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IMPERIAL COUNTY
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July 1, 2003

Camera Ready

TO: William J. Lyons, Jr., Secretary
Department of Food and Agriculture
and
The Honorable Board of Supervisors,
County of Imperial
Joe Maruca, Chairperson
Victor M. Carrillo Hank Kuiper
Gary Wyatt Wally Leimgruber

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2002 Annual Agricultural Crop and Livestock Report for Imperial County. This report is a summary of acreage, yield, and gross value of agricultural production in Imperial County. It must be emphasized that the values presented in this report represent **Gross** receipt of producers and do not take into account the various costs of production, marketing, or transportation. **No attempt is made to reflect net income of the producer.**

The total gross agricultural production value in 2002 was \$1,224,109,000. This is a 21.2 percent increase or \$213,788,000 from the 2001 gross value. The Vegetable and Melon Crop Category increased 37.9%. The majority of the winter vegetables, lettuce in particular, benefitted from extremely favorable overall prices and accounted for \$154,164,000 of that increase. Increases in value were also realized in, Livestock 16.2%, Fruit and Nut crops 47.1%, Seed & Nursery Crops 40.8% and Apiary products 18.8%. The increases in value were a direct result of improved yields and prices. There was a minor decrease in value in Field Crops (4.2%).

As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$399 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

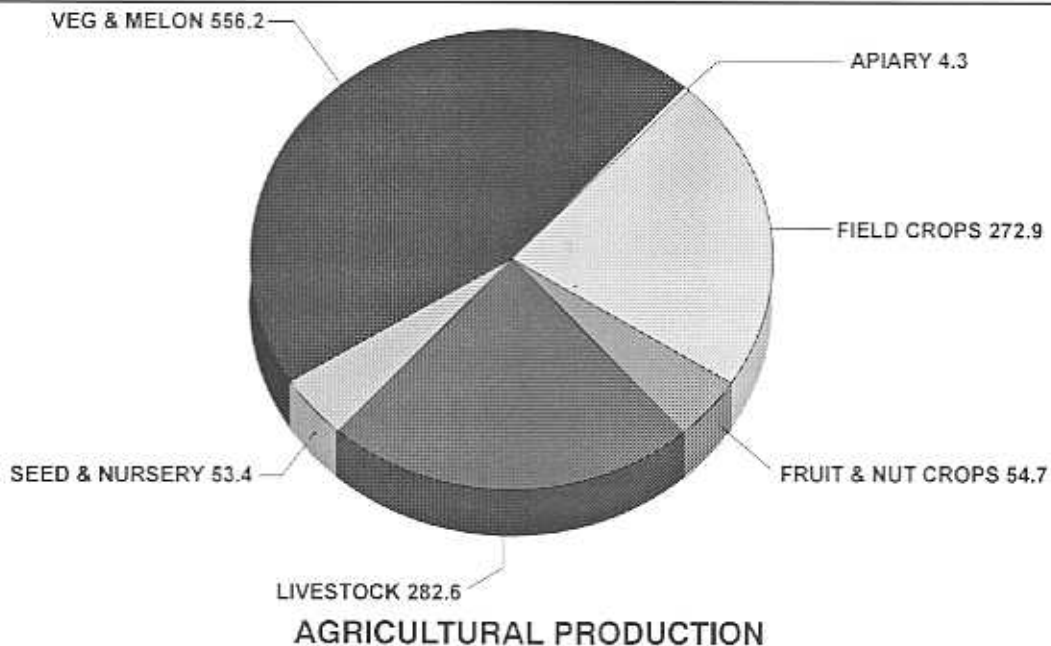
IMPERIAL COUNTY

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN*	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)	2002	365,432	9.17	3,351,011	CWT	64.35	215,638,000
	2001	325,122	8.32	2,705,015	CWT	67.38	182,264,000
SHEEP (Feeders)	2002	143,000	0.40	57,200	CWT	64.69	3,700,000
	2001	220,000	0.35	77,000	CWT	85.00	6,545,000
WOOL	2002	143,000	3.38	483,340	LBS	0.14	68,000
	2001	220,000	2.86	629,200	LBS	0.16	101,000
AQUATIC PRODUCTS (Fish & Algae)	2002						8,107,000
	2001						8,586,000
MISC. LIVESTOCK (Dairy, Dairy Heifers, Swine, Calves, Cattle, Cavies, Goats, Lambs, Poultry & Rabbits)	2002						55,033,000
	2001						45,711,000
					VALUE 2002		282,546,000
					VALUE 2001		243,207,000

* GAIN MAY NOT TOTAL DUE TO ROUNDING

2002 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



FIELD CROPS

IMPERIAL COUNTY

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA HAY (Baled).....	2002	186,641	7.70	1,437,135.70	TON	95.38	137,074,000
	2001	184,126	8.11	1,493,261.86	TON	97.00	144,846,000
BERMUDAGRASS HAY	2002	62,373	5.72	356,773.56	TON	71.40	25,474,000
	2001	53,773	5.43	291,987.39	TON	75.72	22,109,000
COTTON (Lint).....	2002	10,643	2.59 A	27,565.37	BALE	397.60 B	10,960,000
	2001	16,528	2.83 A	46,774.24	BALE	360.00 B	16,839,000
COTTON (Seed)	2002	10,643	1.03	10,962.29	TON	128.05	1,404,000
	2001	16,528	1.15	19,007.20	TON	113.50	2,157,000
KLEINGRASS HAY	2002	10,383	9.13	94,796.79	TON	79.75	7,560,000
	2001	10,262	8.71	89,382.02	TON	86.27	7,711,000
PASTURE CROPS							
Alfalfa	2002	57,786	#		ACRE	25.82	1,492,000
	2001	92,063	#		ACRE	24.25	2,233,000
Bermudagrass	2002	6,237	#		ACRE	24.70	154,000
	2001	10,366	#		ACRE	23.15	240,000
Sudangrass	2002	13,863	#		ACRE	36.17	501,000
	2001	10,264	#		ACRE	23.15	238,000
Misc. Pasture.....	2002	2,584			ACRE	196.60	508,000
	2001	3,848			ACRE	225.00	866,000
TOTAL PASTURE.....	2002	80,470					2,655,000
	2001	116,541					3,577,000
BALED STRAW.....	2002			102,626.00	TON	36.27	3,722,000
	2001			76,634.00	TON	32.62	2,500,000
SUDANGRASS HAY	2002	46,211	4.43	204,714.73	TON	91.50	18,731,000
	2001	51,319	5.30	271,990.70	TON	91.63	24,923,000
SUGAR BEETS.....	2002	24,712	40.82	1,008,743.84	TON	40.65	41,005,000
	2001	26,300	41.60	1,094,080.00	TON	34.45	37,691,000
WHEAT	2002	48,148	3.23	155,618.04	TON	138.17	21,488,000
	2001	46,620	3.30	153,846.00	TON	130.17	20,026,000
MISC. FIELD CROPS.....	2002	9,661					2,828,000
	2001	9,437					2,522,000
TOTALS 2002	ACRES	398,772				VALUE	272,901,000
TOTALS 2001	ACRES	398,365				VALUE	284,901,000

* YIELDS MAY NOT TOTAL DUE TO ROUNDING

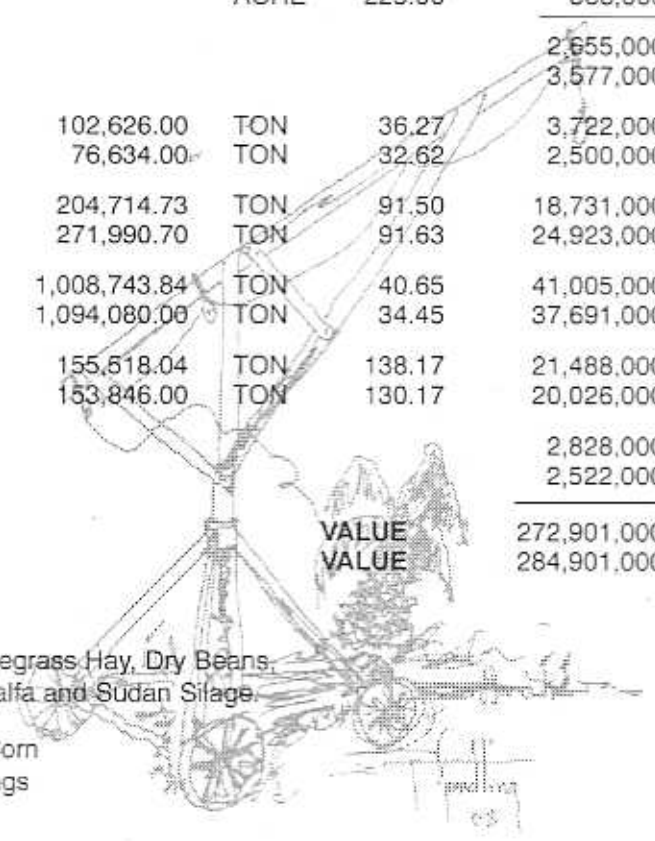
MISC. FIELD CROPS = Barley, Buffelgrass Hay, Field Corn, Ryegrass Hay, Dry Beans, Oat Hay, Sorghum Grain, Sorghum, Alfalfa and Sudan Silage.

MISC. PASTURE = Ryegrass, 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 & MELON CROPS

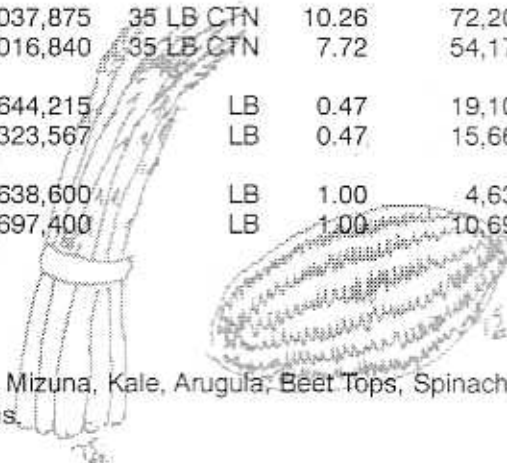
IMPERIAL COUNTY

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ASPARAGUS							
Harvested	2002	3,429	139	476,631	30 LB CTN	31.02	14,785,000
Harvested	2001	4,557	174	792,918	30 LB CTN	28.05	22,241,000
BROCCOLI (Market).....							
	2002	6,798	445	3,025,110	26 LB CTN	12.60	38,116,000
	2001	7,764	500	3,882,000	26 LB CTN	6.54	25,388,000
CABBAGE (Market).....							
	2002	981	650	637,650	45 LB CTN	5.16	3,290,000
	2001	880	710	624,800	45 LB CTN	6.35	3,967,000
CARROTS							
Market.....	2002	6,142	801	4,919,742	50 LB BAG	9.80	48,213,000
	2001	4,534	800	3,627,200	50 LB BAG	6.25	22,670,000
Processing & Other.....	2002	9,044	22.42	202,766	TON	80.00	16,221,000
	2001	10,578	29.00	306,762	TON	80.00	24,541,000
TOTAL CARROTS	2002	15,186					64,434,000
	2001	15,112					47,211,000
CAULIFLOWER (Market).....							
	2002	3,180	501	1,593,180	23 LB CTN	11.59	18,465,000
	2001	4,023	570	2,293,110	23 LB CTN	7.37	16,900,000
SWEET CORN							
Fall & Spring	2002	4,636	324	1,502,064	50 LB CTN	7.48	11,235,000
	2001	3,816	350	1,335,600	50 LB CTN	7.20	9,616,000
HEAD LETTUCE							
Naked Pack	2002			3,375,005	50 LB CTN	18.17	61,324,000
	2001			3,117,912	50 LB CTN	7.40	23,073,000
Wrap Pack	2002			4,125,007	40 LB CTN	19.33	79,736,000
	2001			4,676,868	40 LB CTN	8.70	40,689,000
Bulk.....	2002			4,392,477	50 LB CTN	3.25**	14,276,000
	2001			1,629,612	50 LB CTN	3.20**	5,215,000
TOTAL HEAD LETTUCE ...	2002	13,644		11,892,489	CTN	13.06	155,336,000
	2001	12,507		9,424,392	CTN	7.32	68,977,000
LEAF LETTUCE							
	2002	7,625	923	7,037,875	35 LB CTN	10.26	72,209,000
	2001	7,627	920	7,016,840	35 LB CTN	7.72	54,170,000
SALAD PRODUCTS.....							
	2002			40,644,215	LB	0.47	19,103,000
	2001			33,323,567	LB	0.47	15,662,000
SPRING MIX.....							
	2002	859	5,400	4,638,600	LB	1.00	4,639,000
	2001	1,981	5,400	10,697,400	LB	1.00	10,697,000

* UNITS MAY NOT TOTAL DUE TO ROUNDING

**NET OF HARVEST, BINS and COOLING

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



VEGETABLE & MELON CROPS (CONTINUED)

IMPERIAL COUNTY

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ONIONS							
Market	2002	3,879	953	3,696,687	50 LB SACK	6.09	22,513,000
	2001	4,426	878	3,886,028	50 LB SACK	5.13	19,935,000
Processor	2002	5,305	19.89	105,516	TON	91.29	9,633,000
	2001	5,508	13.85	76,286	TON	103.00	7,857,000
TOTAL ONIONS	2002	9,184					32,146,000
	2001	9,934					27,792,000
POTATOES	2002	5,336	195	1,040,520	CWT	36.83	38,322,000
	2001	2,935	280	821,800	CWT	22.55	18,532,000
SPINACH	2002	1,265	8,500	10,752,500	LBS	0.90	9,677,000
MISC. VEGETABLES	**2002	5,616					30,580,000
	**2001	5,123					37,847,000
CANTALOUPE							
Spring	2002	8,963	567	5,082,021	40 LB CTN	5.76	29,272,000
	2001	9,339	490	4,576,110	40 LB CTN	6.28	28,738,000
Fall	2002	1,666	451	751,366	40 LB CTN	5.62	4,223,000
	2001	1,659	376	623,784	40 LB CTN	9.16	5,714,000
TOTAL CANTALOUPE	2002	10,629	549	5,833,387	40 LB CTN	5.74	33,495,000
	2001	10,998	473	5,199,894	40 LB CTN	6.63	34,452,000
HONEYDEW & MISC. MELONS							
Spring and Fall	2002	1,101	824	907,224	40 LB CTN	5.01	4,545,000
	2001	1,226	777	952,602	40 LB CTN	5.24	4,992,000
WATERMELONS	2002	955	23.06	22,022	TON	263.75	5,808,000
	2001	769	29.16	22,425	TON	221.17	4,960,000
TOTALS 2002	ACRES	90,444				VALUE	556,185,000
TOTALS 2001	ACRES	89,252				VALUE	403,404,000

* UNITS MAY NOT TOTAL DUE TO ROUNDING

** MISC. VEGETABLES = Artichokes, Beans, Beets, Bok Choy, Celery, Chinese Vegetables, Collards, Eggplant, Endive, Herbs, Kale, Leek, Mustard Greens, Okra, Parsley, Parsnips, Peppers, Radishes, Raddichio, Rappini, Strawberries, Squash, Swiss Chard, Tomatoes, Turnips and Water Lilies.



FRUIT & NUT CROPS

IMPERIAL COUNTY

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
DATES							
Harvested	2002	1,030	5.26	5,417.80	TON	4,890.00	26,493,000
Non-Bearing	2002	279					
Harvested	2001	1,028	3.19	3,279.32	TON	4,508.00	14,783,000
GRAPEFRUIT							
Harvested	2002	716	10.57	7,568.12	TON	404.71	3,063,000
Non-Bearing	2002	238					
Harvested	2001	801	9.48	7,593.48	TON	390.00	2,961,000
LEMONS							
Harvested	2002	3,489	7.87	27,458.43	TON	684.21	18,787,000
Non-Bearing	2002	1,874					
Harvested	2001	3,017	6.74	20,334.58	TON	693.16	14,095,000
ORANGES (VALENCIA)							
Harvested	2002	761	3.30	2,511.30	TON	376.26	945,000
Non-Bearing	2002	21					
Harvested	2001	611	2.59	1,582.49	TON	429.47	680,000
TANGERINES							
Harvested	2002	404	3.98	1,607.92	TON	882.40	1,419,000
Non-Bearing	2002	40					
Harvested	2001	359	4.38	1,572.42	TON	608.80	957,000
MISC. CITRUS, FRUIT & NUT CROPS							
Harvested	2002	567	5.25	2,976.75	TON	1,070.00	3,185,000
Non-Bearing	2002	190					
Harvested	2001	611	5.11	3,122.21	TON	841.82	2,628,000
CITRUS BY-PRODUCTS							
	2002			15,021.38	TON	52.98	796,000
	2001			17,935.74	TON	60.24	1,080,000
TOTALS 2002		ACRES	6,967			VALUE	54,688,000
TOTALS 2001		ACRES	6,427			VALUE	37,184,000

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

SEED CROPS & NURSERY PRODUCTS

IMPERIAL COUNTY

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED	2002	12,559	392	4,923,128	LBS	0.94	4,628,000
	2001	15,328	371	5,686,688	LBS	1.01	5,744,000
BERMUDAGRASS SEED	2002	35,244	514	18,115,416	LBS	1.48	26,811,000
	2001	27,153	347	9,422,091	LBS	1.50	14,133,000
ONION SEED	2002	1,043	292	304,556	LBS	6.25	1,903,000
	2001	1,587	450	714,150	LBS	7.50	5,356,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS	2002	1,195					8,004,000
	2001	915					2,018,000
CERTIFIED SEED	2002	16,425					12,099,000
	2001	19,860					10,717,000
TOTALS 2002	ACRES	66,466				VALUE	53,445,000
TOTALS 2001	ACRES	64,843				VALUE	37,968,000

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE AND

FLOWER SEED CROPS = Artichoke, Broccoli, Carrots, Flowers, Grains, Herbs, Mixed Vegetable, Rape, Palm Trees and Cut Flowers

CERTIFIED SEED = Alfalfa, Beans, Barley, Bermudagrass, Chickpea, Flax, Grass, Oat, Pea, Rape, Sudangrass and Wheat

APIARY PRODUCTS

IMPERIAL COUNTY

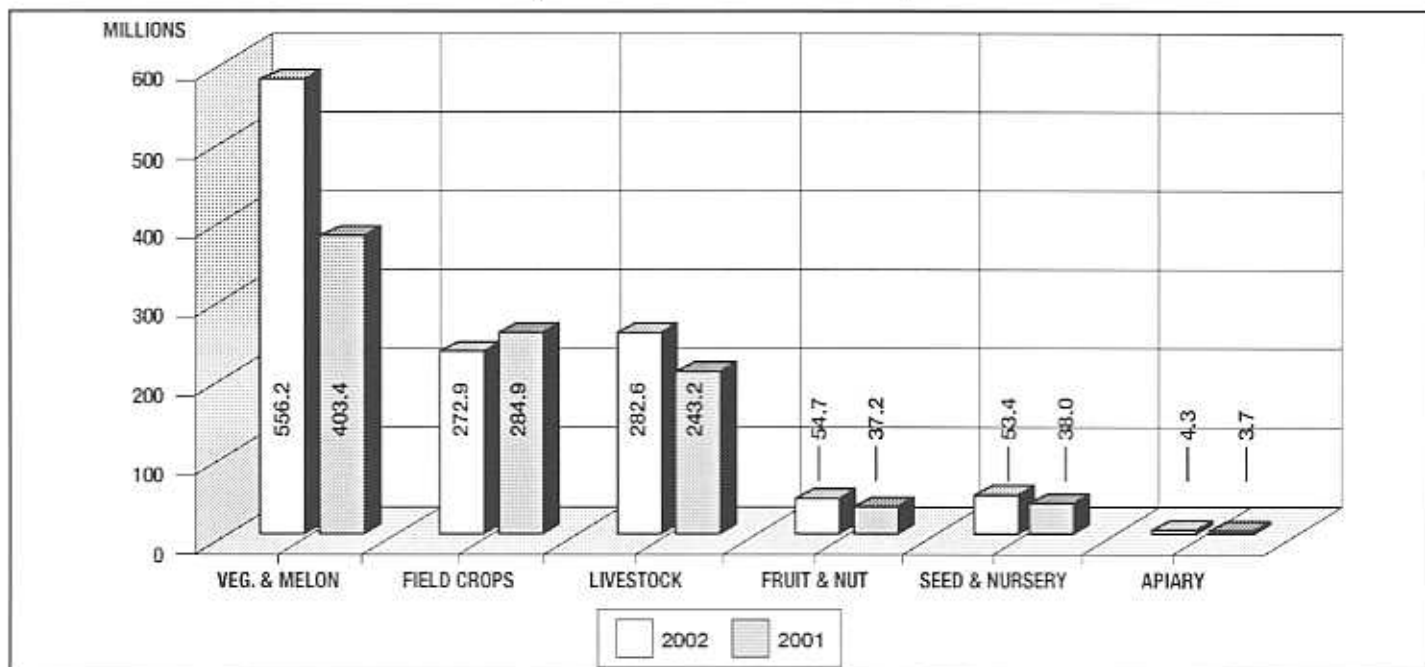
CROP	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	2002	50,375	45.45	2,289,543.75	LBS	0.34	3,068,000
	2001	48,245	51.75	2,496,678.75	LBS	0.61	1,523,000
WAX	2002	50,775	1.39	58,018.60	LBS	1.06	61,000
	2001	50,775	1.24	62,961.00	LBS	1.06	67,000
POLLINATION	2002	45,563			COL	26.66	1,215,000
	2001	77,320			COL	26.73	2,067,000
						VALUE 2002	4,344,000
						VALUE 2001	3,657,000

* UNITS MAY NOT TOTAL DUE TO ROUNDING

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS	2002	90,444	556,185,000
	2001	89,252	403,404,000
FIELD CROPS	2002	398,772	272,901,000
	2001	398,365	284,901,000
LIVESTOCK	2002		282,546,000
	2001		243,207,000
FRUIT & NUT CROPS	2002	6,967	54,688,000
	2001	6,427	37,184,000
SEED & NURSERY CROPS	2002	66,466	53,445,000
	2001	64,843	37,968,000
APIARY PRODUCTS	2002		4,344,000
	2001		3,657,000
TOTALS	2002	562,649	1,224,109,000
TOTALS	2001	558,887	1,010,321,000

*2001 Acreage Revision

GROSS VALUE 2002-2001 COMPARISON (Value = Millions of Dollars)



TOP FORTY CROPS

IMPERIAL COUNTY

2002 RANKING			2001 RANKING
1	CATTLE	\$215,638,000	1
2	LETTUCE	155,336,000	3
3	ALFALFA	137,074,000	2
4	LEAF LETTUCE	72,209,000	4
5	CARROTS	64,434,000	5
6	MISC. LIVESTOCK	55,033,000	6
7	SUGAR BEETS	41,005,000	8
8	POTATOES	38,322,000	16
9	BROCCOLI	38,116,000	11
10	CANTALOUPE	33,495,000	9
11	ONIONS	32,146,000	10
12	MISC. VEGETABLES	30,580,000	7
13	BERMUDAGRASS SEED	26,811,000	21
14	DATES	26,493,000	20
15	BERMUDAGRASS HAY	25,474,000	14
16	WHEAT	21,488,000	15
17	SALAD PRODUCTS	19,103,000	19
18	LEMONS	18,787,000	22
19	SUDANGRASS HAY	18,731,000	12
20	CAULIFLOWER	18,465,000	17
21	ASPARAGUS	14,785,000	13
22	CERTIFIED SEED	12,099,000	23
23	SWEET CORN	11,235,000	25
24	COTTON LINT	10,960,000	18
25	SPINACH	9,677,000	*
26	AQUATIC PRODUCTS	8,107,000	26
27	MISC. SEED & NURSERY	8,004,000	*
28	KLEINGRASS HAY	7,560,000	27
29	WATERMELONS	5,808,000	32
30	SPRING MIX	4,639,000	24
31	ALFALFA SEED	4,628,000	29
32	HONEYDEW & MISC. MELONS	4,545,000	31
33	SHEEP	3,700,000	28
34	BALED STRAW	3,722,000	38
35	CABBAGE	3,290,000	33
36	MISC. CITRUS	3,185,000	36
37	HONEY	3,068,000	*
38	GRAPEFRUIT	3,063,000	35
39	MISC. FIELD CROPS	2,828,000	37
40	PASTURE	2,655,000	34

* = NEW FOR 2002

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

Economic Impacts of Imperial County's Agricultural Production 2002

Impact On

IMPERIAL COUNTY

Commodities	Gross Value of Production 2002 \$1,000	Private Sales Multiplier	Personal Income Multiplier	Value Added Multiplier	Jobs Per Mil. Dollars Multiplier	Sales \$1,000	Personal Income \$1,000	Value Added \$1,000	Number of Jobs No.
Other Livestock & Products*	67,484	1.3967	0.2972	0.4488	22.3269	94,255	20,056	30,287	1,507
Cattle & Calves	215,638	1.5597	0.3154	0.4812	9.3136	336,331	68,012	103,765	2,008
Sheep, Lambs	3,768	1.5512	0.3197	0.4629	46.0381	5,845	1,205	1,744	173
Cotton	12,364	1.6021	0.3964	0.6762	16.7881	19,808	4,901	8,361	208
Food Grains	21,488	1.4985	0.2728	0.5617	18.1041	32,200	5,862	12,070	389
Hay & Pasture	195,216	1.4821	0.3643	0.6746	31.3199	289,330	71,117	131,693	6,114
Grass Seeds**	31,439	1.4	0.3087	0.6295	46.2412	44,015	9,705	19,791	1,454
Fruits & Tree Nuts	54,688	1.5987	0.4066	0.6252	21.0778	87,430	22,236	34,191	1,153
Vegetables & Melons	556,185	1.6649	0.4692	0.7574	20.7185	925,992	260,962	421,255	11,523
Sugar Crops	41,005	1.4904	0.3161	0.6876	16.2531	61,446	12,962	28,195	666
Misc. Crops***	16,830	1.7368	0.4272	0.6506	36.2975	29,230	7,190	10,950	611
Nursery Products	8,004	1.4799	0.4622	0.7668	16.0838	11,845	3,699	6,137	129
TOTAL	1,224,109					1,937,726	487,908	808,438	25,935

* 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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