



2000

**Imperial County
Agricultural
Crop & Livestock
Report**

*In cooperation with the
Imperial Irrigation District*



*** ECONOMIC IMPACTS OF IMPERIAL COUNTY'S AGRICULTURAL PRODUCTION 2000**

IMPACT ON

Commodities	Gross Value of Production \$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**	54,308	1.4769	0.3256	0.493	14.2332	80,207	17,683	26,774	773
Cattle & Calves	158,606	1.6953	0.3245	0.5518	10.5349	268,885	51,468	87,519	1,671
Sheep, Lambs	5,747	1.6947	0.3102	0.5108	40.4651	9,739	1,783	2,936	233
Cotton	10,988	1.5191	0.3621	0.6792	12.6413	16,692	3,979	7,463	139
Food Grains	22,636	1.4909	0.2555	0.6283	16.1537	33,748	5,783	14,222	366
Hay & Pasture	170,229	1.4606	0.2849	0.6353	25.4124	248,636	48,498	108,146	4,326
Grass Seeds***	28,922	1.3779	0.2459	0.5855	33.1133	39,852	7,112	16,934	958
Fruits & Tree Nuts	34,392	1.5253	0.3555	0.5839	15.7569	52,458	12,226	20,081	542
Vegetables & Melons	363,096	1.5268	0.4102	0.7219	15.0422	554,375	148,942	262,119	5,462
Sugar Crops	45,062	1.4394	0.2582	0.6832	14.4131	67,183	11,635	30,786	649
Misc. Crops****	23,530	1.5301	0.2937	0.5194	21.1130	36,003	6,911	12,221	497
Nursery Products	2,094	1.4178	0.4327	0.8391	12.4303	2,969	906	1,757	26
TOTAL	919,610					1,410,748	316,926	590,959	15,641

* 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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April 17, 2001

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


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 2000. 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 2000 was \$919,610,000. This is a 10.5 percent decrease from the revised 1999 value. Revisions were made to the 1999 seed and nursery crops section. The only increase in value was in apiary products (5.5%) which was a result of an increase in the number of hives used for honey and pollination. Fruit and nut crops and field crops remained fairly stable. Decreases in value occurred throughout the remaining categories: vegetable and melon crops (-20.7%), livestock (-1.9%), and seed and nursery crops (-9.5%). Livestock saw a decrease in the number of head slaughtered while the crop decreases were due in part to lower prices and yields. An acreage shift also occurred from the higher value vegetable crops (-15%) to the more stable field crops (5.7%).

As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$345 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

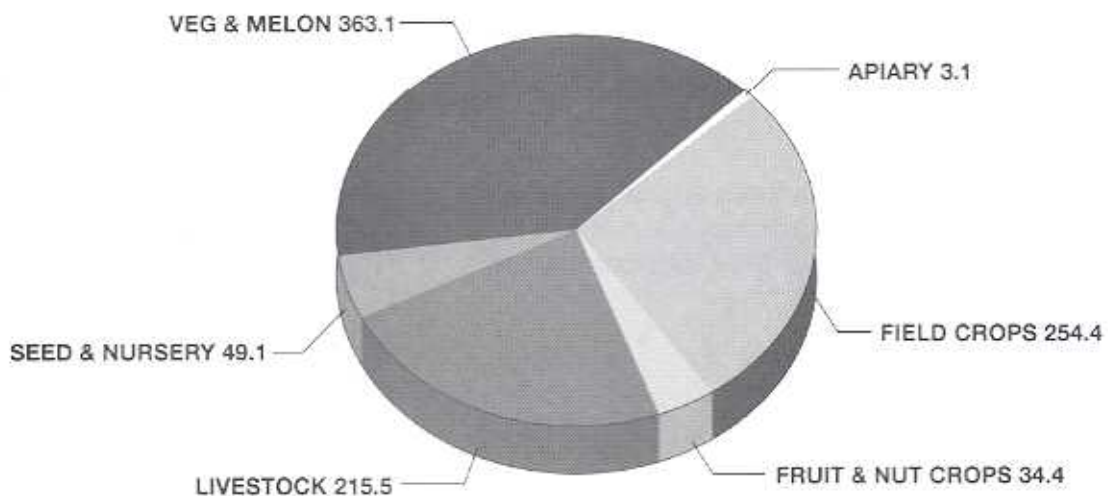
LIVESTOCK

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN*	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot).....	2000	306,537	7.92	2,427,773	CWT	65.33	158,606,000
	1999	324,571	8.03	2,606,665	CWT	64.03	166,910,000
SHEEP (Feeders).....	2000	183,500	0.40	73,400	CWT	77.42	5,683,000
	1999	245,000	0.46	112,700	CWT	67.20	7,573,000
WOOL.....	2000	183,500	2.89	530,315	LBS	0.12	64,000
	1999	254,800	4.34	1,105,832	LBS	0.34	376,000
AQUATIC PRODUCTS..... (Fish & Algae)	2000						7,938,000
	1999						7,752,000
MISC. LIVESTOCK..... (Dairy, Dairy Heifers, Swine, Cattle, Lambs, Goats, Rabbits & Poultry)	2000						43,224,000
	1999						36,998,000
						VALUE 2000	215,515,000
						VALUE 1999	219,609,000

* GAIN MAY NOT TOTAL DUE TO ROUNDING

2000 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).....	2000	182,451	8.10	1,477,853.10	TON	82.23	121,524,000
	1999	172,771	8.04	1,389,078.84	TON	85.39	118,613,000
BERMUDAGRASS HAY	2000	42,059	5.59	235,109.81	TON	77.33	18,181,000
	1999	31,731	4.84	153,578.04	TON	75.17	11,544,000
COTTON (Lint).....	2000	9,295	3.09 A	28,721.55	BALE	336.20 B	9,656,000
	1999	10,028	2.88 A	28,849.58	BALE	333.17 B	9,612,000
COTTON (Seed)	2000	9,295	1.24	11,525.80	TON	115.55	1,332,000
	1999	10,028	1.08	10,818.59	TON	140.00	1,515,000
PASTURE CROPS							
Alfaifa	2000	109,471	#		ACRE	24.00	2,627,000
	1999	103,663	#		ACRE	24.17	2,506,000
Bermudagrass	2000	16,824	#		ACRE	23.00	387,000
	1999	12,692	#		ACRE	22.73	288,000
Sudangrass	2000	13,761	#		ACRE	23.00	317,000
	1999	16,447	#		ACRE	22.73	374,000
Misc. Pasture.....	2000	4,444			ACRE	234.50	1,042,000
	1999	7,635			ACRE	150.12	1,146,000
TOTAL PASTURE	2000	144,500					4,373,000
	1999	140,437					4,314,000
BALED STRAW	2000			52,902.00	TON	25.00	1,323,000
	1999			51,000.60	TON	28.17	1,437,000
SUDANGRASS HAY	2000	55,045	4.90	269,720.50	TON	92.05	24,828,000
	1999	65,786	4.87	320,377.82	TON	80.75	25,871,000
SUGAR BEETS	2000	31,475	38.60	1,214,935.00	TON	37.09	45,062,000
	1999	33,386	40.70	1,358,810.20	TON	43.59	59,231,000
WHEAT	2000	55,504	3.17	175,947.68	TON	128.65	22,636,000
	1999	44,303	3.06	135,567.18	TON	117.98	15,994,000
MISC. FIELD CROPS	2000	13,799					5,442,000
	1999	10,512					9,210,000
TOTALS 2000		ACRES 389,628				VALUE	254,357,000
TOTALS 1999		ACRES 368,517				VALUE	257,341,000

* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD CROPS = Barley, Buffelgrass Hay, Field Corn, Kleingrass Hay, 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 AND MELON CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ASPARAGUS							
Harvested	2000	5,575	109	607,675	30 LB CTN	26.35	16,012,000
Harvested	1999	5,006	141	705,749	30 LB CTN	28.31	19,980,000
BROCCOLI (Market)							
	2000	11,349	404	4,584,996	26 LB CTN	6.70	30,719,000
	1999	13,603	428	5,825,792	26 LB CTN	6.13	35,712,000
CABBAGE (Market)							
	2000	908	689	625,612	45 LB CTN	3.93	2,459,000
	1999	1,389	522	724,612	45 LB CTN	4.13	2,993,000
CARROTS							
Market							
	2000	7,420	780	5,787,600	50 LB BAG	5.00	28,938,000
	1999	6,798	834	5,669,532	50 LB BAG	9.21	52,216,000
Processing & Other							
	2000	11,130	30.00	333,900	TON	80.00	26,712,000
	1999	10,197	33.62	342,823	TON	72.94	25,006,000
TOTAL CARROTS							
	2000	18,550					55,650,000
	1999	16,995					77,222,000
CAULIFLOWER (Market)							
	2000	3,943	512	2,018,816	23 LB CTN	7.98	16,110,000
	1999	4,353	559	2,435,410	23 LB CTN	7.84	19,094,000
SWEET CORN							
Fall & Spring	2000	5,921	238	1,409,198	50 LB CTN	5.87	8,272,000
	1999	6,790	289	1,965,366	50 LB CTN	7.84	15,408,000
HEAD LETTUCE							
Naked Pack & Bulk							
	2000	5,906	726	4,287,756	50 LB CTN	5.55	23,797,000
	1999	11,087	645	7,148,881	50 LB CTN	6.04	43,179,000
Wrap Pack							
	2000	8,860	670	5,936,200	40 LB CTN	7.10	42,147,000
	1999	9,072	604	5,481,567	40 LB CTN	8.31	45,552,000
Salad Products							
	2000			27,564,040	LB	0.47	12,955,000
	1999			29,457,610	LB	0.45	13,256,000
TOTAL HEAD LETTUCE ...							
	2000	14,766					78,899,000
	1999	20,159					101,987,000
LEAF LETTUCE							
	2000	7,688	895	6,880,760	35 LB CTN	6.05	41,629,000
	1999	10,498	833	8,745,930	35 LB CTN	5.52	48,278,000
SPRING MIX							
	2000	616	5,400	3,326,400	LB	1.00	3,326,000
	1999	1,531	5,000	7,655,000	LB	0.90	6,890,000

* 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	2000	5,526	777	4,293,702	50 LB SACK	4.31	18,506,000
	1999	6,042	825	4,986,321	50 LB SACK	5.25	26,178,000
Processor	2000	5,436	19.50	106,002	TON	94.15	9,980,000
	1999	5,524	20.68	114,236	TON	91.77	10,483,000
TOTAL ONIONS	2000	10,962					28,486,000
	1999	11,566					36,661,000
POTATOES							
	2000	2,109	245	516,705	CWT	13.00	6,717,000
	1999	3,159	246	776,135	CWT	13.00	10,090,000
TOMATOES							
Market	2000	547	1,668	912,396	25 LB CTN	5.75	5,246,000
	1999	433	1,571	680,333	25 LB CTN	5.00	3,402,000
Processor	2000	316	27	8,532	TON	85.00	725,000
	1999	1,591	41	65,390	TON	72.02	4,709,000
TOTAL TOMATOES	2000	863					5,971,000
	1999	2,024					8,111,000
MISC. VEGETABLES	2000	4,332					26,699,000
	1999	5,705					28,504,000
CANTALOUPE							
Spring	2000	11,318	419	4,742,242	40 LB CTN	5.92	28,074,000
	1999	12,792	384	4,917,041	40 LB CTN	5.95	29,256,000
Fall	2000	1,103	234	258,102	40 LB CTN	10.23	2,640,000
	1999	1,872	350	655,200	40 LB CTN	7.17	4,698,000
TOTAL CANTALOUPE	2000	12,421	403	5,000,344	40 LB CTN	6.14	30,714,000
	1999	14,664	380	5,572,241	40 LB CTN	6.20	33,954,000
HONEYDEW & MISC. MELONS							
Spring and Fall	2000	2,293	368	843,824	40 LB CTN	5.49	4,633,000
	1999	2,306	432	996,297	40 LB CTN	6.11	6,087,000
WATERMELONS	2000	1,254	30.00	37,620	TON	180.75	6,800,000
	1999	2,315	20.67	47,846	TON	149.30	7,143,000
TOTALS 2000	ACRES	103,550				VALUE	363,096,000
TOTALS 1999	ACRES	122,063				VALUE	458,114,000

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Collards, Eggplant, Endive, Garlic, Kale, Mustard Greens, Okra, Parsley, Parsnips, Peppers, Radishes, Rappini, Spinach, 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	2000	1,013	2.80	2,836.40	TON	4,700.00	13,331,000
Non-Bearing	2000	227					
Harvested	1999	1,029	3.05	3,138.45	TON	4,500.00	14,123,000
GRAPEFRUIT							
Harvested	2000	951	13.08	12,439.08	TON	329.98	4,105,000
Non-Bearing	2000	154					
Harvested	1999	797	15.54	12,385.38	TON	354.68	4,393,000
LEMONS							
Harvested	2000	2,605	6.05	15,760.25	TON	744.71	11,737,000
Non-Bearing	2000	1,865					
Harvested	1999	2,472	5.70	14,090.40	TON	642.09	9,047,000
ORANGES (VALENCIA)							
Harvested	2000	515	3.58	1,843.70	TON	714.71	1,318,000
Non-Bearing	2000	254					
Harvested	1999	643	5.74	3,690.82	TON	439.99	1,624,000
TANGERINES							
Harvested	2000	356	3.52	1,253.12	TON	631.20	791,000
Non-Bearing	2000	60					
Harvested	1999	341	9.95	3,392.95	TON	612.00	2,076,000
MISC. CITRUS, FRUIT & NUT CROPS							
Harvested	2000	519	6.16	3,197.04	TON	787.14	2,517,000
Non-Bearing	2000	152					
Harvested	1999	530	6.41	3,397.30	TON	871.70	2,961,000
CITRUS BY-PRODUCTS.....				11,773.24	TON	50.38	593,000
	1999			9,789.94	TON	52.97	519,000
TOTALS 2000		ACRES	5,959			VALUE	34,392,000
TOTALS 1999		ACRES	5,812			VALUE	34,743,000

* 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	2000	26,462	426	11,272,812	LBS	0.93	10,484,000
	1999	24,362	411	10,012,782	LBS	1.26	12,616,000
BERMUDAGRASS SEED	2000	29,383	424	12,458,392	LBS	1.48	18,438,000
	1999	23,448	477	11,184,696	LBS	1.24	13,869,000
ONION SEED	2000	3,812	282	1,074,984	LBS	5.89	6,332,000
	**1999	3,541	322	1,140,202	LBS	6.38	7,274,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS	2000	932					2,094,000
	1999	1,158					3,101,000
CERTIFIED SEED	2000	20,975					11,756,000
	**1999	23,114					17,390,000
TOTALS 2000.....	ACRES	81,564				VALUE	49,104,000
**TOTALS 1999.....	ACRES	75,623				VALUE	54,250,000

* 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, Grass, Rape, Sudangrass and Wheat.

** - Revised

APIARY PRODUCTS

CROP	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	2000	44,862	45.34	2,034,043.08	LBS	0.45	915,000
	1999	40,827	48.75	1,990,421.03	LBS	0.45	901,000
WAX.....	2000	51,112	1.11	56,734.32	LBS	1.15	65,000
	1999	44,577	1.21	53,872.17	LBS	1.28	69,000
POLLINATION.....	2000	83,365			COL	25.98	2,166,000
	1999	80,370			COL	25.02	2,011,000
						VALUE 2000	3,146,000
						VALUE 1999	2,981,000

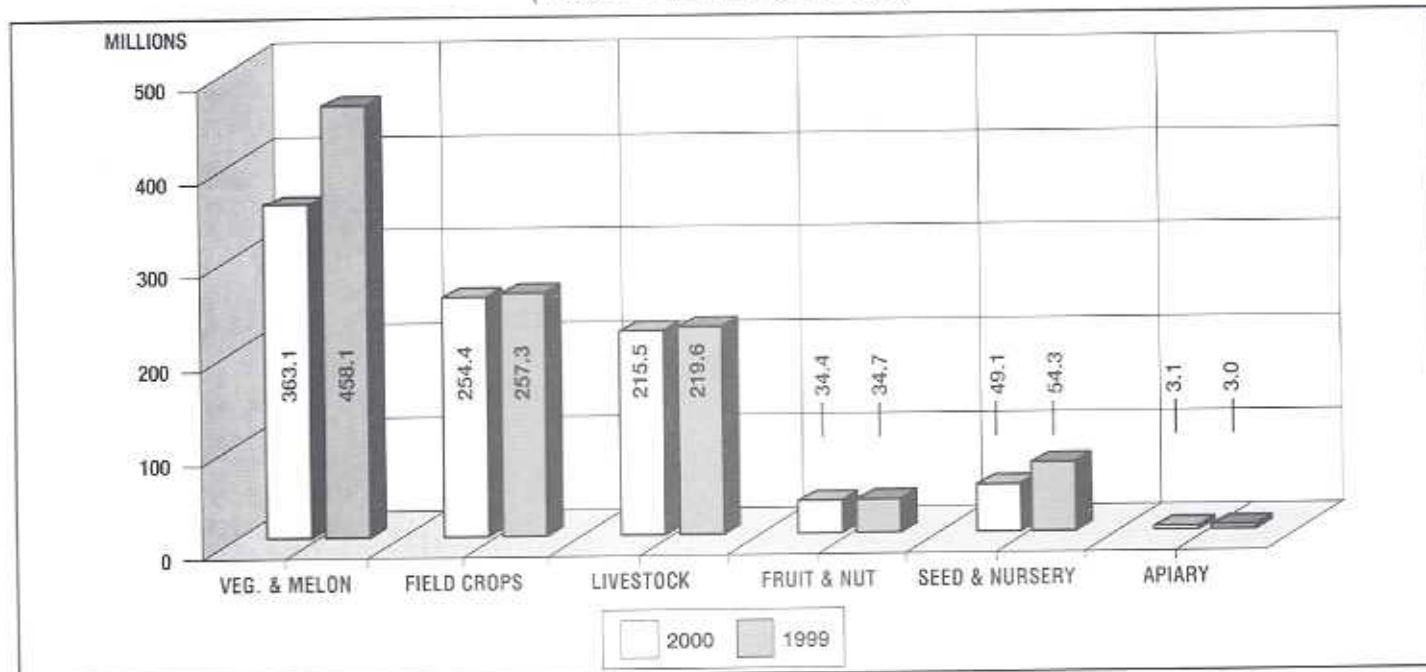
* UNITS MAY NOT TOTAL DUE TO ROUNDING

2000 SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS	2000	103,550	363,096,000
	1999	122,063	458,114,000
FIELD CROPS	2000	389,628	254,357,000
	1999	368,517	257,341,000
LIVESTOCK	2000		215,515,000
	1999		219,609,000
FRUIT & NUT CROPS	2000	5,959	34,392,000
	1999	5,812	34,743,000
SEED & NURSERY CROPS	2000	81,564	49,104,000
	**1999	75,623	54,250,000
APIARY PRODUCTS	2000		3,146,000
	1999		2,981,000
TOTALS	2000	580,701	919,610,000
TOTALS	1999	572,015	1,027,038,000

**-1999 Revised

GROSS VALUE 2000-1999 COMPARISON (Value = Millions of Dollars)



TOP FORTY CROPS

2000 RANKING			1999 RANKING
1	CATTLE	\$158,606,000	1
2	ALFALFA	121,524,000	2
3	LETTUCE	78,899,000	3
4	CARROTS	55,650,000	4
5	SUGAR BEETS	45,062,000	5
6	MISC. LIVESTOCK	43,224,000	7
7	LEAF LETTUCE	41,629,000	6
8	BROCCOLI	30,719,000	9
9	CANTALOUPE	30,714,000	11
10	ONIONS	28,486,000	8
11	MISC. VEGETABLES	26,699,000	12
12	SUDANGRASS HAY	24,828,000	13
13	WHEAT	22,636,000	16
14	BERMUDAGRASS SEED	18,438,000	19
15	BERMUDAGRASS HAY	18,181,000	21
16	CAULIFLOWER	16,110,000	15
17	ASPARAGUS	16,012,000	14
18	DATES	13,331,000	18
19	CERTIFIED SEED	11,756,000	10
20	LEMONS	11,737,000	25
21	ALFALFA SEED	10,484,000	20
22	COTTON LINT	9,656,000	23
23	SWEET CORN	8,272,000	17
24	AQUATIC PRODUCTS	7,938,000	28
25	WATERMELONS	6,800,000	30
26	POTATOES	6,717,000	22
27	ONION SEED	6,332,000	27
28	TOMATOES	5,971,000	26
29	SHEEP	5,683,000	29
30	MISC. FIELD CROPS	5,442,000	24
31	HONEYDEW & MISC. MELONS	4,633,000	32
32	PASTURE	4,373,000	34
33	GRAPEFRUIT	4,105,000	33
34	SPRING MIX	3,326,000	31
35	MISC. CITRUS	2,517,000	37
36	CABBAGE	2,459,000	36
37	POLLINATION	2,166,000	39
38	MISC. SEED & NURSERY	2,094,000	35
39	COTTON SEED	1,332,000	*
40	BALED STRAW	1,323,000	*

* = NEW FOR 2000

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

Stephen L. Birdsall
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