
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

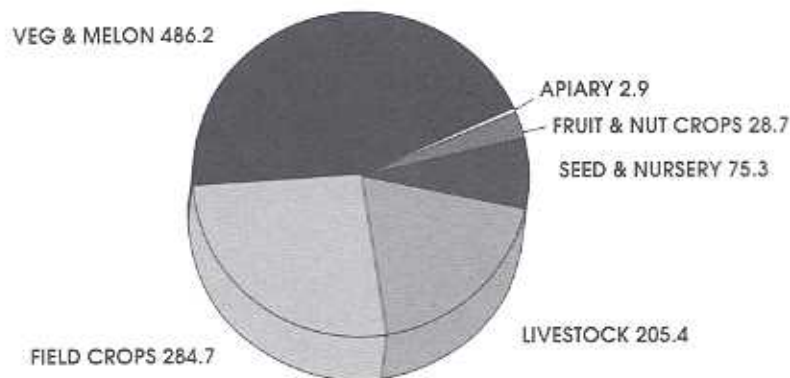
LIVESTOCK

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							
Fall & Spring	1998	6,088	311	1,895,317	50 LB CTN	7.30	13,836,000
	1997	4,556	308	1,403,093	50 LB CTN	7.98	11,197,000
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							
Incl. In Leaf Lettuce	1998	1,109	4,589	5,089,201	LB	1.18	6,005,000
	1997						

* UNITS MAY NOT TOTAL DUE TO ROUNDING

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

VEGETABLE AND MELON CROPS

(continued)

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
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
CANTALOUPE							
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 CANTALOUPE.....	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

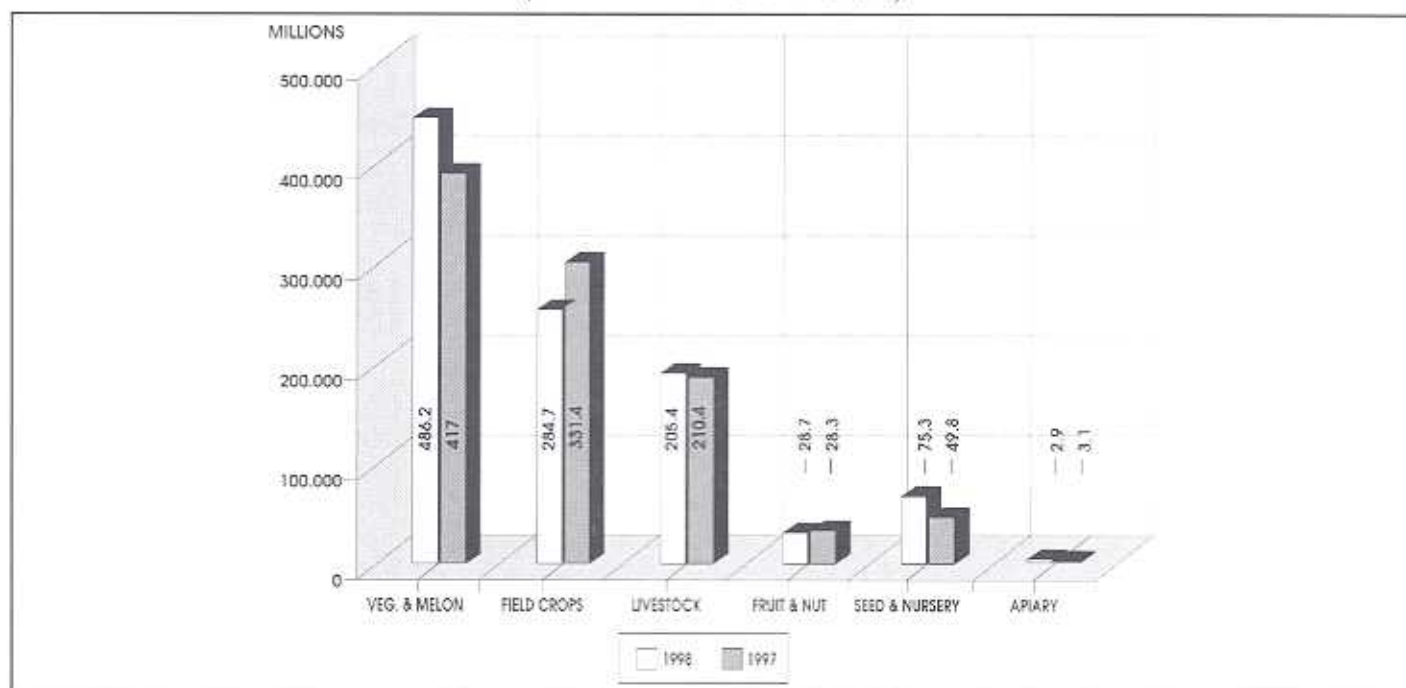
	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	1998	38,943	47.41	1,846,421.87	LBS	0.53	986,000
	1997	46,228	58.20	2,690,672.16	LBS	0.61	1,634,000
WAX	1998	42,693	1.23	52,380.25	LBS	1.25	65,000
	1997	52,228	1.17	60,920.92	LBS	1.64	100,000
POLLINATION	1998	79,451			COL	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	CANTALOUPE	44,798,000	9
9	ONIONS	44,241,000	11
10	WHEAT	40,830,000	8
11	MISC. LIVESTOCK	35,637,000	12
12	SUNDANGRASS HAY	34,396,000	7
13	MISC. VEGETABLES	31,402,000	13
14	CERTIFIED SEED	29,200,000	25
15	ASPARAGUS	27,001,000	14
16	BERMUDAGRASS SEED	21,060,000	15
17	CAULIFLOWER	19,621,000	16
18	ALFALFA SEED	14,783,000	26
19	SWEET CORN	13,836,000	20
20	DATES	13,300,000	19
21	WATERMELONS	11,974,000	21
22	BERMUDAGRASS HAY	11,675,000	*
23	POTATOES	10,795,000	23
24	AQUATIC PRODUCTS	10,585,000	18
25	LEMONS	7,783,000	28
26	ONION SEED	7,636,000	27
27	SHEEP	7,232,000	24
28	COTTON LINT	7,083,000	22
29	TOMATOES - MARKET	6,527,000	31
30	SPRING MIX	6,005,000	*
31	PASTURE	5,000,000	29
32	CABBAGE	4,758,000	33
33	HONEYDEW & MISC. MELONS	4,219,000	30
34	MISC. FIELD CROPS	3,098,000	17
35	GRAPEFRUIT	3,091,000	32
36	MISC. SEED & NURSERY	2,657,000	36
37	MISC. CITRUS	2,266,000	34
38	POLLINATION	1,842,000	40
39	BALED STRAW	1,531,000	35
40	COTTON SEED	1,300,000	39

* = NEW FOR 1998

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

Stephen L. Birdsall
Office of Agricultural Commissioner
Scaler of Weights and Measures
Imperial County
150 South Ninth Street
El Centro, CA 92243-2850

