

2004

Agricultural Crop & Livestock Report



Imperial

County



*In cooperation with the
Imperial Irrigation District*

ECONOMIC IMPACTS OF IMPERIAL COUNTY'S AGRICULTURAL PRODUCTION 2004

IMPACT ON

COMMODITIES	Gross Value of Production \$1,000	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	61,766	1.5328	0.2557	0.4237	15.1812	94,675	15,794	26,170	938
Cattle & Calves	259,116	1.5401	0.2927	0.463	15.0216	399,065	75,843	119,971	3,892
Sheep, Lambs	6,261	1.5844	0.3293	0.4877	46.455	9,920	2,062	3,053	291
Cotton	16,993	1.6567	0.4101	0.718	17.3963	28,152	6,969	12,201	296
Food Grains	21,844	1.5463	0.2808	0.6048	18.5305	33,777	6,134	13,211	405
Hay & Pasture	169,645	1.5274	0.3746	0.7094	36.7969	259,116	63,549	120,346	6,242
Grass Seeds	16,989	1.4061	0.3149	0.6453	46.6367	23,888	5,350	10,963	792
Fruits & Tree Nuts	55,695	1.6445	0.4225	0.6589	21.7353	91,590	23,531	36,697	1,211
Vegetables & Melons	505,254	1.7061	0.4831	0.7911	21.36	862,014	244,088	399,706	10,792
Sugar Crops	44,925	1.5411	0.3269	0.7251	16.7247	69,468	14,686	32,575	751
Misc. Crops	21,433	1.7831	0.4436	0.6863	36.9036	38,217	9,508	14,709	791
Nursery Products	7,333	1.5302	0.4832	0.821	17.0156	11,221	3,543	6,020	125
TOTAL	1,187,254					1,921,103	471,056	795,625	26,526

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International Harvester Seed Broadcaster & Wagon Wheel
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Miguel A. Monroy
Assistant Agricultural Commissioner
Director of Weights and Measures

AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

July 26, 2005

TO: A. G. Kawamura, Secretary
Department of Food and Agriculture
and
The Honorable Board of Supervisors,
County of Imperial
Wally Leimgruber, Chairperson
Victor M. Carrillo Larry Grogen
Gary Wyatt Joe Maruca

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2004 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 2004 was \$1,187,254,000. This is a 10.6 percentage increase from the 2003 gross value. Increases in value were realized in Vegetable and Melon Crops 14.07%, Field Crops 4.4%, Livestock 6.86%, Fruit and Nut crops 57.29% and Seed & Nursery Crops 4.05%. Increases in value were a result of increased acreage in vegetable crops and increased livestock numbers plus improved prices. The only decrease was in Apiary products (38.32%). Decreases in yield and price were the main factors for the reduction.

As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$397 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

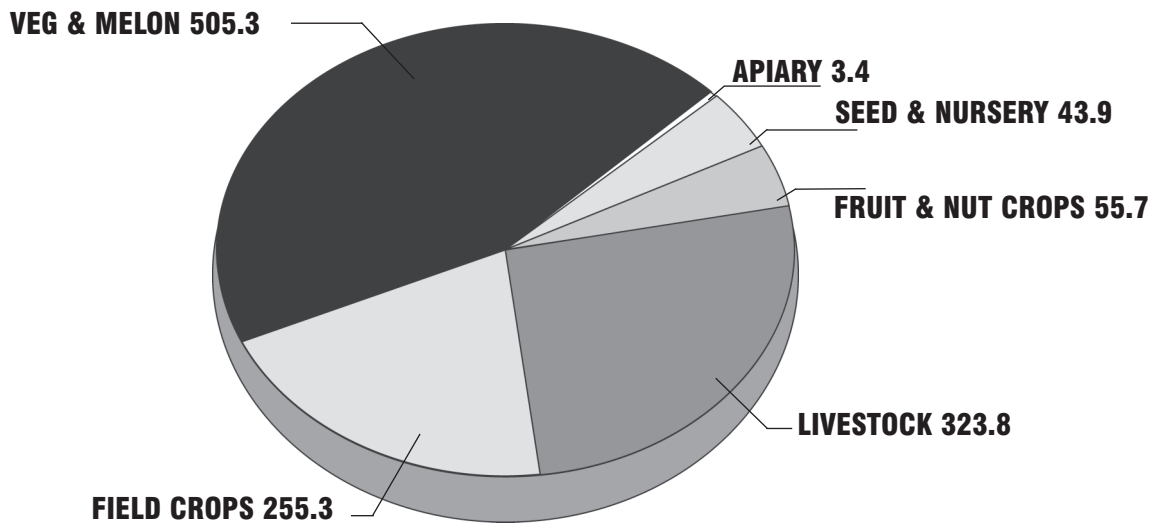
Imperial County

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN*	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot).....	2004	360,486	8.85	3,190,301	CWT	81.22	259,116,000
	2003	351,403	8.79	3,088,832	CWT	77.15	238,303,000
SHEEP (Feeders).....	2004	185,000	0.30	55,500	CWT	107.00	5,939,000
	2003	200,000	0.35	70,000	CWT	101.25	7,088,000
WOOL	2004	185,000	3.00	555,000	LBS	0.58	322,000
	2003	200,000	3.18	636,000	LBS	0.36	229,000
AQUATIC PRODUCTS.... (Fish & Algae)	2004						10,236,000
	2003						14,549,000
MISC. LIVESTOCK (Calves, Cattle, Cavies, Dairy, Daily Heifers, Goats, Lambs, Poultry, Rabbits & Swine)	2004						48,169,000
	2003						42,833,000
VALUE 2004							323,782,000
VALUE 2003							303,002,000

*GAIN MAY NOT TOTAL DUE TO ROUNDING

2004 AGRICULTURAL PRODUCTION GROSS VALUE

(VALUE = MILLIONS OF DOLLARS)



AGRICULTURAL PRODUCTION

<u>CROP</u>	<u>YEAR</u>	<u>ACRES</u>	<u>YIELD PER ACRE</u>	<u>TOTAL UNITS*</u>	<u>UNIT</u>	<u>VALUE PER UNIT</u>	<u>GROSS VALUE</u>
ALFALFA HAY (Baled).....	2004	138,717	7.42	1,029,280.14	TON	96.30	99,120,000
	2003	159,482	7.33	1,169,003.06	TON	83.03	97,062,000
BERMUDAGRASS HAY	2004	60,623	5.75	348,582.25	TON	76.69	26,733,000
	2003	64,675	5.32	344,071.00	TON	79.54	27,367,000
COTTON (Lint).....	2004	13,130	2.89 A	37,945.70	BALE	395.50 B	15,008.00
	2003	6,215	3.02 A	18,769.30	BALE	383.48 B	7,198.00
COTTON (Seed)	2004	13,130	1.08	14,184.00	TON	140.00	1,985,000
	2003	6,215	1.22	7,582.30	TON	134.87	1,023,000
KLEINGRASS HAY	2004	14,331	10.07	144,313.17	TON	81.46	11,756,000
	2003	13,327	8.78	117,011.06	TON	90.09	10,542,000
PASTURE CROPS							
Alfalfa	2004	63,810	#		ACRE	26.70	1,704,000
	2003	65,388	#		ACRE	18.29	1,196,000
Bermudagrass	2004	6,062	#		ACRE	23.55	143,000
	2003	6,468	#		ACRE	23.15	150,000
Sudangrass	2004	16,775	#		ACRE	23.55	395,000
	2003	9,070	#		ACRE	23.15	210,000
Misc Pasture	2004	3,778			ACRE	227.06	858,000
	2003	3,116			ACRE	212.00	661,000
TOTAL PASTURE	2004	90,425					3,100,000
	2003	84,042					2,217,000
BALED STRAW	2004			89,816.00	TON	29.47	2,647,000
	2003			82,855.00	TON	31.21	2,586,000
SUDANGRASS HAY	2004	55,917	4.31	241,002.27	TON	109.08	26,289,000
	2003	30,234	4.56	137,867.04	TON	97.34	13,420,000
SUGAR BEETS	2004	26,107	43.16	1,126,778.12	TON	39.87	44,925,000
	2003	25,617	42.41	1,086,416.97	TON	42.82	46,520,000
WHEAT	2004	54,908	2.84	155,938.72	TON	140.08	21,844,000
	2003	66,034	3.39	223,855.26	TON	148.53	33,249,000
MISC.FIELD CROPS	2004	6,284					1,892,000
	2003	10,708					3,344,000
TOTALS 2004	ACRES	370,017				VALUE	255,299,000
TOTALS 2003	ACRES	376,292				VALUE	244,528,000

* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC.FIELD CROPS = Bamboo, Barley Grain, Field Corn, Flax, Mixed Grasses, Lemongrass, Oat Hay, Ryegrass Hay, Sorghum Silage, Sugar Cane.

MISC. PASTURE = Melons, Permanent Pasture, Ryegrass 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

Imperial County

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ASPARAGUS							
Harvested.....	2004	1,812	240	434,880	30 LB CTN	32.11	13,964,000
	2003	2,522	140	353,080	30 LB CTN	28.42	10,035,000
BROCCOLI (Market).....							
	2004	10,259	664	6,811,976	26 LB CTN	7.34	50,000,000
	2003	9,929	502	4,984,358	26 LB CTN	6.29	31,352,000
CABBAGE (Market).....							
	2004	1,306	1,025	1,338,650	45 LB CTN	4.98	6,666,000
	2003	1,245	593	738,285	45 LB CTN	5.17	3,817,000
CARROTS							
Market.....	2004	7,271	715	5,198,765	50 LB BAG	7.65	39,771,000
	2003	6,520	713	4,648,760	50 LB BAG	8.68	40,351,000
Processing & Other....	2004	10,801	37.12	400,933	TON	46.27	18,551,000
	2003	9,781	25.32	247,655	TON	80.00	19,812,000
TOTAL CARROTS	2004	18,072					58,322,000
	2003	16,301					60,163,000
CAULIFLOWER (Market)							
	2004	3,001	615	1,845,615	23 LB CTN	8.07	14,894,000
	2003	3,192	554	1,768,368	23 LB CTN	7.62	13,475,000
SWEET CORN							
Fall & Spring	2004	5,565	384	2,136,960	50 LB CTN	7.17	15,322,000
	2003	5,865	373	2,187,645	50 LB CTN	8.29	18,136,000
HEAD LETTUCE							
Naked Pack	2004			1,639,824	50 LB CTN	5.92	9,708,000
	2003			1,376,896	50 LB CTN	5.73	7,890,000
Wrap Pack	2004			7,830,402	40 LB CTN	8.51	66,637,000
	2003			5,507,585	40 LB CTN	8.08	44,501,000
Bulk	2004			2,979,050	50 LB CTN	3.63**	10,814,000
	2003			1,929,693	50 LB CTN	3.60**	6,947,000
TOTAL HEAD LETTUCE	2004	16,586		12,449,276	CTN	7.05	87,159,000
	2003	14,343		8,814,174	CTN	6.73	59,338,000
LEAF LETTUCE							
	2004	11,856	913	10,824,528	35 LB CTN	7.35	79,560,000
	2003	9,648	936	9,030,528	35 LB CTN	7.96	71,883,000
SALAD PRODUCTS							
	2004			40,447,571	LB	0.39	15,775,000
	2003			35,746,459	LB	0.39	13,941,000
SPRING MIX							
	2004	1,870	5,400	10,098,000	LB	1.05	10,603,000
	2003	789	5,400	4,260,600	LB	0.75	3,195,000

* UNITS MAY NOT TOTAL DUE TO ROUNDING

** NET OF HARVEST, BINS and COOLING

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

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
ONIONS							
Market	2004	5,110	873	4,461,030	50 LB SACK	5.57	24,848,000
	2003	5,292	808	4,275,936	50 LB SACK	11.50	49,173,000
Processor	2004	5,477	17.68	96,833	TON	95.70	9,267,000
	2003	4,785	19.12	91,489	TON	96.27	8,808,000
TOTAL ONIONS	2004	10,587					34,115,000
	2003	10,077					57,981,000
POTATOES	2004	1,764	245	432,180	CWT	13.85	5,986,000
	2003	1,829	290	530,410	CWT	15.42	8,179,000
SPINACH	2004	2,114	8,150	17,229,100	LB	0.85	14,645,000
	2003	1,612	8,000	12,896,000	LB	0.50	6,448,000
MISC. VEGETABLES	2004	6,406					40,577,000
	2003	4,624					28,932,000
CANTALOUPE							
Spring	2004	8,594	849	7,296,306	40 LB CTN	4.98	36,336,000
	2003	8,656	530	4,587,680	40 LB CTN	7.21	33,077,000
Fall	2004	620	175	108,500	40 LB CTN	7.90	857,000
	2003	1,386	452	626,472	40 LB CTN	8.00	5,012,000
TOTAL CANTALOUPE	2004	9,214	804	7,404,806	40 LB CTN	5.02	37,193,000
	2003	10,042	519	5,214,152	40 LB CTN	7.30	38,089,000
HONEYDEW & MISC. MELONS							
Spring and Fall	2004	1,380	803	1,108,140	40 LB CTN	5.51	6,106,000
	2003	1,466	834	1,222,644	40 LB CTN	8.50	10,392,000
WATERMELONS	2004	2,384	25.11	59,862	TON	240.00	14,367,000
	2003	1,118	28.22	31,550	TON	240.00	7,572,000
TOTALS 2004	ACRES	104,176				VALUE	505,254,000
TOTALS 2003	ACRES	94,602				VALUE	442,928,000

* UNITS MAY NOT TOTAL DUE TO ROUNDING

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

FRUIT AND NUTS

Imperial County

<u>CROP</u>	<u>YEAR</u>	<u>ACRES</u>	<u>YIELD PER ACRE</u>	<u>TOTAL UNITS*</u>	<u>UNIT</u>	<u>VALUE PER UNIT</u>	<u>GROSS VALUE</u>
DATES							
Harvested	2004	633	5.56	3,519.48	TON	4,946.70	17,410,000
Non-Bearing	2004	197					
Harvested	2003	1,136	3.29	3,737.44	TON	4,995.00	18,669,000
GRAPEFRUIT							
Harvested	2004	821	9.17	7,528.57	TON	485.29	3,654,000
Non-Bearing	2004						
Harvested	2003	638	12.87	8,211.06	TON	397.29	3,262,000
LEMONS							
Harvested	2004	3,519	10.55	37,125.45	TON	706.52	26,230,000
Non-Bearing	2004	118					
Harvested	2003	3,575	7.32	26,169.00	TON	282.62	7,396,000
ORANGES (Valencia)							
Harvested	2004	430	5.91	2,541.30	TON	213.16	542,000
Non-Bearing	2004	78					
Harvested	2003	726	5.85	4,247.10	TON	261.58	1,111,000
TANGERINES							
Harvested	2004	329	6.31	2,075.99	TON	544.10	1,130,000
Non-Bearing	2004	343					
Harvested	2003	328	7.00	2,296.00	TON	444.80	1,021,000
MISC, CITRUS, FRUIT & NUT CROP							
Harvested	2004	688	8.13	5,593.44	TON	1,033.10	5,779,000
Non-Bearing	2004	157					
Harvested	2003	572	5.92	3,386.24	TON	911.40	3,086,000
CITRUS BY-PRODUCTS							
	2004			19,869.88	TON	47.79	950,000
	2003			20,774.62	TON	41.66	865,000
TOTALS 2004	ACRES	6,420				VALUE	55,695,000
TOTALS 2003	ACRES	6,975				VALUE	35,410,000

* UNITS MAY NOT TOTAL DUE TO ROUNDING
 MISC. CITRUS = Tangelos, 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	2004	17,254	312	5,383,248	LBS	1.24	6,675,000
	2003	15,882	360	5,717,520	LBS	0.92	5,260,000
BERMUDAGRASS SEED ..	2004	21,104	328	6,922,112	LBS	1.49	10,314,000
	2003	25,089	327	8,204,103	LBS	1.58	12,962,000
ONION SEED	2004	600	436	261,600	LBS	11.05	2,891,000
	2003	638	314	200,332	LBS	10.07	2,017,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS...	2004	2,108					7,333,000
	2003	3,110					10,052,000
CERTIFIED SEED	2004	22,274					16,650,000
	2003	19,533					11,865,000
TOTALS 2004	ACRES	63,340				VALUE	43,863,000
TOTALS 2003	ACRES	64,252				VALUE	42,156,000

* UNITS MAY NOT TOTAL DUE TO ROUNDING
 MISC FIELD, VEGETABLE AND FLOWER SEED CROPS AND NURSERY PRODUCTS = Artichoke, Asparagus, Broccoli, Canola, Carrots, Cauliflower, Celery, Cut Flowers, Herbs, Safflower, Mixed Vegetable, Palm Trees.
 CERTIFIED SEED = Alfalfa, Artichoke, Barley, Bean, Bermudagrass, Flax, Grass, Rape, Sudangrass and Wheat.

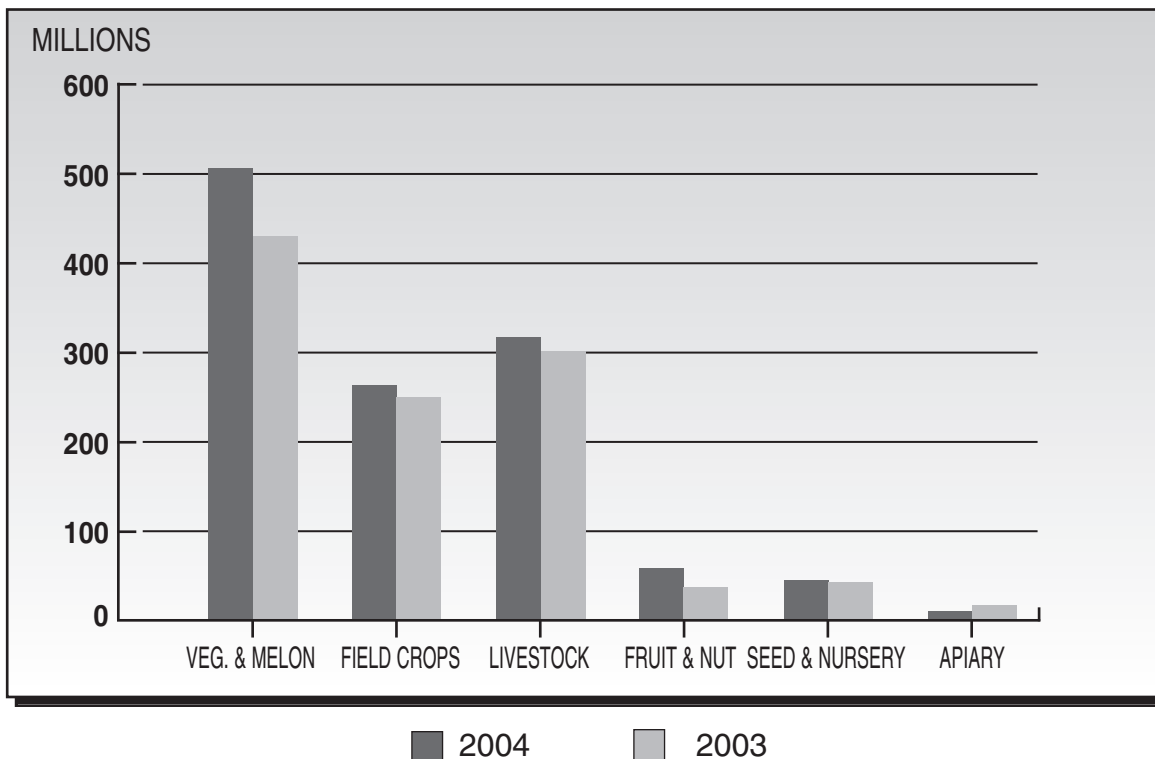
APIARY PRODUCTS

CROP	YEAR	ACRES	UNITS PER ACRE	TOTAL UNITS*	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	2004	51,009	34.20	1,744,507.80	LBS	0.69	1,204,000
	2003	49,659	56.88	2,824,603.92	LBS	1.39	3,926,000
WAX	2004	35,612	1.10	39,173.20	LBS	1.22	48,000
	2003	43,434	1.91	82,958.94	LBS	1.18	98,000
POLLINATION	2004	71,215			COL	29.61	2,109,000
	2003	53,722			COL	26.53	1,425,000
						VALUE	3,361,000
						VALUE	5,449,000

* UNITS MAY NOT TOTAL DUE TO ROUNDING

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS	2004	104,176	505,254,000
	2003	94,602	442,928,000
FIELD CROPS	2004	370,017	255,299,000
	2003	376,292	244,528,000
LIVESTOCK	2004		323,782,000
	2003		303,002,000
FRUIT & NUT CROPS	2004	6,420	55,695,000
	2003	6,975	35,410,000
SEED & NURSERY CROPS	2004	63,340	43,863,000
	2003	64,252	42,156,000
APIARY PRODUCTS	2004		3,361,000
	2003		5,449,000
TOTALS	2004	543,953	1,187,254,000
TOTALS	2003	542,121	1,073,473,000

GROSS VALUE 2004-2003 COMPARISON (VALUE = MILLIONS OF DOLLARS)



2004 RANKING**2003 RANKING**

1	CATTLE	\$259,116,000	1
2	ALFALFA	\$99,120,000	2
3	LETTUCE	\$87,159,000	5
4	LEAF LETTUCE	\$79,560,000	3
5	CARROTS	\$58,322,000	4
6	BROCCOLI	\$50,000,000	11
7	MISC. LIVESTOCK	\$48,169,000	8
8	SUGAR BEETS	\$44,925,000	7
9	MISC. VEGETABLES	\$40,577,000	12
10	CANTALOUPE	\$37,193,000	9
11	ONIONS	\$34,115,000	6
12	BERMUDAGRASS HAY	\$26,733,000	13
13	SUDANGRASS HAY	\$26,289,000	19
14	LEMONS	\$26,230,000	28
15	WHEAT	\$21,844,000	10
16	DATES	\$17,410,000	14
17	CERTIFIED SEED	\$16,650,000	21
18	SALAD PRODUCTS	\$15,775,000	17
19	SWEET CORN	\$15,322,000	15
20	COTTON LINT	\$15,008,000	29
21	CAULIFLOWER	\$14,894,000	18
22	SPINACH	\$14,645,000	31
23	WATERMELONS	\$14,367,000	27
24	ASPARAGUS	\$13,964,000	25
25	KLEINGRASS HAY	\$11,756,000	22
26	SPRING MIX	\$10,603,000	37
27	BERMUDAGRASS SEED	\$10,314,000	20
28	AQUATIC PRODUCTS	\$10,236,000	16
29	MISC. SEED & NURSERY	\$7,333,000	24
30	ALFALFA SEED	\$6,675,000	32
31	CABBAGE	\$6,666,000	34
32	HONEYDEW & MISC. MELONS	\$6,106,000	23
33	POTATOES	\$5,986,000	26
34	SHEEP	\$5,939,000	30
35	MISC. CITRUS	\$5,779,000	38
36	GRAPEFRUIT	\$3,654,000	36
37	PASTURE	\$3,100,000	40
38	ONION SEED	\$2,891,000	*
39	BALED STRAW	\$2,647,000	39
40	POLLINATION	\$2,109,000	*

* NEW FOR 2004

Stephen L. Birdsall

Office Of Agricultural Commissioner

Sealer Of Weights and Measures

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