

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



ECONOMIC IMPACTS OF IMPERIAL COUNTY'S AGRICULTURAL PRODUCTION 1999

IMPACT ON

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

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May 5, 2000

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

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

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

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

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

Sincerely,

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

Stephen L. Birdsall
Agricultural Commissioner

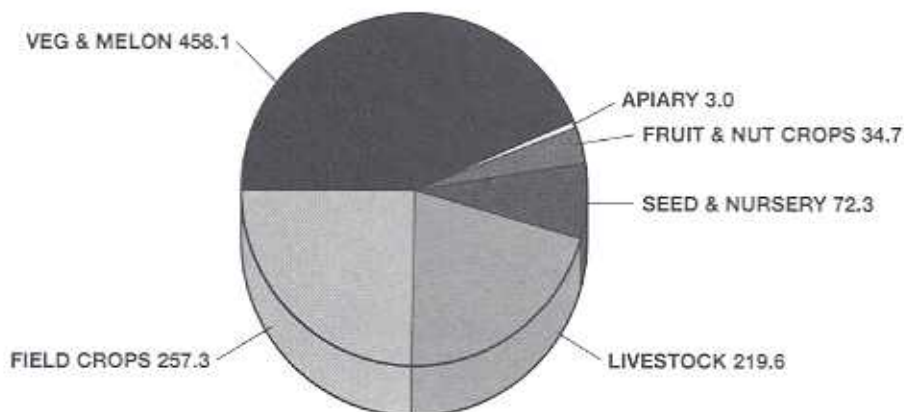
LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN*	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)	1999	324,571	8.03	2,606,665	CWT	64.03	166,910,000
	1998	325,107	8.01	2,605,402	CWT	58.11	151,408,000
SHEEP (Feeders)	1999	245,000	0.46	112,700	CWT	67.20	7,573,000
	1998	225,000	0.49	110,250	CWT	65.60	7,232,000
WOOL	1999	254,800	4.34	1,105,832	LBS	0.34	376,000
	1998	234,000	3.44	804,960	LBS	0.63	507,000
AQUATIC PRODUCTS (Fish & Algae)	1999						7,752,000
	1998						10,585,000
MISC. LIVESTOCK (Dairy, Dairy Heifers, Swine, Cattle, Lambs, Goats, Rabbits & Poultry)	1999						36,998,000
	1998						35,637,000
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, Buffleggrass Hay, Field Corn, Kliengrass Hay, Ryegrass Hay, Dry Beans, Oat Hay, Sorghum Grain, Alfalfa Pellets, Sorghum, Alfalfa and Sudan Silage.

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

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

A = 500 lb. Bales

B = Includes Government Payment

VEGETABLE AND MELON CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
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							
Fall & Spring.....	1999	6,790	289	1,965,366	50 LB CTN	7.84	15,408,000
	1998	6,088	311	1,895,317	50 LB CTN	7.30	13,836,000
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
CANTALOUPE							
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 CANTALOUPE	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

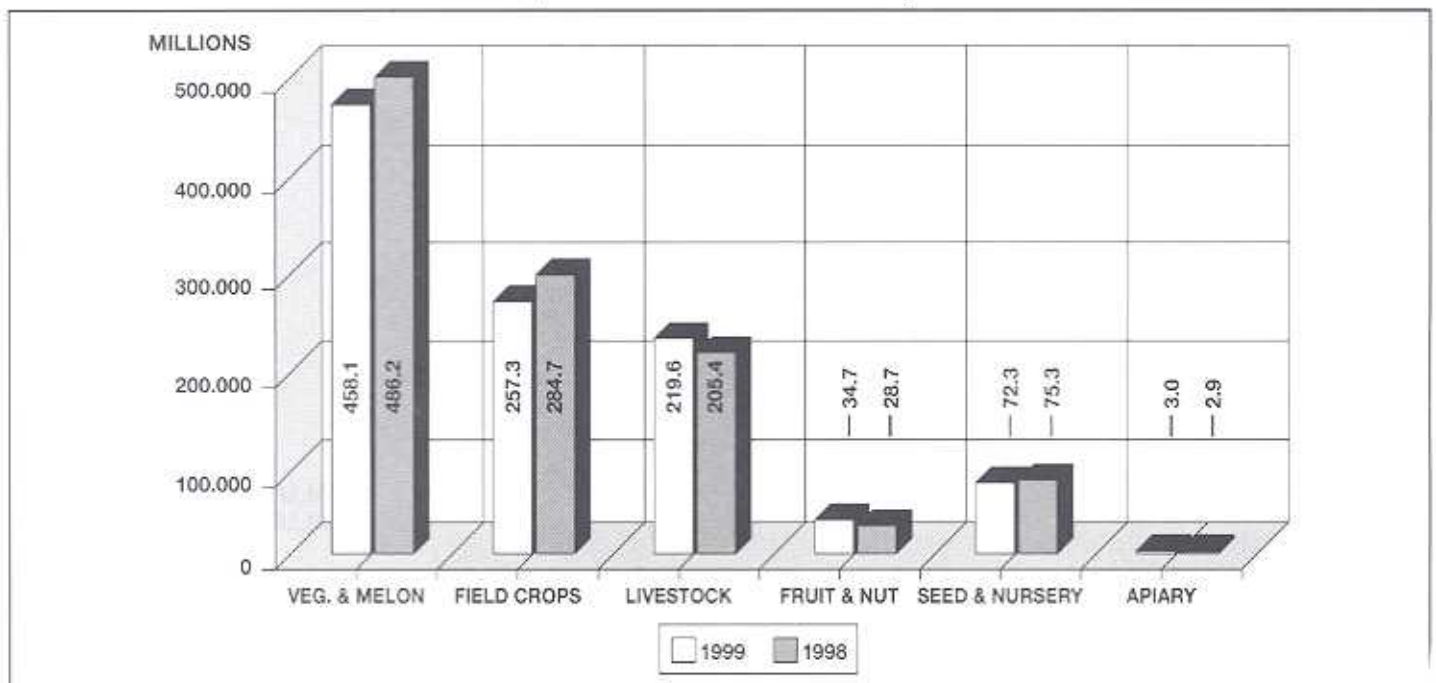
* UNITS MAY NOT TOTAL DUE TO ROUNDING

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)



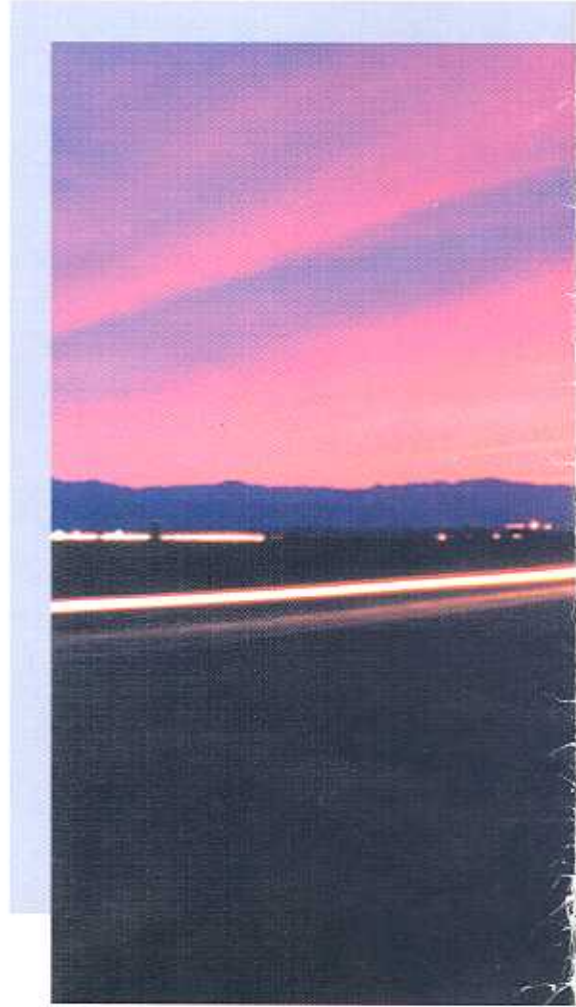
TOP FORTY CROPS

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	CANTALOUPE	33,954,000	8
12	MISC. VEGETABLES	28,504,000	13
13	SUDANGRASS HAY	25,871,000	12
14	ASPARAGUS	19,980,000	15
15	CAULIFLOWER	19,094,000	17
16	WHEAT	15,994,000	10
17	SWEET CORN	15,408,000	19
18	DATES	14,123,000	20
19	BERMUDAGRASS SEED	13,869,000	16
20	ALFALFA SEED	12,616,000	18
21	BERMUDAGRASS HAY	11,544,000	22
22	POTATOES	10,090,000	23
23	COTTON LINT	9,612,000	28
24	MISC. FIELD CROPS	9,210,000	34
25	LEMONS	9,047,000	25
26	TOMATOES	8,111,000	29
27	ONION SEED	7,831,000	26
28	AQUATIC PRODUCTS	7,752,000	24
29	SHEEP	7,573,000	27
30	WATERMELONS	7,143,000	21
31	SPRING MIX	6,890,000	30
32	HONEYDEW & MISC. MELONS	6,087,000	33
33	GRAPEFRUIT	4,393,000	35
34	PASTURE	4,314,000	31
35	MISC. SEED & NURSERY	3,101,000	36
36	CABBAGE	2,993,000	32
37	MISC. CITRUS	2,961,000	37
38	TANGERINES	2,076,000	*
39	POLLINATION	2,011,000	38
40	ORANGES	1,624,000	*

* = NEW FOR 1999

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

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