AgEcon SEARCH
RESEARCH IN AGRICULTURAL & APPLIED ECONOMICS

The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

Help ensure our sustainability.

Give to AgEcon Search

AgEcon Search
http://ageconsearch.umn.edu
aesearch@umn.edu

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Imperial County

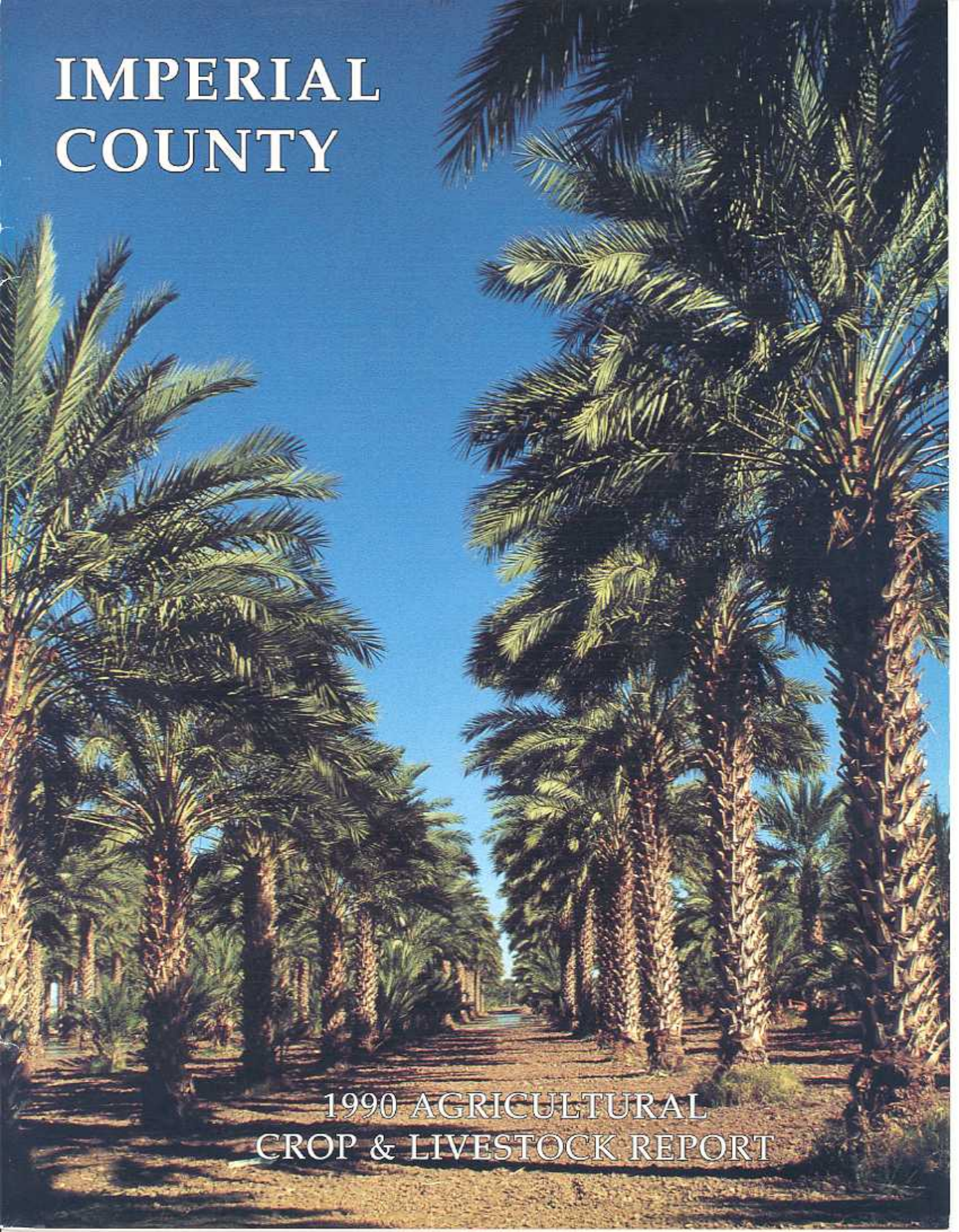
1990-1999

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.

This digitization project was funded by the Giannini Foundation of Agricultural Economics, http://giannini.ucop.edu/ .

The work was completed by the staff of the Giannini Foundation Library, University of California, Berkeley, http://are.berkeley.edu/library/ . **Please contact the Library to consult the originals.**

IMPERIAL COUNTY



1990 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

Miguel A. Monroy

DEPUTY AGRICULTURAL COMMISSIONER

Dick S. Dillon, Standardization, Quarantine, 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

Gaspar F. Torres

PLANT PATHOLOGIST/ENTOMOLOGIST

Richard C. Weddle, Ph.D.

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-Arroyo Michael Seitz

AGRICULTURAL BIOLOGIST II

Frank Duarte Bhupinder Dhillon
Jim Johnson Allan Starr

AGRICULTURAL BIOLOGIST I

Suzanne Boratynski Licia Mecate Luis Pineda
Jolene Carson Ramon Ortega

AIR QUALITY CONTROL ENGINEER

Harry Dillon

AIR QUALITY CONTROL TECHNICIAN

Jeannette Bryant

AIR QUALITY CONTROL INSPECTOR

Don McElvany

AGRICULTURAL ASSISTANT

Vincent Orfiano

OFFICE SUPERVISOR

Marlene Brown

OFFICE TECHNICIAN

Silvia Murray

ACCOUNT CLERK III

Monica Bugarin-Soucier

OFFICE ASSISTANT III

Paula Goff

OFFICE ASSISTANT II

Matilda Barros Tanya Beasley Linsey Dale Lisa Prouty

SEASONAL AGRICULTURAL BIOLOGISTS

Elisa Arroyo
Jose Barajas
Robert Beeman
Harold Blythe
Jonnie Jean Bolin
Darrell Byrd
Treda Cadrez
James Carey
Phillip Castro
Sandi Diaz
Linda Finch
Tony Green
Howard Jencks
Carol Land
Bobby Lee
Danny Levy
Marvin McDonald
Rosalio Mendoza
Anthony Pavao
Thomas Plumb
Ericela Ruiz
Jack Thornburg
Quintino Torres
Ramona Vargas
Jose Zuniga

Cover: Bard/Winterhaven date palms 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 COMMISSIONER

SEALER OF WEIGHTS 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
CATTLE (Feedlot)							
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
TOTAL CATTLE	1990	511,950	6.03	3,086,963.44	CWT	77.15	238,165,000
CATTLE	C1989	529,587	5.70	3,018,645.90	CWT	73.61	222,203,000
SHEEP (Feeders)	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
WOOL	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
AQUATIC PRODUCTS	1990						8,629,000
(Fish & Algae)	1989						5,917,000
MISC. LIVESTOCK	1990						8,972,000
(Dairy, Dairy Heifers & Swine)	1989						2,145,000
						VALUE 1990	264,262,000
						***VALUE** 1989	240,298,000

* - 1989 Revised

A - Backgrounded = Cattle fed but not ready for market

B - Based on average gain and price

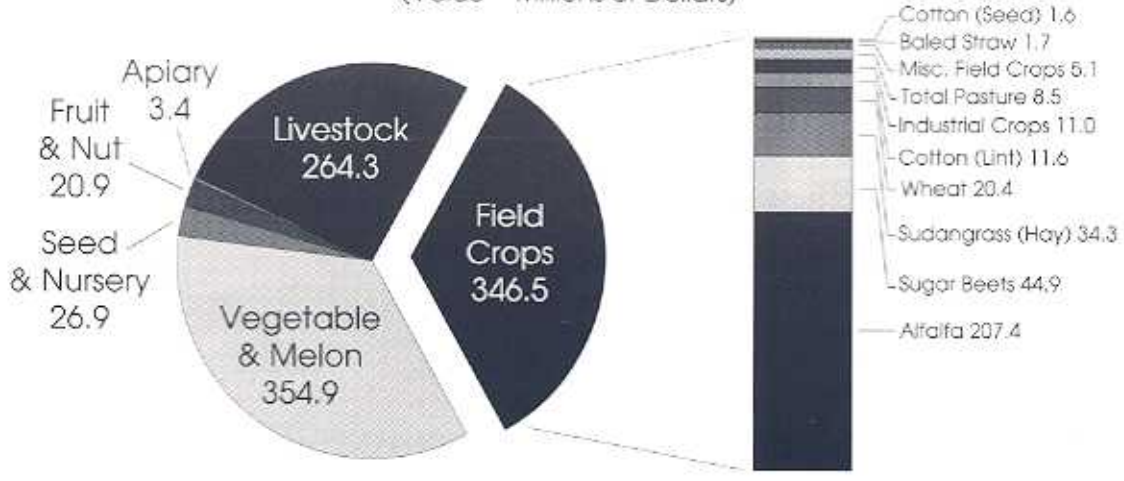
C - Not all are finished cattle

D - Includes estimated government payments

1990 AGRICULTURAL PRODUCTION

GROSS VALUE

(Value = Millions of Dollars)



AGRICULTURAL PRODUCTION FIELD CROPS

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
TOTAL ALFALFA	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
PASTURE CROPS							
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
TOTAL PASTURE	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
TOTALS 1990	**ACRES**	371,598				**VALUE**	346,497,000
TOTALS 1989	**ACRES**	373,250				**VALUE**	272,114,000

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 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
ASPARAGUS							
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
BROCCOLI (Market)	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
CABBAGE (Market)	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
CARROTS							
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
TOTAL CARROTS	1990	12,682					55,164,000
	*1989	12,661	707	8,954,602	50 LB BAG	6.41	57,399,000
CAULIFLOWER (Market)	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
HEAD LETTUCE							
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
TOTAL HEAD LETTUCE	1990	39,038					61,769,000
	1989	36,850					126,225,000
LEAF LETTUCE	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
ONIONS							
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
TOTAL ONIONS	1990	10,125					31,258,000
	1989	7,819					14,309,000

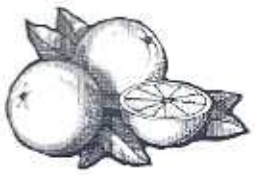
** - Container price based on average price per pound.

VEGETABLE AND MELON CROPS (Continued)

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
TOMATOES							
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
TOTAL TOMATOES	1990	11,596					24,870,000
	1989	11,848					23,076,000
MISC. VEGETABLES	1990			46,197	TON	434.08	20,053,000
	*1989			27,964	TON	371.05	10,376,000
CANTALOUPES							
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
TOTAL CANTALOUPES	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
HONEYDEW MELONS							
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
TOTAL HONEYDEWS	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
MISC. MELONS							
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
TOTAL MISC. MELONS	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
WATERMELONS	1990	3,233	6	18,014	TON	153.99	2,774,000
	1989	4,261	6	27,398	TON	147.77	4,049,000
TOTALS 1990	**ACRES** 144,417					**VALUE**	354,868,000
* **TOTALS** 1989	**ACRES** 136,887					**VALUE**	399,013,000

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
DATES							
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
GRAPEFRUIT							
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
LEMONS							
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
ORANGES (NAVELS & VALENCIA)							
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
TANGERINES							
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
MISC. CITRUS, FRUIT & NUT CROPS							
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
CITRUS BY-PRODUCTS	1990			10,533.76	TON	67.87	715,000
	1989			11,750.71	TON	69.19	813,000
** **TOTALS** 1990	**ACRES**	3,527				**VALUE**	20,915,000
* **TOTALS** 1989	**ACRES**	4,483				**VALUE**	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
TOTALS 1990...ACRES		41,248				VALUE	26,868,000
TOTALS 1989...ACRES		49,293				VALUE	36,968,000

* - 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

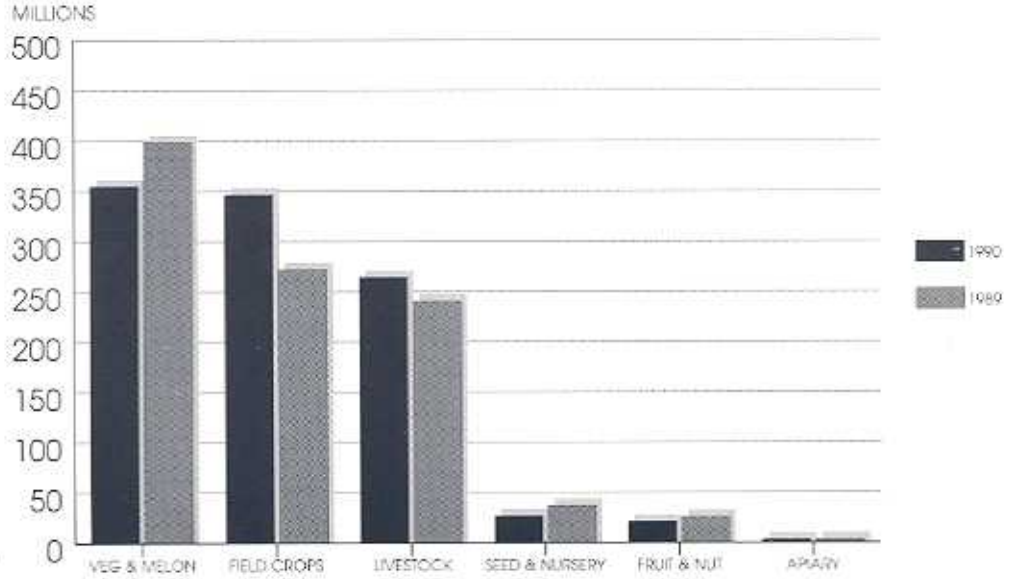
	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	1990	67,437	30.00	2,023,136.00	LBS	.46	931,000
	1989	63,223	40.00	2,528,920.00	LBS	.54	1,366,000
WAX	1990	67,437	.50	33,718.50	LBS	1.25	42,000
	1989	63,223	.67	42,359.41	LBS	1.15	49,000
POLLINATION	1990	134,874			COL	18.00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

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
TOTAL	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
1		CATTLE ..... $ 238,165,000	1
2		ALFALFA 207,426,000	2
3		CANTALOUPES 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

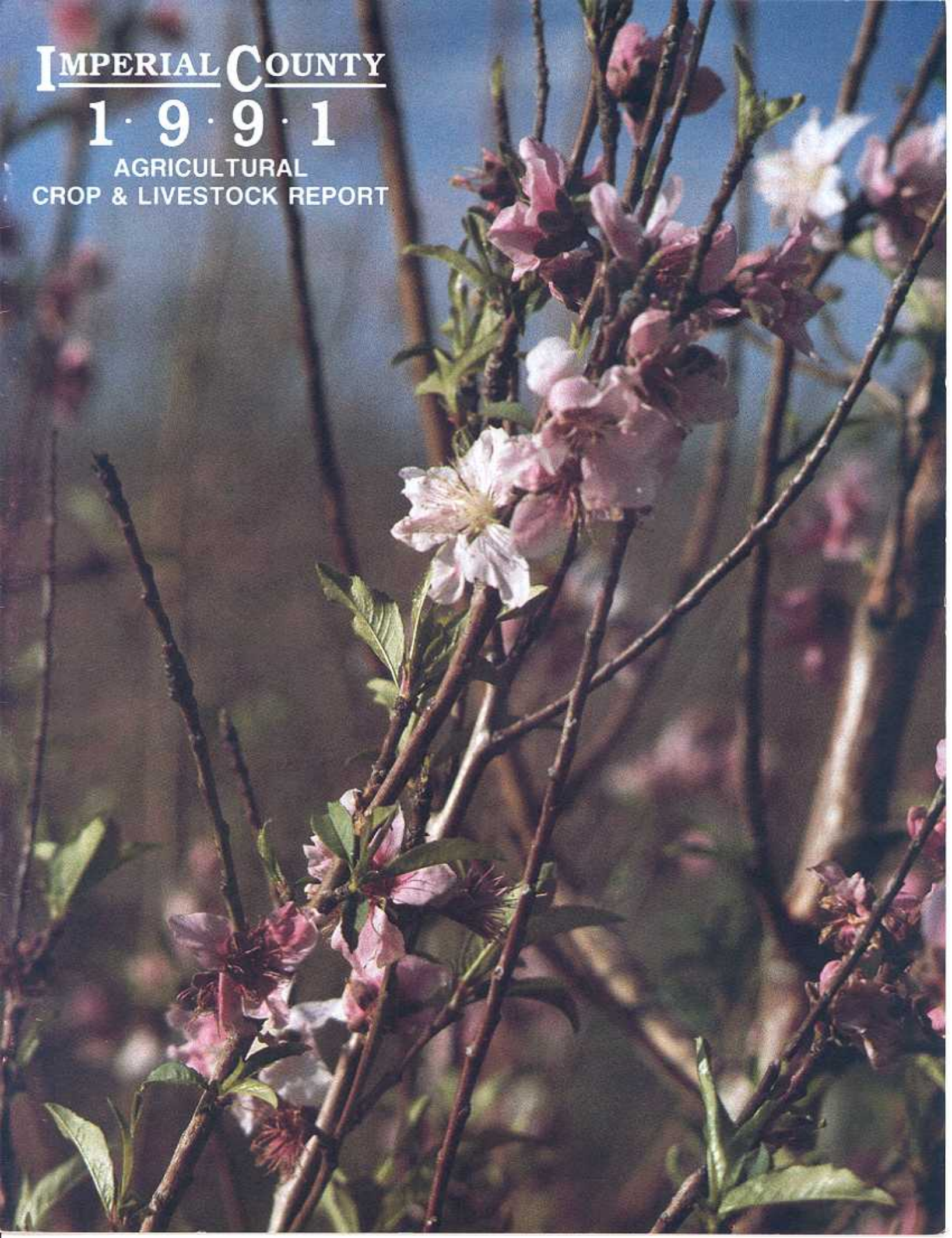
* - 1989 REVISED

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

IMPERIAL COUNTY

1·9·9·1

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
Miguel A. Monroy

DEPUTY AGRICULTURAL COMMISSIONER
Dick S. Dillon, Standardization, Quarantine, 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
Gaspar F. Torres

PLANT PATHOLOGIST/ENTOMOLOGIST
Richard C. Weddle, PhD

WHITEFLY PROGRAM COORDINATOR
David Ritter

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 Carlos Ortiz-Arroyo Robert Powell
Michael Seitz

AGRICULTURAL BIOLOGIST II
Bhupinder Dhillon Frank Duarte Jim Johnson
Licia Mecate Allan Starr

AGRICULTURAL BIOLOGIST I
Jolene Carson Ramon Ortega Luis Pineda

AIR QUALITY CONTROL ENGINEER
Harry Dillon Robert Fischer

AIR QUALITY CONTROL TECHNICIAN
Jeannette Bryant

AIR QUALITY CONTROL INSPECTOR
Don McElvany

AGRICULTURAL ASSISTANT
Vincent Orfiano

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 Tanya Beasley Linsey Dale Lisa Prouty

SEASONAL AGRICULTURAL BIOLOGISTS

Elisa Arroyo	Linda Finch	Anthony Pavao
Jose Barajas	Paul Fornasero	Thomas Plumb
Robert Beeman	Tony Green	Ericela Ruiz
Harold Blythe	Howard Jencks	Tom Spradling
Jonnie Jean Bolin	Gerald Keating	Jack Thornburg
Suzanne Boratynski	Carol Land	Quintino Torres
Darrell Byrd	Bobby Lee	John Troutwine
James Carey	Danny Levy	Ramona Vargas
Phillip Castro	Marvin McDonald	David Vela
Sandi Diaz	Rosalio Mendoza	Jose Zuniga

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 COMMISSIONER
SEALER OF WEIGHTS 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.

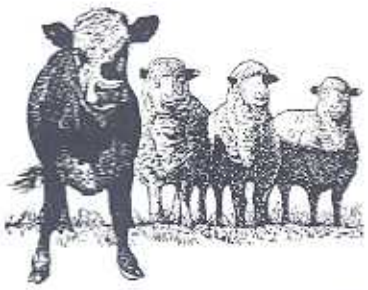
The 1991 total agricultural production value was $952,729,000. This is a six percent decrease from the 1990 value. The reduction in values were posted principally in the field crop and livestock sectors. The vegetable and melon crop values, however, marked an increase of 15%.

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



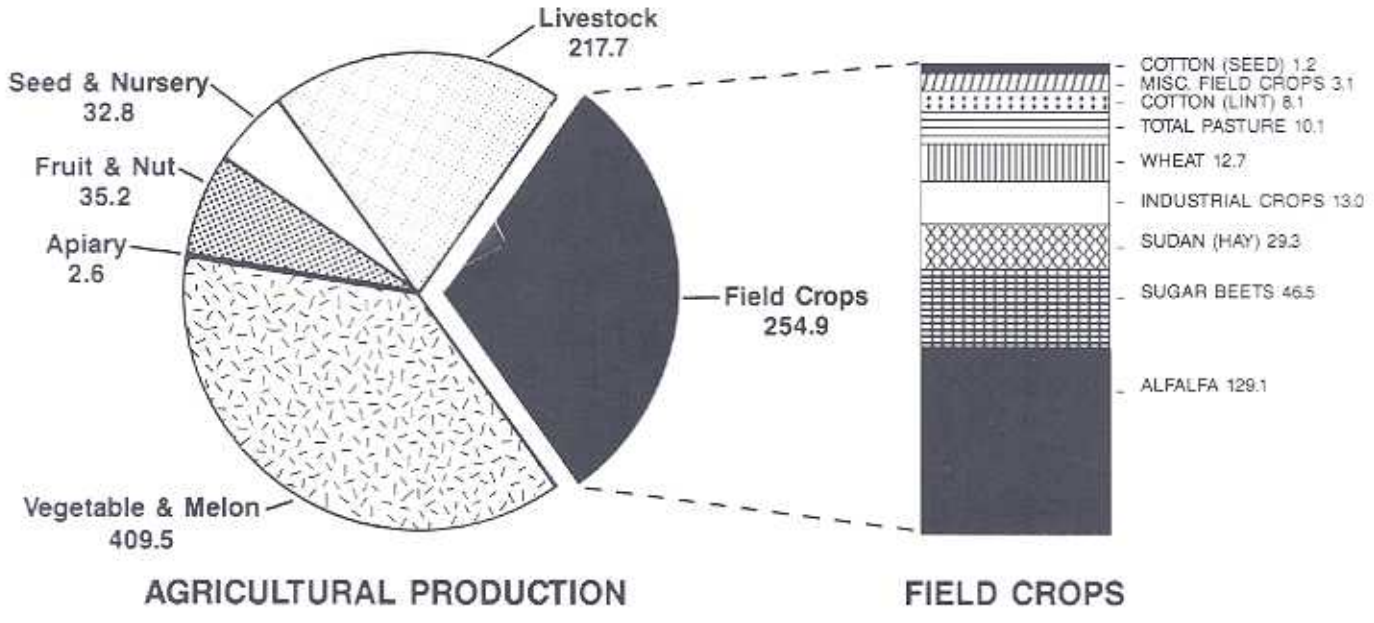
LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)							
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
TOTAL CATTLE	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
SHEEP (Feeders)	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
WOOL	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
AQUATIC PRODUCTS (Fish & Algae)	1991						8,683,000
	1990						8,629,000
MISC. LIVESTOCK (Dairy, Dairy Heifers & Swine)	1991						7,072,000
	1990						8,972,000
						VALUE 1991	217,696,000
						VALUE 1990	264,262,000

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

1991 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	1991	14,493	8.50	123,190.50	TON	88.46	10,897,000
(Cubed & Greenchop)	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	1991			61,813.50	TON	29.81	1,843,000
(Wheat, Bermuda, Alfalfa)	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

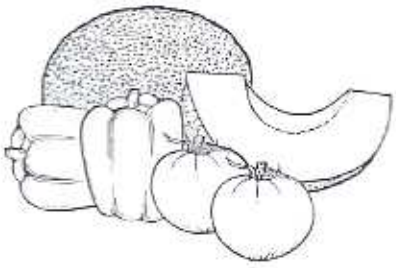
INDUSTRIAL CROPS = Agricultural waste for fuel and oil seeds
MISC. FIELD CROPS = Barley, Bermudagrass Hay, Corn, Hemp, Knaf, Oats, Rape, Ryegrass Hay, Sesbania, Sugar Cane and Sorghum Silage
MISC. PASTURE = Bermudagrass, Oats and Sudangrass

\# = 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	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ASPARAGUS							
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
BROCCOLI (Market)	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
CABBAGE (Market)	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
CARROTS							
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
TOTAL CARROTS	1991	9,959					52,736,000
	1990	12,682					55,164,000
CAULIFLOWER (Market)	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
HEAD LETTUCE							
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
TOTAL HEAD LETTUCE	1991	36,138					109,019,000
	1990	39,038					61,769,000
LEAF LETTUCE	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
ONIONS							
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
TOTAL ONIONS	1991	11,506					45,964,000
	1990	10,125					31,258,000

* – Container price based on average price per pound

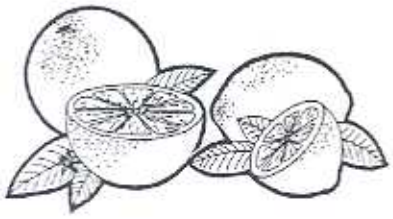


VEGETABLE AND MELON CROPS
(continued)

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
TOMATOES							
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
MISC. VEGETABLES . . .	1991	7,579					20,479,000
	** 1990	5,008					20,053,000
CANTALOUPES							
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
TOTAL CANTALOUPES	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
HONEYDEW MELONS							
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
TOTAL HONEYDEWS	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
MISC. MELONS							
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
TOTAL MISC. MELONS	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
WATERMELONS	1991	2,365	11	26,523	TON	214.40	5,687,000
	1990	3,233	6	18,014	TON	153.99	2,774,000
TOTALS 1991 . . . . . ACRES		136,119				**VALUE**	409,470,000
****TOTALS 1990 . . . . . ACRES**		149,425				**VALUE**	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

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
DATES							
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
GRAPEFRUIT							
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
LEMONS							
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
ORANGES (NAVELS & VALENCIA)							
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
TANGERINES							
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
MISC. CITRUS, FRUIT & NUT CROPS							
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
CITRUS BY-PRODUCTS	1991			14,184.78	TON	58.76	833,000
	1990			10,533.76	TON	67.87	715,000
TOTALS 1991	**ACRES**	4,433				**VALUE**	35,239,000
TOTALS 1990	**ACRES**	3,527				**VALUE**	20,915,000

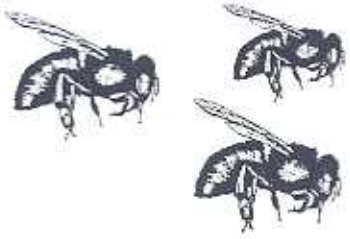
MISC. CITRUS = Limes, Temples and Tangelos
FRUIT & NUT CROPS = Pecans, Grapes, Peaches, Mangos, Nectarines and Peanuts

SEED CROPS & NURSERY PRODUCTS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
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

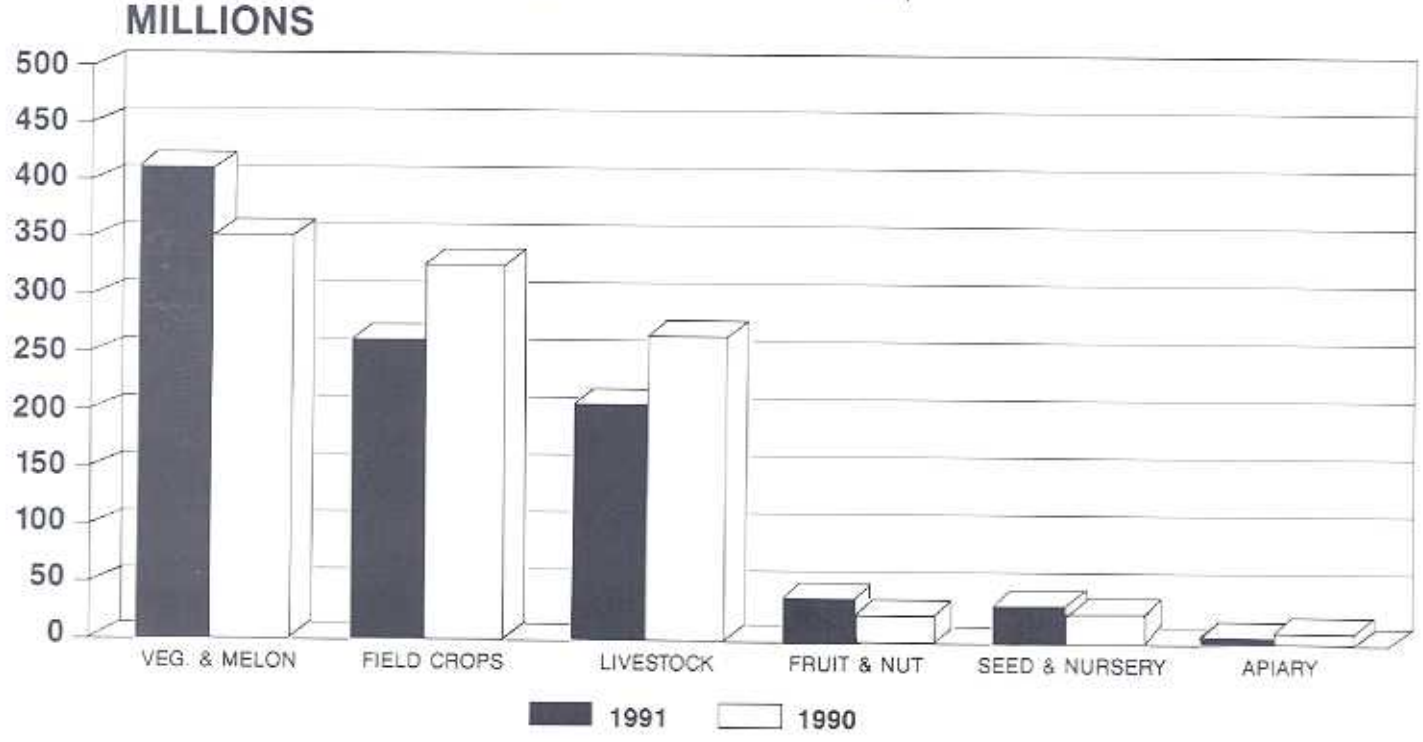
CROP	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	1991	45,065	67.58	2,655,627.08	LBS	.52	1,378,000
	1990	67,437	30.00	2,023,136.00	LBS	.46	931,000
WAX	1991	44,525	1.31	59,711.96	LBS	1.17	70,000
	1990	67,437	.50	33,718.50	LBS	1.25	42,000
POLLINATION	1991	62,079			COL	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
TOTAL	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	CANTALOUPES	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 COMMISSIONER
SEALER OF WEIGHTS 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

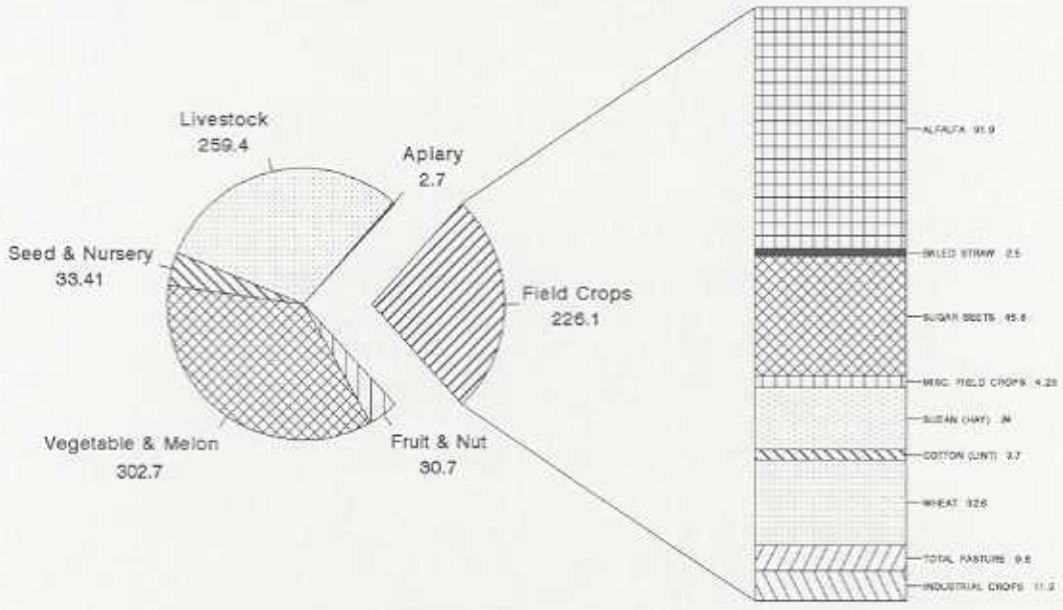
LIVESTOCK

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
TOTAL CATTLE	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
						VALUE 1992	259,425,000
						VALUE 1991	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)



AGRICULTURAL PRODUCTION FIELD CROPS

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
Miisc. 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 (Wheat, Bermuda, Alfalfa)	1992			80,436.75	TON	30.63	2,464,000
	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
ASPARAGUS							
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
BROCCOLI (Market)	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
CABBAGE (Market)	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
CARROTS							
(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
TOTAL CARROTS	1992	15,233					71,678,000
	1991	9,959					52,736,000
CAULIFLOWER (Market)	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
SWEET CORN	1992	3,974	399	1,586,626	50 LB CTN	5.26	8,333,000
FALL & SPRING	1991	3,149	328	1,032,872	50 LB CTN	7.60	7,854,000
HEAD LETTUCE	1992	15,680	417	6,541,318	50 LB CTN	3.91	25,577,000
Naked Pack	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
TOTAL HEAD LETTUCE	1992	26,134					62,619,000
	1991	36,138					109,019,000
LEAF LETTUCE	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
ONIONS	1992	4,112	756	3,109,594	50 LB SACK	5.01	15,579,000
Market	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
TOTAL ONIONS	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
TOMATOES							
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
MISC. VEGETABLES	1992	5,577			TON		17,490,000
	1991	4,430			TON		12,625,000
CANTALOUPES							
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
TOTAL CANTALOUPES	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
HONEYDEW MELONS							
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
TOTAL HONEYDEWS	1992	297	466	138,411	30 LB CTN		836,000
	1991	2,204	96	213,466	30 LB CTN	10.51	2,243,000
MISC. MELONS							
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
TOTAL MISC. MELONS	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
WATERMELONS	1992	2,525	22	54,742	TON	135.00	7,390,000
	1991	2,365	11	26,523	TON	214.42	5,687,000
TOTALS 1992	**ACRES**	108,863				**VALUE**	302,692,000
TOTALS 1991	**ACRES**	136,119				**VALUE**	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
DATES							
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
GRAPEFRUIT							
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
LEMONS							
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
ORANGES (NAVELS & VALENCIA)							
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
TANGERINES							
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
MISC. CITRUS, FRUIT & NUT CROPS							
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
CITRUS BY-PRODUCTS	1992			18,328.00	TON	32.25	591,000
	1991			14,184.78	TON	58.76	833,000
TOTALS 1992	**ACRES**	4,306				**VALUE**	30,745,000
TOTALS 1991	**ACRES**	4,433				**VALUE**	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
TOTALS 1992	ACRES	36,384				VALUE	33,392,000
TOTALS 1991	ACRES	40,391				VALUE	32,833,000

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

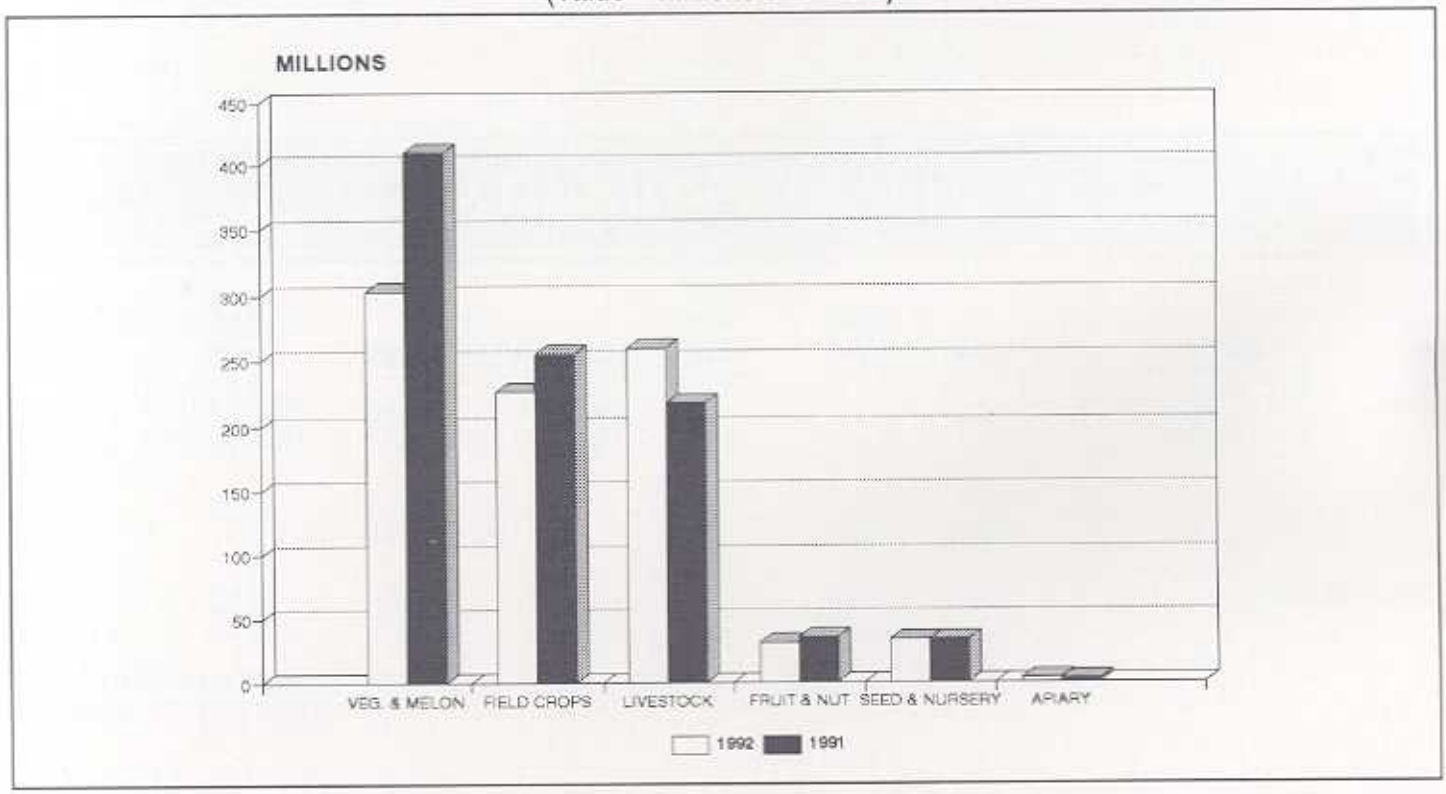
APIARY PRODUCTS

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
						VALUE 1992	2,673,000
						VALUE 1991	2,596,000

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
			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
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	CANTALOUPES	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 ..... #

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
Treda Cadrez
James Carey
Phillip Castro
Gail Culver
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

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

AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS 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,

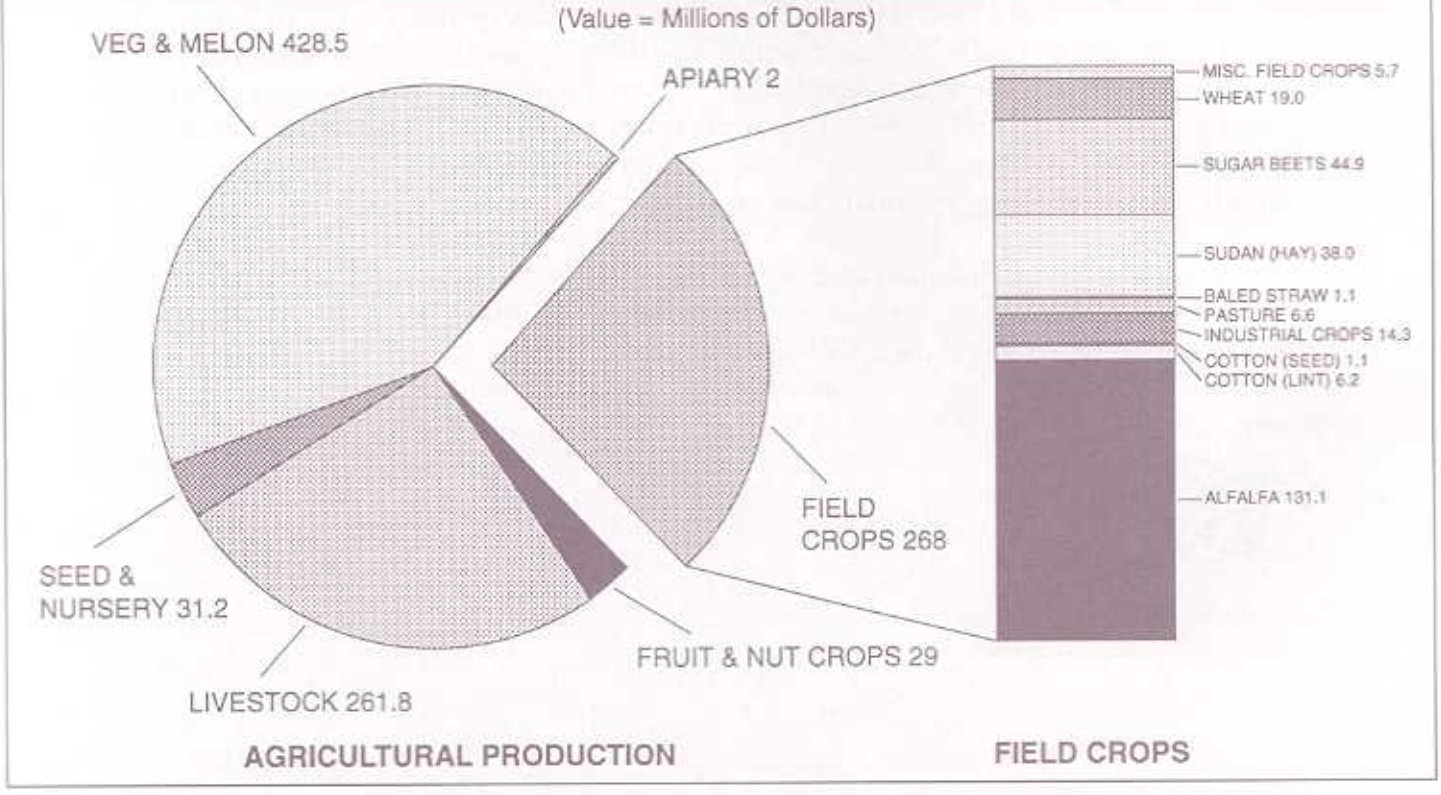
Stephen L. Birdsall
Agricultural Commissioner

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	224,109,000
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
TOTAL CATTLE	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
						VALUE 1993	261,809,000
						VALUE 1992	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
TOTAL ALFALFA	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
TOTAL PASTURE	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
TOTALS 1993	**ACRES**	404,223				**VALUE**	268,011,000
TOTALS 1992	**ACRES**	415,608				**VALUE**	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
ASPARAGUS							
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
BROCCOLI (Market)	1993	5,369	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
CABBAGE (Market)	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
CARROTS							
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
TOTAL CARROTS	1993	14,811					95,903,000
	1992	15,233					71,678,000
CAULIFLOWER (Market)	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
HEAD LETTUCE	1993	13,954	494	6,891,702	50 LB CTN	7.24	49,896,000
Naked Pack	1992	15,680	417	6,541,318	50 LB CTN	3.91	25,577,000
Wrap Pack	1993	7,514	510	3,826,724	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
TOTAL HEAD LETTUCE	1993	21,468					94,432,000
	1992	26,134					62,619,000
LEAF LETTUCE	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
ONIONS	1993	3,576	753	2,691,651	50 LB SACK	8.29	22,314,000
Market	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
TOTAL ONIONS	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	1993	3,218	303	974,024	50 LB CTN	6.60	6,429,000
FALL & SPRING	1992	3,974	399	1,585,626	50 LB CTN	5.26	8,333,000
TOMATOES							
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
MISC. VEGETABLES	1993	4,356					16,798,000
	1992	5,577					17,490,000
CANTALOUPES							
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 CANTALOUPES	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
HONEYDEW & MISC. MELONS							
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
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
DATES							
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
GRAPEFRUIT							
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
LEMONS							
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
ORANGES (NAVELS & VALENCIA)							
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
TANGERINES							
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
MISC. CITRUS, FRUIT & NUT CROPS							
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
CITRUS BY-PRODUCTS	1993			17,304.55	TON	51.03	883,000
	1992			18,328.00	TON	32.25	591,000
TOTALS 1993	**ACRES**	4,507				**VALUE**	28,954,000
TOTALS 1992	**ACRES**	4,306				**VALUE**	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
TOTALS 1993	ACRES	37,156				VALUE	31,183,000
TOTALS 1992	ACRES	36,384				VALUE	33,392,000

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
						VALUE 1993	2,007,000
						VALUE 1992	2,673,000

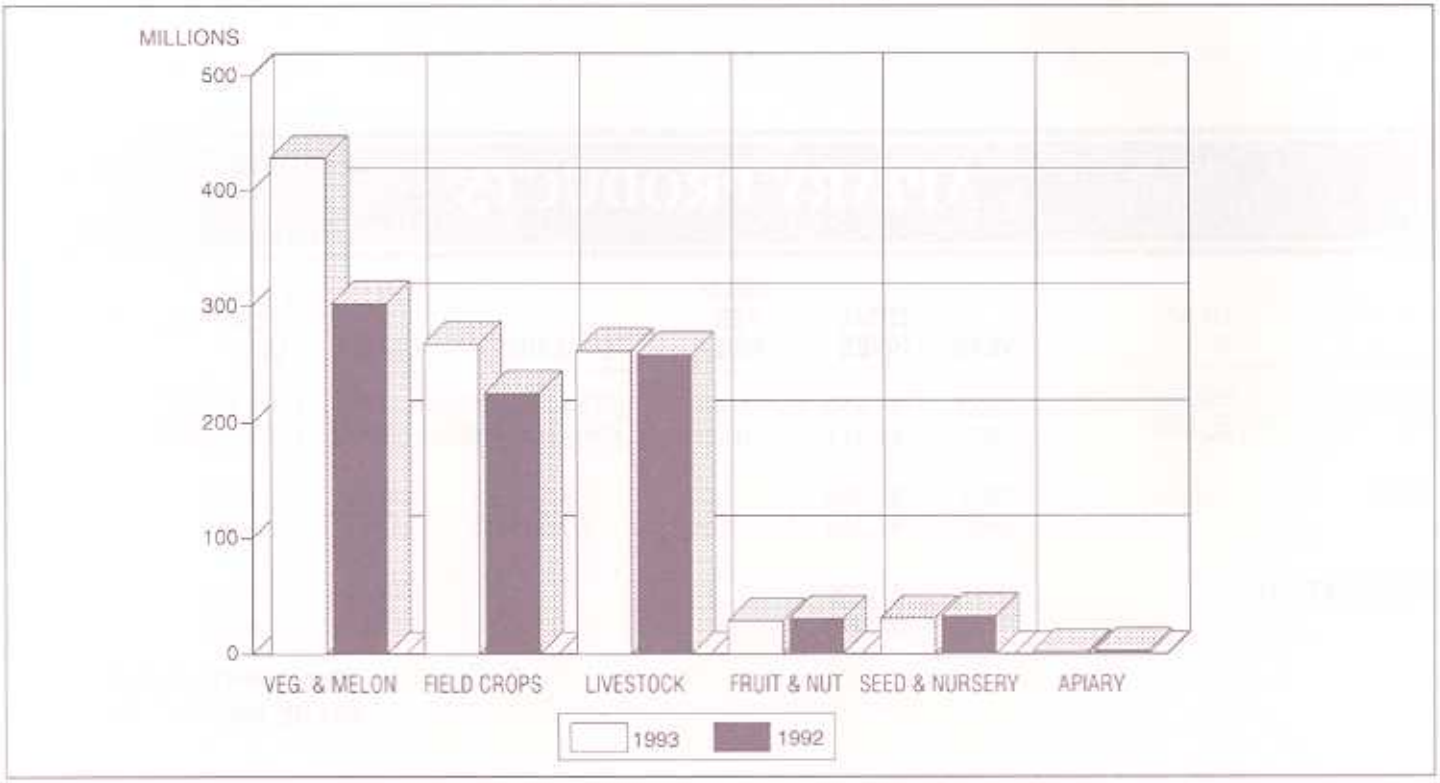
1993 SUMMARY

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
TOTALS	1993	541,887	1,020,513,000
	1992	565,161	855,070,000

GROSS VALUE

1993-1992 COMPARISON

(Value = Millions of Dollars)

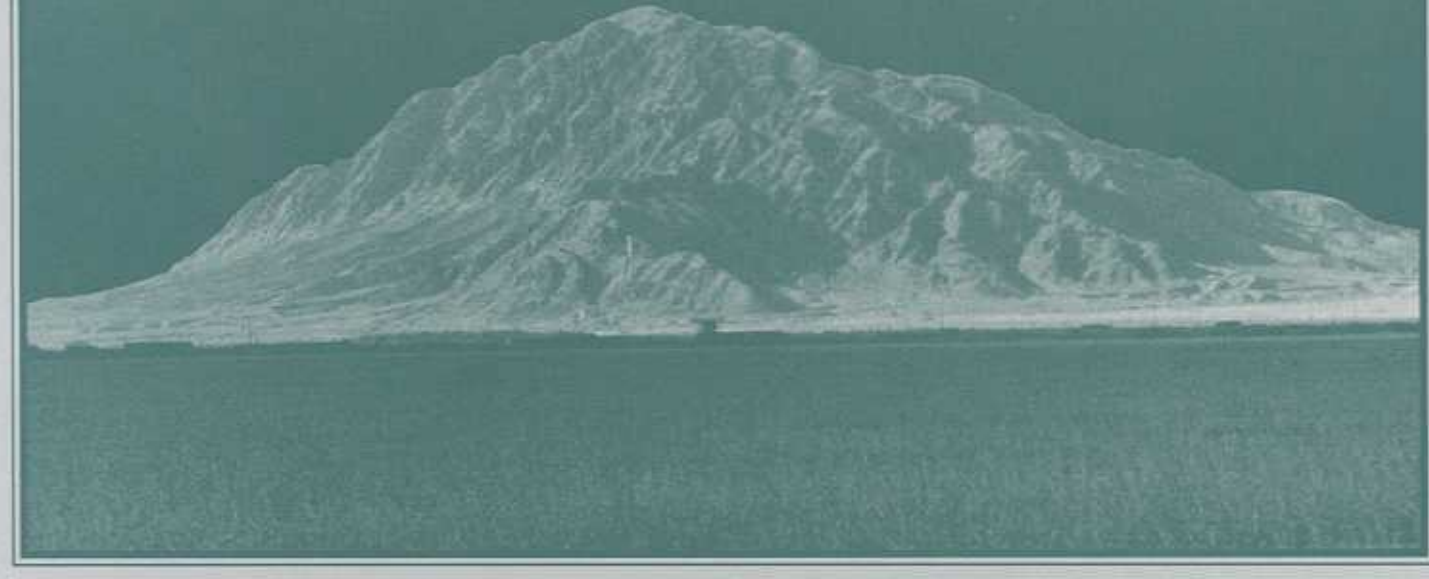


MILLION DOLLAR PRODUCTS

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	CANTALOUPES	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 COMMISSIONER
SEALER OF WEIGHTS 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,

Stephen L. Birdsall
Agricultural Commissioner

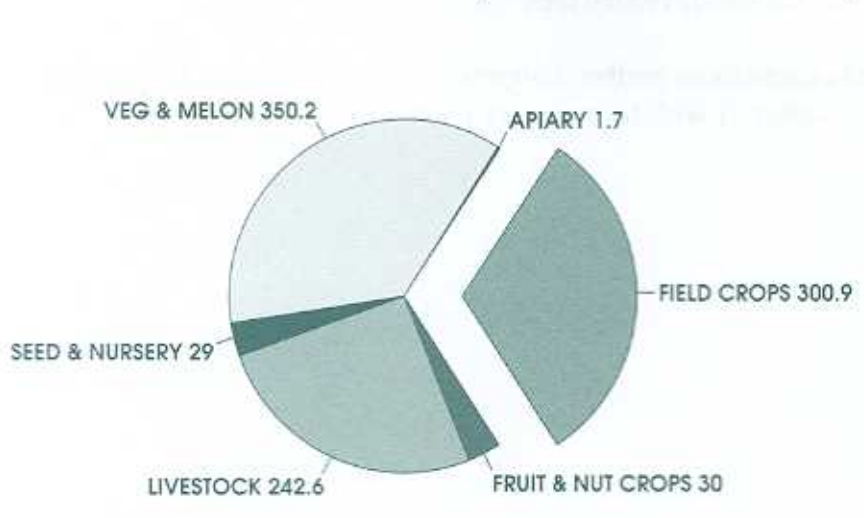
LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN*	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)	1994	287,083	B 8.20	2,352,932	CWT	B 63.70	149,882,000
Finished	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
(Fish & Algae)	1993						7,678,000
MISC. LIVESTOCK	1994						17,049,000
(Dairy, Dairy Heifers, Swine, Goats, Rabbits, Cavies & Poultry)	1993						14,437,000
					VALUE 1994		242,614,000
					VALUE 1993		261,809,000

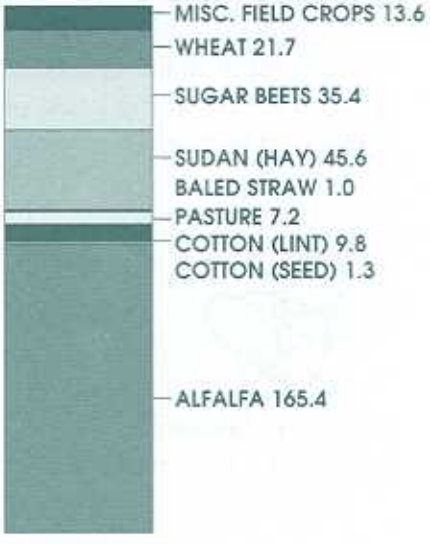
* GAIN MAY NOT TOTAL DUE TO ROUNDING
A - Backgrounded = Cattle fed but not finished for market
B - Based on average gain and price

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	1994	7,651	8.75	66,946.25	TON	92.50	6,193,000
(Cubed & Greenchopped)	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
PASTURE CROPS							
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
ASPARAGUS							
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
BROCCOLI (Market)	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
CABBAGE (Market)	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
CARROTS							
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
TOTAL CARROTS	1994	16,312					83,459,000
	1993	14,811					95,903,000
CAULIFLOWER (Market)	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
SWEET CORN	1994	4,864	250	1,215,824	50 LB CTN	5.56	6,760,000
FALL & SPRING	1993	3,218	303	974,024	50 LB CTN	6.60	6,429,000
HEAD LETTUCE							
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
TOTAL HEAD LETTUCE	1994	25,247					56,044,000
	1993	21,468					94,432,000
LEAF LETTUCE	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
ONIONS							
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
TOTAL ONIONS	1994	11,865					22,147,000
	1993	10,682					31,457,000
TOMATOES							
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
TOTAL TOMATOES	1994	2,576					7,755,000
	1993	3,458					17,754,000
MISC. VEGETABLES	1994	5,396					18,824,000
	1993	4,356					16,798,000
CANTALOUPES							
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
TOTAL CANTALOUPES	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
HONEYDEW & MISC. MELONS							
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
WATERMELONS	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
TOTALS 1994	**ACRES**	113,874				**VALUE**	350,180,000
TOTALS 1993	**ACRES**	96,001				**VALUE**	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
DATES							
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
GRAPEFRUIT							
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
LEMONS							
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
ORANGES (NAVELS & VALENCIA)							
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
TANGERINES							
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
MISC. CITRUS, FRUIT & NUT CROPS							
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
CITRUS BY-PRODUCTS	1994			10,953.16	TON	56.15	615,000
	1993			17,304.55	TON	51.03	883,000
TOTALS 1994	**ACRES**	4,741				**VALUE**	30,048,000
TOTALS 1993	**ACRES**	4,507				**VALUE**	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

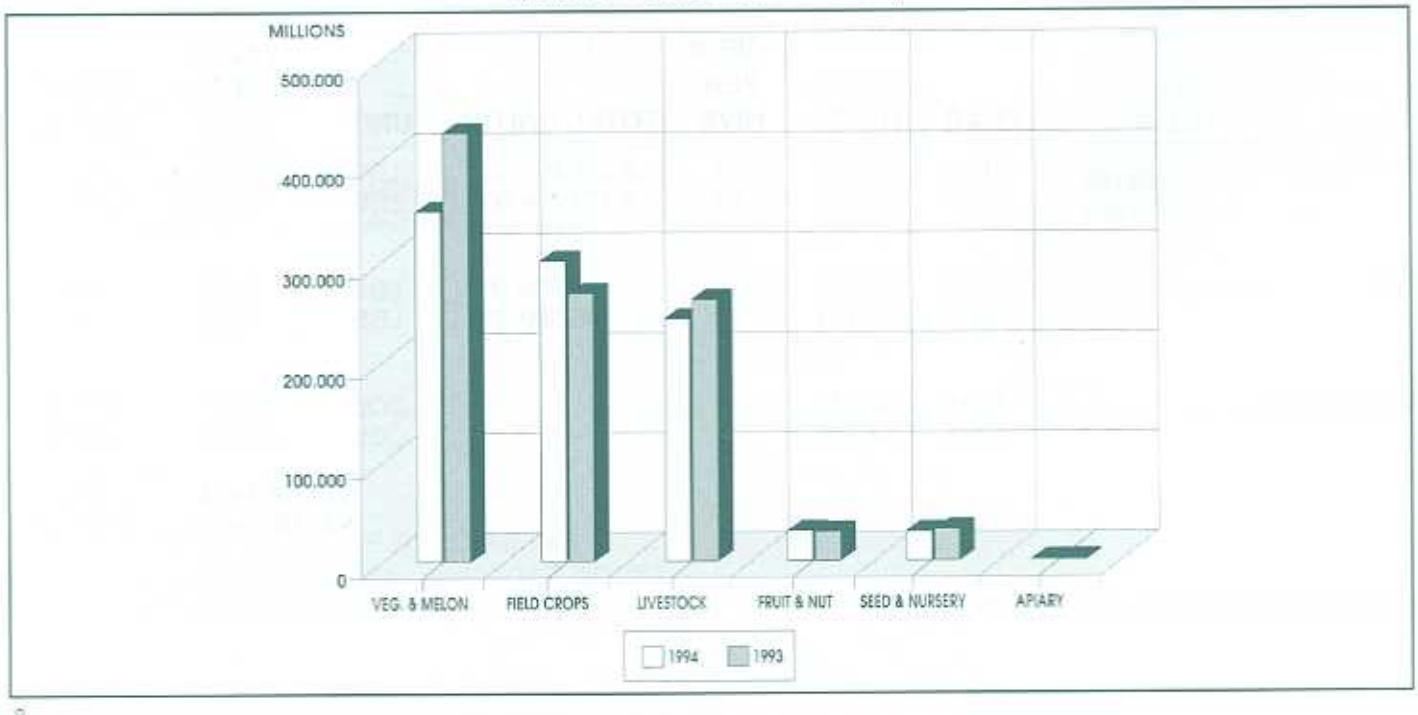
COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS	1994	113,874	350,180,000
	1993	96,001	428,549,000
FIELD CROPS	1994	391,031	300,943,000
	1993*	365,793	268,011,000
LIVESTOCK	1994		242,614,000
	1993		261,809,000
FRUIT & NUT CROPS	1994	4,741	30,048,000
	1993	4,507	28,954,000
SEED & NURSERY 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	CANTALOUPES	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 COMMISSIONER

SEALER OF WEIGHTS 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 occured 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

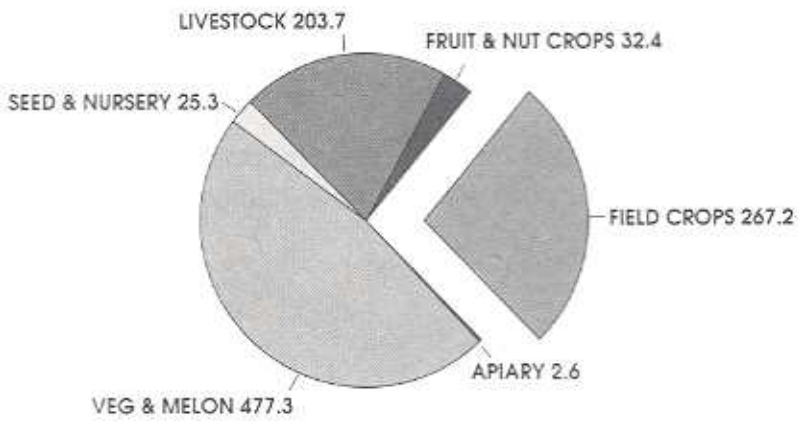
LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN*	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot).....	1995	318,952	A 8.11	2,586,700	CWT	A 62.44	161,514,000
Finished & Backgrounded	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.....	1995						12,596,000
(Fish & Algae)	1994						8,733,000
MISC. LIVESTOCK.....	1995						21,342,000
(Dairy, Dairy Heifers, Swine, Goats, Rabbits, Ostriches, Cavies & Poultry)	1994						17,049,000
					VALUE 1995		203,719,000
					VALUE 1994		242,614,000

* 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	1995	6,500	6.36	41,340.00	TON	105.28	4,352,000
(Cubed & Greenchopped)	1994	7,651	8.75	66,946.25	TON	92.50	6,193,000
ALFALFA HAY (Baled)	1995	175,901	7.94	1,396,654.00	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
PASTURE CROPS							
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
ASPARAGUS							
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
BROCCOLI (Market)	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
CABBAGE (Market)	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
CARROTS							
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
TOTAL CARROTS	1995	14,959					106,860,000
	1994	16,312					83,459,000
CAULIFLOWER (Market)	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
SWEET CORN	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
HEAD LETTUCE							
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
TOTAL HEAD LETTUCE	1995	22,232					109,073,000
	1994	25,247					56,044,000
LEAF LETTUCE	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
ONIONS							
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
TOTAL ONIONS	1995	11,258					38,721,000
	1994	11,865					22,147,000
TOMATOES							
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
TOTAL TOMATOES	1995	1,836					12,146,000
	1994	2,576					7,755,000
MISC. VEGETABLES	1995	5,694					23,739,000
	1994	5,396					18,824,000
CANTALOUPES							
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
TOTAL CANTALOUPES	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
HONEYDEW & MISC. MELONS							
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
WATERMELONS	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
TOTALS 1995 ..... **ACRES**		100,020				**VALUE**	477,325,000
TOTALS 1994 ..... **ACRES**		113,784				**VALUE**	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
DATES							
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
GRAPEFRUIT							
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
LEMONS							
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
ORANGES (NAVELS & VALENCIA)							
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
TANGERINES							
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
MISC. CITRUS, FRUIT & NUT CROPS							
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
CITRUS BY-PRODUCTS	1995			13,742.00	TON	55.01	756,000
	1994			10,953.16	TON	56.15	615,000
TOTALS 1995	**ACRES**	4,684				**VALUE**	32,431,000
TOTALS 1994	**ACRES**	4,741				**VALUE**	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

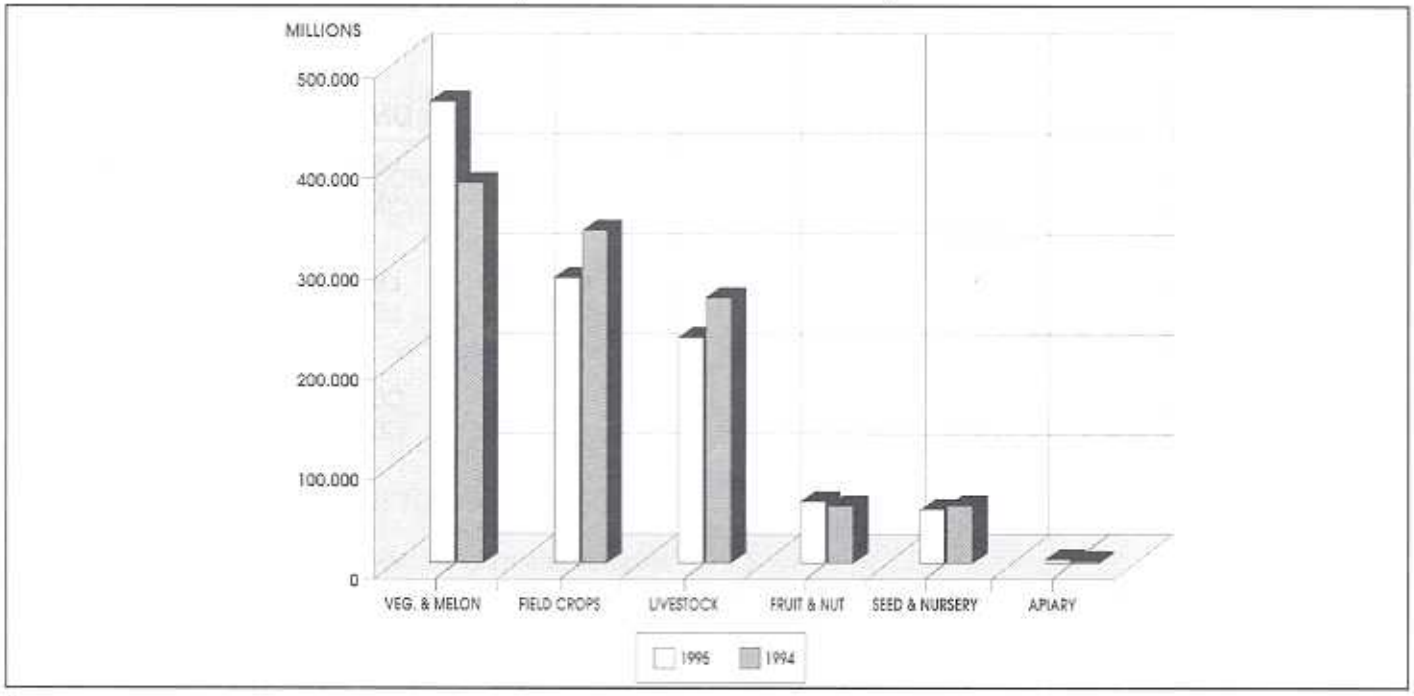
	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	1995	34,480	53.83	1,856,058.00	LBS	0.65	1,206,000
	1994	38,814	52.38	2,032,924.36	LBS	0.46	935,000
WAX	1995	34,480	1.21	41,720.00	LBS	2.18	91,000
	1994	38,884	1.11	43,233.79	LBS	1.57	68,000
POLLINATION	1995	69,745			COL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

SEALER OF WEIGHTS 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

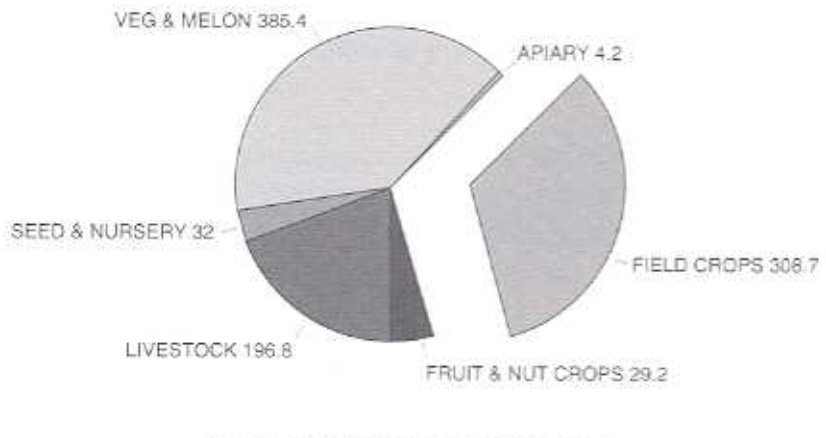
LIVESTOCK

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	161,514,000
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	1996						14,182,000
(Fish & Algae)	1995						12,596,000
MISC. LIVESTOCK	1996						19,964,000
(Dairy, Dairy Heifers, Swine, Goats, Rabbits & Poultry)	1995						21,342,000
						VALUE 1996	196,867,000
						VALUE 1995	203,719,000

* GAIN MAY NOT TOTAL DUE TO ROUNDING

1996 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	1996	2,190	9.27	20,312.00	TON	94.03	1,910,000
(Cubed & Greenchopped)	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
PASTURE CROPS							
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, Bufflegrass, 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
ASPARAGUS							
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
BROCCOLI (Market)	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	26,600,000
CABBAGE (Market)	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
CARROTS							
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
TOTAL CARROTS	1996	16,469					66,763,000
	1995	14,959					106,860,000
CAULIFLOWER (Market)	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
SWEET CORN	1996	4,397	320	1,409,200	50 LB CTN	8.26	11,640,000
Fall & Spring	1995	3,896	299	1,166,415	50 LB CTN	8.00	9,331,000
HEAD LETTUCE							
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	1996						11,563,000
Trim & Cored	1995						17,458,000
TOTAL HEAD LETTUCE	1996	22,101					77,999,000
	1995	22,232					109,073,000
LEAF LETTUCE	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
POTATOES	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
ONIONS							
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
TOTAL ONIONS	1996	11,979					20,828,000
	1995	11,258					38,721,000
TOMATOES							
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
TOTAL TOMATOES	1996	2,022					14,265,000
	1995	1,836					12,146,000
MISC.VEGETABLES	1996	5,860					24,764,000
	1995	5,694					23,739,000
CANTALOUPES							
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
TOTAL CANTALOUPES	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
HONEYDEW & MISC. MELONS							
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
WATERMELONS	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
TOTALS 1996	ACRES	109,048				VALUE	385,408,000
TOTALS 1995	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
DATES							
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
GRAPEFRUIT							
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
LEMONS							
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
ORANGES (Navel & Valencia)							
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
TANGERINES							
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
MISC. CITRUS, FRUIT & NUT CROPS							
Harvested	1996	444	4.86	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
CITRUS BY-PRODUCTS	1996			9,472.98	TON	43.52	412,000
	1995			13,742.00	TON	55.01	756,000
TOTALS 1996	ACRES	4,915				VALUE	29,220,000
TOTALS 1995	ACRES	4,684				VALUE	32,431,000

* 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

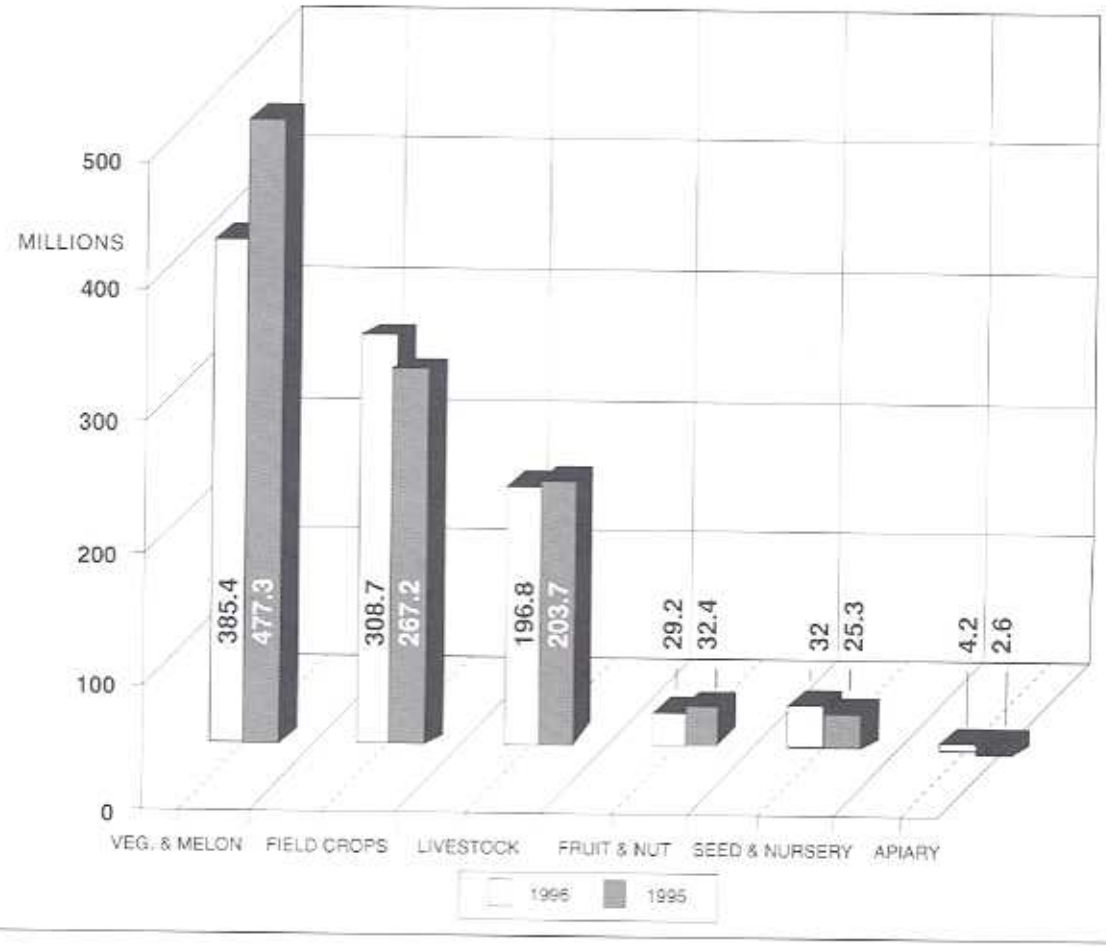
1996 SUMMARY

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	19,607,000	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	11,640,000	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	2,062,000	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

This report is published by the Agricultural Commissioners Office
with the assistance of the Imperial Irrigation District

1997

IMPERIAL COUNTY AGRICULTURAL CROP & LIVESTOCK REPORT

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

150 South Ninth Street
El Centro, CA 92243-2850
(760) 339-4314
Fax: (760) 353-9420
Email: impagcom@quix.net

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

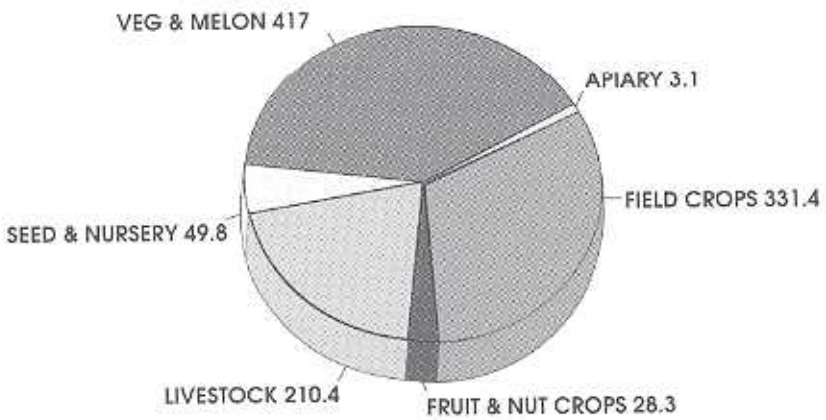
LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN*	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot).....	1997	328,494	7.86	2,581,963	CWT	63.05	162,796,000
Finished & Background	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.....	1997						11,769,000
(Fish & Algae)	1996						14,182,000
MISC. LIVESTOCK.....	1997						24,335,000
(Dairy, Dairy Heifers, Swine, Goats, Rabbits & Poultry)	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	1997	2,400	3.94	9,450.00	TON	120.00	1,134,000
(Pellets & Greenchopped)	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
PASTURE CROPS							
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, Bufflegrass, 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
ASPARAGUS							
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
BROCCOLI (Market)	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
CABBAGE (Market)	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
CARROTS							
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
TOTAL CARROTS	1997	16,014					62,501,000
Revised	1996	16,469					55,166,000
CAULIFLOWER (Market)	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
SWEET CORN	1997	4,556	308	1,403,093	50 LB CTN	7.98	11,197,000
Fall & Spring	1996	4,397	320	1,409,200	50 LB CTN	8.26	11,640,000
HEAD LETTUCE							
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
TOTAL HEAD LETTUCE	1997	21,920					81,983,000
	1996	22,101					77,999,000
LEAF LETTUCE	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
POTATOES	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
ONIONS							
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
TOTAL ONIONS	1997	10,329					31,032,000
	1996	11,979					20,828,000
TOMATOES							
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
TOTAL TOMATOES	1997	652					5,049,000
	1996	2,022					14,265,000
MISC. VEGETABLES	1997	5,768					23,210,000
	1996	5,860					24,764,000
CANTALOUPES							
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
TOTAL CANTALOUPES	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
HONEYDEW & MISC. MELONS							
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
WATERMELONS	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
TOTALS 1997 **ACRES**		107,708				**VALUE**	416,953,000
TOTALS 1996 **ACRES**		109,048		Revised		**VALUE**	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
DATES							
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
GRAPEFRUIT							
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
LEMONS							
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
ORANGES (NAVEL & VALENCIA)							
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
TANGERINES							
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
MISC. CITRUS, FRUIT & NUT CROPS							
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
CITRUS BY-PRODUCTS	1997			13,752.10	TON	36.86	507,000
	1996			9,472.98	TON	43.52	412,000
TOTALS 1997	**ACRES**	4,739				**VALUE**	28,324,000
TOTALS 1996	**ACRES**	4,915				**VALUE**	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

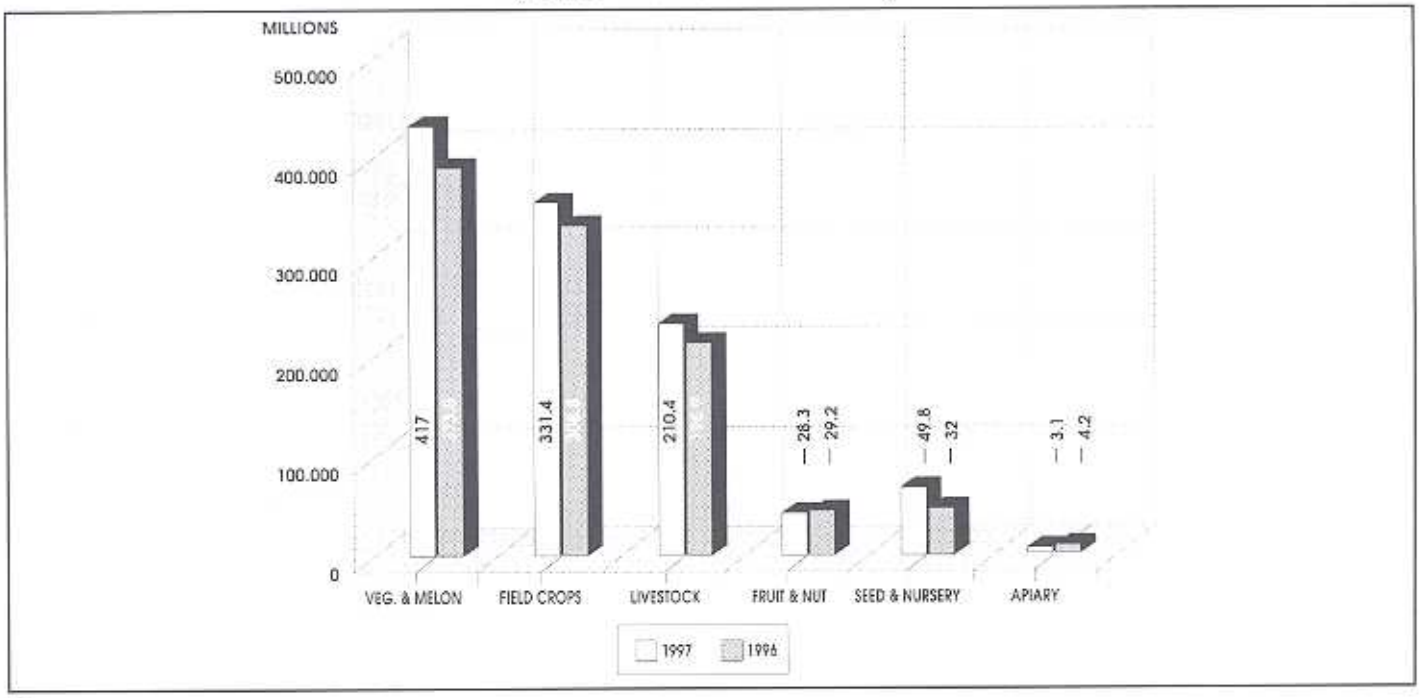
	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	1997	46,228	58.20	2,690,672.16	LBS	0.61	1,634,000
	1996	44,117	72.29	3,189,156.63	LBS	0.83	2,647,000
WAX	1997	52,228	1.17	60,920.92	LBS	1.64	100,000
	1996	44,317	1.41	62,404.00	LBS	2.25	140,000
POLLINATION	1997	64,302			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
VEGETABLE & MELON CROPS	1997	107,708	416,953,000
Revised for Carrots	1996	109,048	373,811,000
FIELD CROPS	1997	423,353	331,389,000
	1996	429,762	308,753,000
LIVESTOCK	1997		210,359,000
	1996		196,867,000
FRUIT & NUT CROPS	1997	4,739	28,324,000
	1996	4,915	29,220,000
SEED & NURSERY CROPS	1997	44,432	49,774,000
	1996	54,051	32,041,000
APIARY PRODUCTS	1997		3,129,000
	1996		4,232,000
TOTALS	1997	580,232	1,039,928,000
Revised **TOTALS**	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	CANTALOUPES	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

1998

Imperial County Agricultural Crop & Livestock Report

In cooperation with the Imperial Irrigation District

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
TOTAL	1,083,232,000		1,548,184,266

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
TOTAL	1,083,232,000		231,423,156

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
TOTAL	1,083,232,000		25,829

*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

150 South Ninth Street
El Centro, CA 92243-2850
(760) 339-4314
Fax: (760) 353-9420
Email: impagcom@quix.net

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

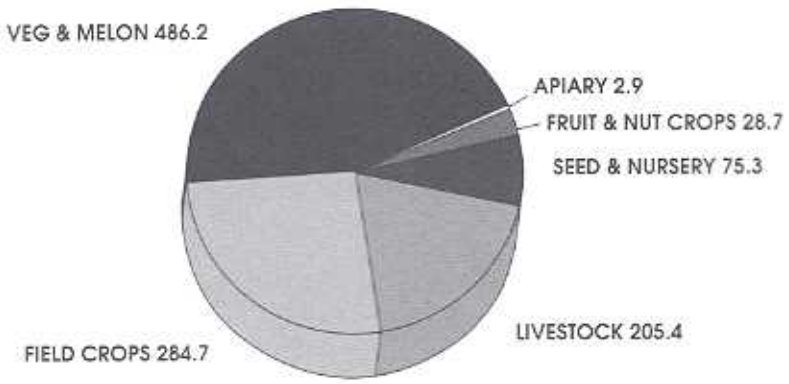
LIVESTOCK

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
					VALUE 1998		205,369,000
					VALUE 1997		210,359,000

* 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
PASTURE CROPS							
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
TOTAL PASTURE	1998	145,921					5,000,000
	1997	138,950					6,534,000
BALED STRAW	1998			49,557.30	TON	30.90	1,531,000
	1997			59,503.34	TON	38.00	2,261,000
SUDANGRASS HAY	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
SUGAR BEETS	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
WHEAT	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
MISC. FIELD CROPS	1998	10,164					3,098,000
**	1997	28,293				**	20,470,000
TOTALS 1998	ACRES	416,463				VALUE	284,732,000
** TOTALS 1997	ACRES	419,673				VALUE	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
ASPARAGUS							
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
BROCCOLI (Market)	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
CABBAGE (Market)	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
CARROTS							
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
TOTAL CARROTS	1998	16,416					64,214,000
	1997	16,014					62,501,000
CAULIFLOWER (Market)	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
SWEET CORN	1998	6,088	311	1,895,317	50 LB CTN	7.30	13,836,000
Fall & Spring	1997	4,556	308	1,403,093	50 LB CTN	7.98	11,197,000
HEAD LETTUCE							
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
TOTAL HEAD LETTUCE	1998	18,439					94,968,000
	1997	21,920					81,983,000
LEAF LETTUCE	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
SPRING MIX	1998	1,109	4,589	5,089,201	LB	1.18	6,005,000
Incl. In Leaf Lettuce	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
ONIONS							
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
TOTAL ONIONS	1998	9,757					44,241,000
	1997	10,329					31,032,000
POTATOES	1998	2,622	376	985,872	CWT	10.95	10,795,000
	1997	2,784	262	729,408	CWT	14.93	10,890,000
TOMATOES							
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
MISC. VEGETABLES	1998	4,953					31,402,000
	1997	5,768					23,210,000
CANTALOUPES							
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
TOTAL CANTALOUPES	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
HONEYDEW & MISC. MELONS							
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
WATERMELONS	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
TOTALS 1998	**ACRES**	103,618				**VALUE**	486,178,000
TOTALS 1997	**ACRES**	107,708				**VALUE**	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
DATES							
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
GRAPEFRUIT							
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
LEMONS							
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
ORANGES (NAVEL & VALENCIA)							
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
TANGERINES							
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
MISC. CITRUS, FRUIT & NUT CROPS							
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
CITRUS BY-PRODUCTS	1998			11,786.36	TON	34.85	411,000
	1997			13,752.10	TON	36.86	507,000
TOTALS 1998 ACRES		5,087				**VALUE**	28,724,000
TOTALS 1997 ACRES		4,739				**VALUE**	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

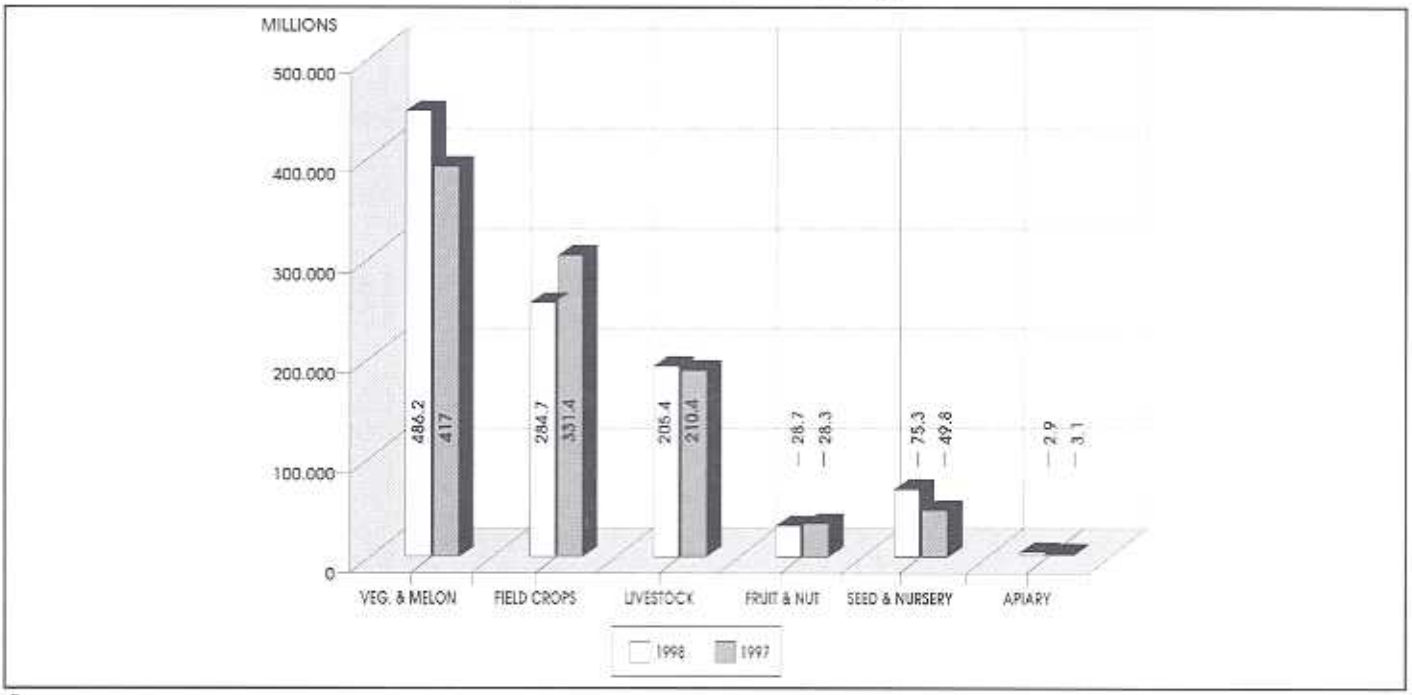
	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	1998	38,943	47.41	1,846,421.87	LBS	0.53	986,000
	1997	46,228	58.20	2,690,672.16	LBS	0.61	1,634,000
WAX	1998	42,693	1.23	52,380.25	LBS	1.25	65,000
	1997	52,228	1.17	60,920.92	LBS	1.64	100,000
POLLINATION	1998	79,451			COL	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
TOTALS	1998	585,727	1,083,232,000
Revised * TOTALS	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	CANTALOUPES	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

Commodities	Gross Value of Production $1,000 1999	Private Sales Multiplier	Personal Income Multiplier	Value Added Multiplier	Jobs Per Mil. Dollars Multiplier	IMPACT ON: 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
TOTAL	**1,045,092**					**1,605,065**	**365,044**	**676,623**	**17,574**

* 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

George Goldman, (510) 643-6361
Dept. of Agricultural & Resource Economics
No. 321 Giannini Hall
University of California at Berkeley
Berkeley, CA 94720

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

150 South Ninth Street
El Centro, CA 92243-2850
(760) 339-4314
Fax: (760) 353-9420
Email: agcom@imperialcounty.net

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,

Stephen L. Birdsall
Agricultural Commissioner

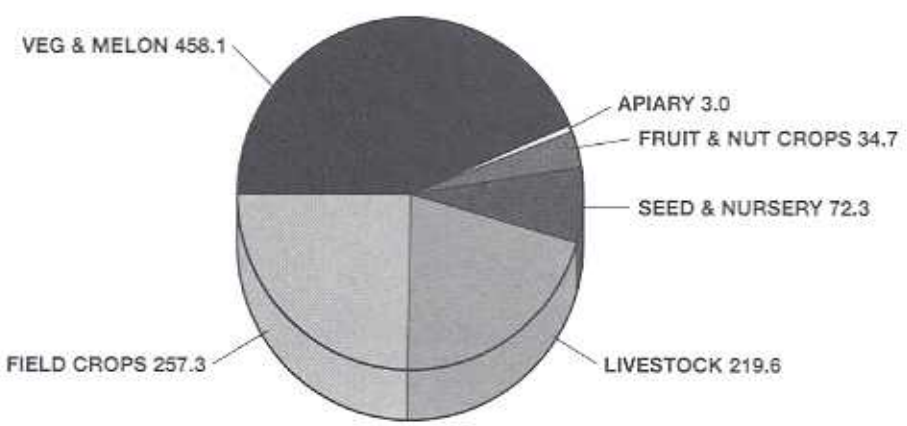
LIVESTOCK

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	1999						7,752,000
(Fish & Algae)	1998						10,585,000
MISC. LIVESTOCK	1999						36,998,000
(Dairy, Dairy Heifers, Swine, Cattle, Lambs, Goats, Rabbits & Poultry)	1998						35,637,000
					VALUE 1999		219,609,000
					VALUE 1998		205,369,000

* 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
PASTURE CROPS							
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
TOTAL PASTURE	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
TOTALS 1999	**ACRES**	368,517				**VALUE**	257,341,000
TOTALS 1998	**ACRES**	416,463				**VALUE**	284,732,000

* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD CROPS = Barley, Bufflegrass 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
ASPARAGUS							
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
BROCCOLI (Market)	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
CABBAGE (Market)	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
CARROTS							
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
TOTAL CARROTS	1999	16,995					77,222,000
	1998	16,416					64,214,000
CAULIFLOWER (Market)	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
SWEET CORN	1999	6,790	289	1,965,366	50 LB CTN	7.84	15,408,000
Fall & Spring	1998	6,088	311	1,895,317	50 LB CTN	7.30	13,836,000
HEAD LETTUCE							
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
TOTAL HEAD LETTUCE	1999	20,159					101,987,000
	1998	18,439					94,968,000
LEAF LETTUCE	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
SPRING MIX	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
ONIONS							
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
TOTAL ONIONS	1999	11,566					36,661,000
	1998	9,757					44,241,000
POTATOES	1999	3,159	246	776,135	CWT	13.00	10,090,000
	1998	2,622	376	985,872	CWT	10.95	10,795,000
TOMATOES							
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.					
TOTAL TOMATOES	1999	2,024					8,111,000
	1998	655					6,527,000
MISC. VEGETABLES	1999	5,705					28,504,000
	1998	4,953					31,402,000
CANTALOUPES							
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
TOTAL CANTALOUPES	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
HONEYDEW & MISC. MELONS							
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
WATERMELONS	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
TOTALS 1999 ..... **ACRES**		122,063				**VALUE**	458,114,000
TOTALS 1998 ..... **ACRES**		103,618				**VALUE**	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
DATES							
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
GRAPEFRUIT							
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
LEMONS							
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
ORANGES (VALENCIA)							
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
TANGERINES							
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
MISC. CITRUS, FRUIT & NUT CROPS							
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
CITRUS BY-PRODUCTS	1999			9,789.94	TON	52.97	519,000
	1998			11,786.36	TON	34.85	411,000
TOTALS 1999	**ACRES**	5,812				**VALUE**	34,743,000
TOTALS 1998	**ACRES**	5,087				**VALUE**	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

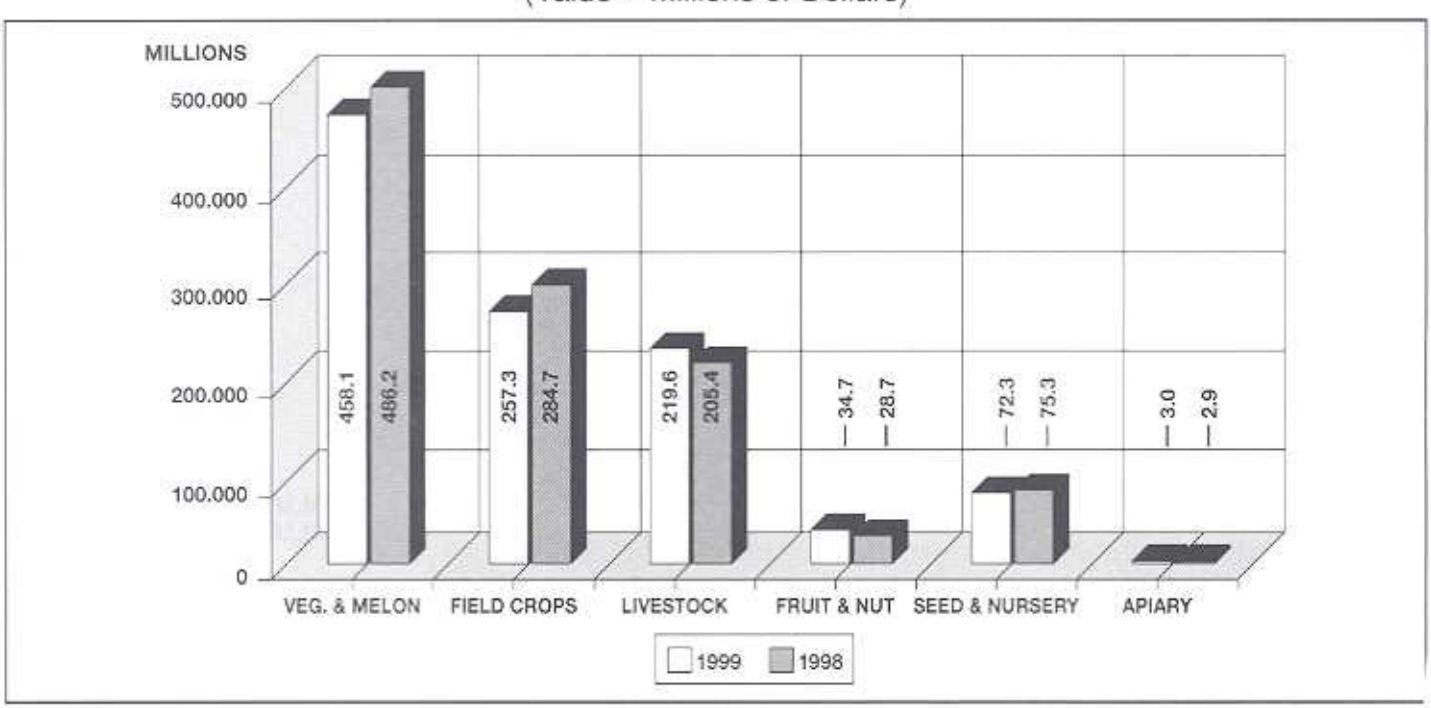
1999 SUMMARY

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
TOTALS	1999	572,286	1,045,092,000
TOTALS	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	CANTALOUPES	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

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