421.87	LBS	0.53	986,000
WAX	1999	44,577	1.21	53,872.17	LBS	1.28	69,000
	1998	42,693	1.23	52,380.25	LBS	1.25	65,000
POLLINATION	1999	80,370			COL	25.02	2,011,000
	1998	79,451			COL	23.19	1,842,000
						VALUE 1999	2,981,000
						VALUE 1998	2,893,000

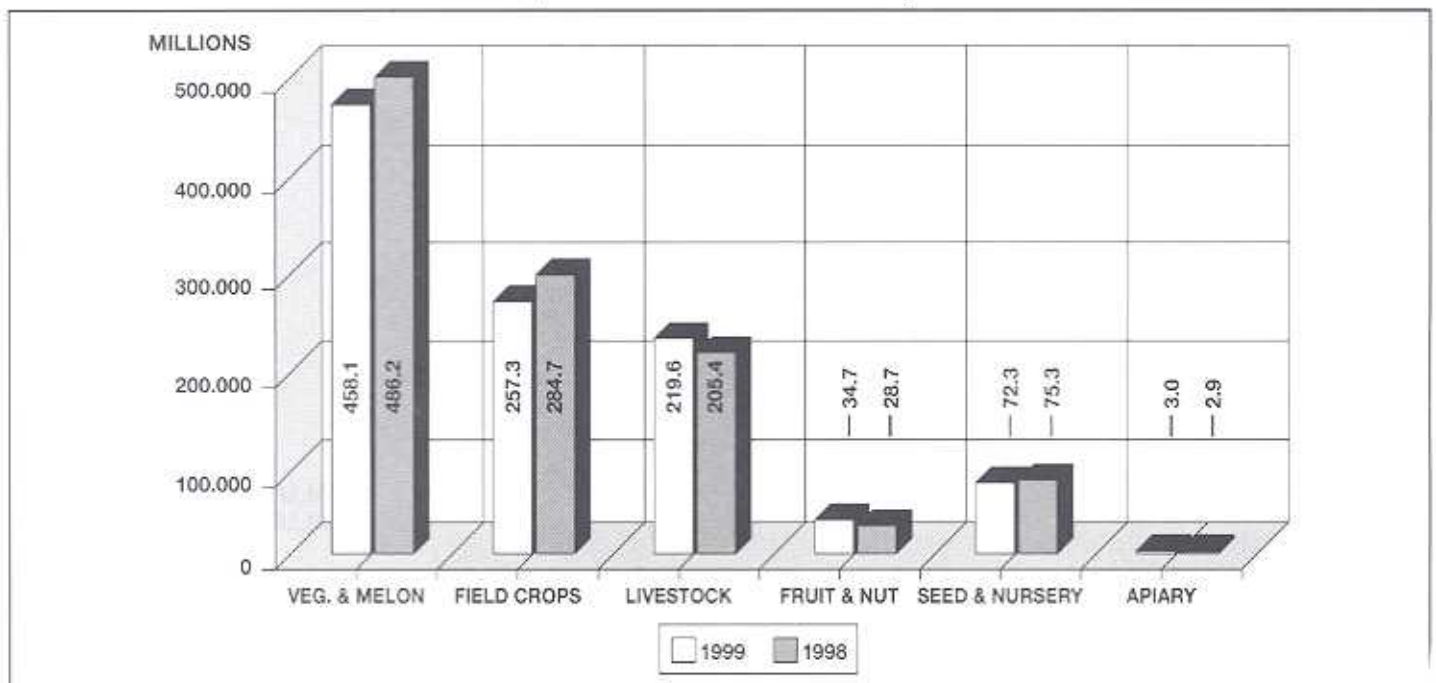
\* UNITS MAY NOT TOTAL DUE TO ROUNDING

# 1999 SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS	1999	122,063	458,114,000
	1998	103,618	486,178,000
FIELD CROPS	1999	368,517	257,341,000
	1998	416,463	284,732,000
LIVESTOCK	1999		219,609,000
	1998		205,369,000
FRUIT & NUT CROPS	1999	5,812	34,743,000
	1998	5,087	28,724,000
SEED & NURSERY CROPS	1999	75,894	72,304,000
	1998	60,559	75,336,000
APIARY PRODUCTS	1999		2,981,000
	1998		2,893,000
<b>TOTALS</b> .....	1999	572,286	1,045,092,000
<b>TOTALS</b> .....	1998	585,727	1,083,232,000

## GROSS VALUE 1999-1998 COMPARISON

(Value = Millions of Dollars)





# TOP FORTY CROPS

1999 RANKING			1998 RANKING
1	CATTLE .....	\$166,910,000	1
2	ALFALFA .....	118,613,000	2
3	LETTUCE .....	101,987,000	3
4	CARROTS .....	77,222,000	4
5	SUGAR BEETS .....	59,231,000	6
6	LEAF LETTUCE .....	48,278,000	5
7	MISC. LIVESTOCK .....	36,998,000	11
8	ONIONS .....	36,661,000	9
9	BROCCOLI .....	35,712,000	7
10	CERTIFIED SEED .....	34,887,000	14
11	CANTALOUPE .....	33,954,000	8
12	MISC. VEGETABLES .....	28,504,000	13
13	SUDANGRASS HAY .....	25,871,000	12
14	ASPARAGUS .....	19,980,000	15
15	CAULIFLOWER .....	19,094,000	17
16	WHEAT .....	15,994,000	10
17	SWEET CORN .....	15,408,000	19
18	DATES .....	14,123,000	20
19	BERMUDAGRASS SEED .....	13,869,000	16
20	ALFALFA SEED .....	12,616,000	18
21	BERMUDAGRASS HAY .....	11,544,000	22
22	POTATOES .....	10,090,000	23
23	COTTON LINT .....	9,612,000	28
24	MISC. FIELD CROPS .....	9,210,000	34
25	LEMONS .....	9,047,000	25
26	TOMATOES .....	8,111,000	29
27	ONION SEED .....	7,831,000	26
28	AQUATIC PRODUCTS .....	7,752,000	24
29	SHEEP .....	7,573,000	27
30	WATERMELONS .....	7,143,000	21
31	SPRING MIX .....	6,890,000	30
32	HONEYDEW & MISC. MELONS .....	6,087,000	33
33	GRAPEFRUIT .....	4,393,000	35
34	PASTURE .....	4,314,000	31
35	MISC. SEED & NURSERY .....	3,101,000	36
36	CABBAGE .....	2,993,000	32
37	MISC. CITRUS .....	2,961,000	37
38	TANGERINES .....	2,076,000	*
39	POLLINATION .....	2,011,000	38
40	ORANGES .....	1,624,000	*

\* = NEW FOR 1999

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