



IMPERIAL COUNTY



2008 Agricultural Crop and Livestock Report



Stephen L. Birdsall
Agricultural Commissioner
Director of Weights and Measures

**AGRICULTURAL COMMISSIONER
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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
Jack Terrazas
Michael W. Kelley
Gary Wyatt

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2008 Annual Agricultural Crop and Livestock Report for the centennial year for Imperial County Agriculture. 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.** Also included is a report on the activities for sustainable agriculture as specified in section 2272 of the aforementioned code.

The total gross agricultural production value in 2008 increased to \$1,684,522,000. Values in all the commodity groups either increased or remained relatively stable. Field Crops posted the largest gain at 56.31% largely as the result of a significant increase in wheat acreage and price. Wheat ranking jumped from 14th to 3rd. Seed & Nursery Crops improved by 54.42% and also benefited from increased acreage and prices. Pollination demands and improved honey prices boosted Apiary Products up by 20.17%. An overall increase in acreage, yield and price contributed to the 17.34% gain in Vegetable and Melon Crops. Fruit & Nut crops increased 16.12% due mostly to favorable prices. Livestock remained relatively stable.

I wish to thank the many producers, agricultural business representatives, and public agencies that have cooperated in providing the information required for the compilation of this report.

Sincerely,



Stephen L. Birdsall
Agricultural Commissioner



IMPERIAL COUNTY

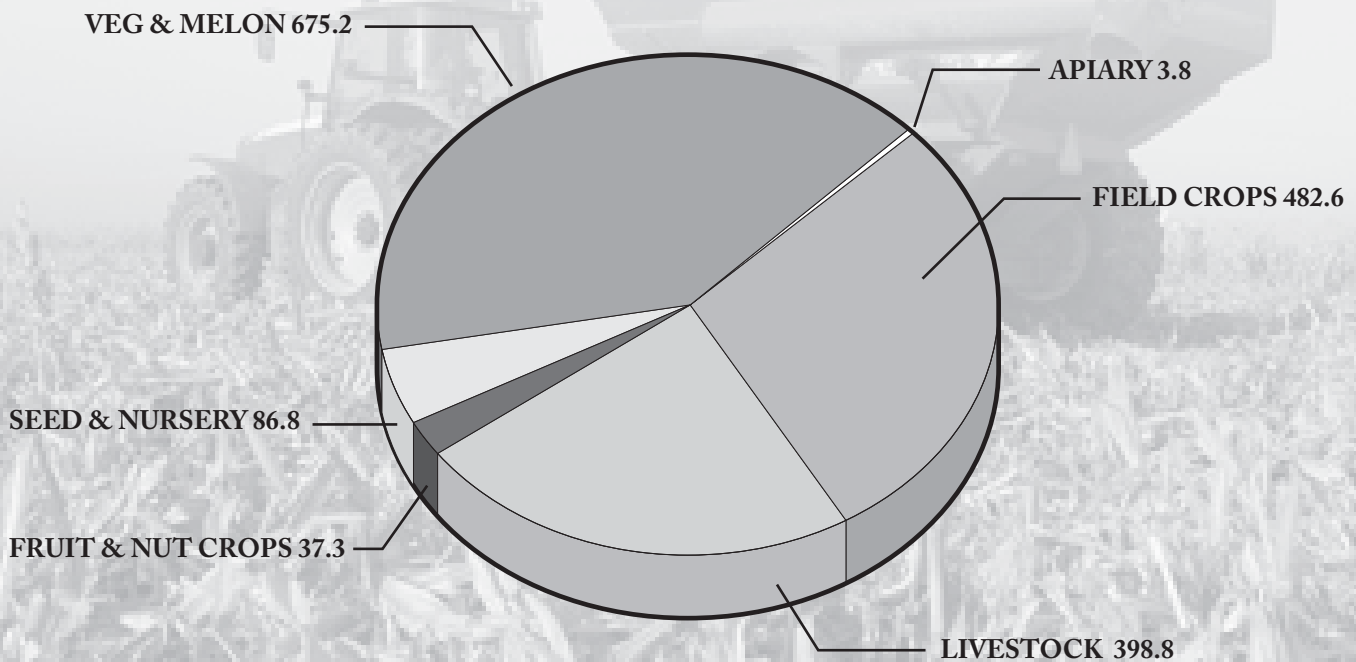
2008 Summary

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS	2008	116,583	675,242,000
	2007*	103,892	575,454,000
FIELD CROPS	2008	412,335	482,588,000
	2007	352,156	308,745,000
LIVESTOCK	2008		398,789,000
	2007		410,883,000
FRUIT & NUT CROPS	2008	5,665	37,342,000
	2007	5,812	32,158,000
SEED & NURSERY CROPS	2008	64,457	86,789,000
	2007	61,561	56,205,000
APIARY PRODUCTS	2008		3,772,000
	2007		3,139,000
TOTALS	2008	599,040	1,684,522,000
	2007*	523,421	1,386,584,000

*REVISED

2008 Agricultural Production Gross Value

(VALUE = MILLIONS OF DOLLARS)



AGRICULTURAL PRODUCTION

2008 Summary



IMPERIAL COUNTY

Livestock

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)	2008	375,403	9.44	3,543,804	CWT	88.88	315,151,000
	2007	400,385	9.67	3,871,723	CWT	86.21	333,781,000
SHEEP (Feeders)	2008	150,000	0.45	67,500	CWT	95.00	6,413,000
	2007	180,000	0.45	81,000	CWT	98.75	7,999,000
WOOL	2008	150,000	3.13	469,500	LBS	0.69	324,000
	2007	180,000	3.00	540,000	LBS	0.86	464,000
AQUATIC PRODUCTS (Fish & Algae)	2008						10,258,000
	2007						10,949,000
MISC. LIVESTOCK (Calves, Cattle, Cavies, Dairy Animals, Goats, Lambs, Milk, Poultry, Rabbits & Swine)	2008						66,643,000
	2007						57,690,000
					VALUE 2008		398,789,000
					VALUE 2007		410,883,000
NUMBERS MAY NOT COMPUTE DUE TO ROUNDING							



Livestock

Field Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA HAY (Baled)	2008	119,243	6.48	772,694.64	TON	193.02	149,146,000
	2007	115,953	6.70	776,885.10	TON	146.55	113,853,000
BERMUDAGRASS HAY	2008	54,442	5.26	286,364.92	TON	164.50	47,107,000
	2007	61,754	5.38	332,236.52	TON	112.67	37,433,000
COTTON (Lint)	2008	2,478	3.87 A	9,589.86	BALE	317.10 B	3,041,000
	2007	4,047	3.43 A	13,881.21	BALE	372.12 B	5,165,000
COTTON (Seed)	2008			3,588.00	TON	175.25	625,000
	2007			7,770.24	TON	220.80	1,716,000
KLEINGRASS HAY	2008	14,889	11.72	174,499.08	TON	163.00	28,443,000
	2007	15,855	9.80	155,379.00	TON	125.50	19,500,000
PASTURE CROPS	2008	86,693	#		ACRE	37.05	3,212,000
	2007	87,157	#		ACRE	38.83	3,384,000
BALED STRAW	2008			112,422.00	TON	72.31	8,129,000
	2007			73,149.00	TON	59.40	4,345,000
SUDANGRASS HAY	2008	68,536	5.67	388,599.12	TON	172.79	67,146,000
	2007	71,323	5.75	410,107.25	TON	119.64	49,065,000
SUGAR BEETS	2008	23,773	38.05	904,562.65	TON	45.59	41,239,000
	2007	23,762	37.01	879,431.62	TON	44.45	39,091,000
WHEAT	2008	116,650	3.57	416,440.50	TON	309.27	128,793,000
	2007	47,245	3.44	162,522.80	TON	180.92	29,404,000
MISC. FIELD CROPS	2008	12,324					5,707,000
	2007	12,217					5,789,000
TOTALS	2008	ACRES	412,335		VALUE		482,588,000
TOTALS	2007	ACRES	352,156		VALUE		308,745,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

MISC. FIELD CROPS = Aliciagrass, Bamboo, Barley Grain, Field Corn, Corn Silage, Flax, Mixed Grasses, Oat Hay, Ryegrass Hay, Safflower, Sorghum Grain, Sorghum Silage, Sod, Soybeans, Sugar Cane, Wild Rice.

PASTURE = Alfalfa, Bermudagrass, Melons, Permanent Pasture, Ryegrass, Sudangrass and Sweet Corn

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

A = 500 lb. Bales

B = Includes Government Payment

Vegetable & Fruit

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ASPARAGUS	2008	373	167	62,291	30 LB CTN	34.15	2,127,000
	2007	513	150	76,950	30 LB CTN	34.00	2,616,000
BROCCOLI (Market)	2008	12,679	660	8,368,140	26 LB CTN	8.73	73,054,000
	2007	12,127	658	7,979,566	26 LB CTN	7.68	61,283,000
CABBAGE (Market)	2008	1,336	715	955,240	45 LB CTN	6.78	6,477,000
	2007	1,495	822	1,228,890	45 LB CTN	5.65	6,943,000
CARROTS (Market)	2008	6,202	860	5,333,720	50 LB BAG	8.05	42,936,000
	2007	5,520	785	4,333,200	50 LB BAG	6.55	28,382,000
Processing & Other	2008	9,302	32.51	302,408	TON	80.00	24,193,000
	2007	8,280	32.12	265,954	TON	80.00	21,276,000
TOTAL CARROTS	2008	15,504					67,129,000
	2007	13,800					49,658,000
CAULIFLOWER (Market)	2008	3,317	747	2,477,799	23 LB CTN	9.61	23,812,000
	2007	3,090	730	2,255,700	23 LB CTN	10.23	23,076,000
SWEET CORN	2008	6,345	365	2,315,925	50 LB CTN	11.30	26,170,000
	2007	7,252	371	2,690,492	50 LB CTN	8.28	22,277,000
HEAD LETTUCE Naked Pack	2008			1,261,587	50 LB CTN	6.73	8,490,000
	2007			743,451**	50 LB CTN	7.62	5,665,000
Wrap Pack	2008			9,882,432	40 LB CTN	8.86	87,558,000
	2007			7,260,186**	40 LB CTN	8.45	61,349,000
Bulk	2008			6,911,745	50 LB CTN	3.62*	25,021,000
	2007			6,418,718**	50 LB CTN	4.00*	25,675,000
TOTAL HEAD LETTUCE	2008	23,730		18,055,764	CTN	6.71	121,069,000
	** 2007	19,104		14,422,355	CTN	6.43	92,689,000
LEAF LETTUCE	2008	12,702	964	12,244,728	35 LB CTN	8.63	105,672,000
	2007	13,871	784	10,874,864	35 LB CTN	9.27	100,810,000
SALAD PRODUCTS	2008			32,758,344	LB	0.39	12,776,000
	2007			45,663,554	LB	0.39	17,809,000
SPRING MIX	2008	6,306	7,000	44,142,000	LB	0.85	37,521,000
	2007	2,600	7,000	18,200,000	LB	0.85	15,470,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

*NET OF HARVEST, BINS and COOLING

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

**REVISED

Vegetable & Fruit

Melon Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ONIONS Market	2008	4,010	1,275	5,112,750	50 LB SACK	4.75	24,286,000
	2007	4,406	1,256	5,533,936	50 LB SACK	5.05	27,946,000
Processor	2008	6,495	21.00	136,395	TON	113.10	15,426,000
	2007	5,666	19.98	113,207	TON	102.96	11,656,000
TOTAL ONIONS	2008	10,505					39,712,000
	2007	10,072					39,602,000
POTATOES	2008	1,973	210	414,330	CWT	29.12	12,065,000
	2007	1,890	121	228,690	CWT	23.93	5,473,000
SPINACH	2008	3,652	10,000	36,520,000	LB	0.68	24,834,000
	2007	2,410	9,445	22,762,450	LB	0.85	19,348,000
MISC. VEGETABLES	2008	6,201					49,620,000
	2007	5,175					59,303,000
CANTALOUPE	2008	8,310	753	6,257,430	40 LB CTN	6.81	42,613,000
	2007	7,138	721	5,146,498	40 LB CTN	7.04	36,231,000
HONEYDEW & MISC. MELONS	2008	1,489	654	973,806	40 LB CTN	6.56	6,388,000
	2007	1,536	893	1,371,648	40 LB CTN	6.89	9,451,000
WATERMELONS	2008	2,161	35.00	75,635	TON	320.00	24,203,000
	2007	1,819	29.50	53,661	TON	250.00	13,415,000
TOTALS 2008	ACRES	116,583				VALUE	675,242,000
TOTALS 2007	ACRES	103,892				VALUE	575,454,000
NUMBERS MAY NOT COMPUTE DUE TO ROUNDING							
MISC. VEGETABLES = Aloe Vera, Arrugula, Artichokes, Beans, Beets, Bok Choy, Napa Cabbage, Celery, Cilantro Collard, Cucumber, Eggplant, Endive, Herbs Mixed, Kale, Leek, Mizuna, Mustard Greens, Okra, Parsley, Parsnip, Peas, Peppers, Raddichio, Radishes, Rappini, Rhubarb, Rutabagas, Squash, Swiss Chard.							

Fruit & Nut

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
DATES							
Harvested	2008	1,038	3.52	3,653.76	TON	5,870.00	21,448,000
Non-Bearing	2008	404					
Harvested	2007	963	2.86	2,754.18	TON	6,165.00	16,980,000
GRAPEFRUIT							
Harvested	2008	670	3.17	2,123.90	TON	358.00	760,000
Non-Bearing	2008	405					
Harvested	2007	576	5.78	3,329.28	TON	443.80	1,478,000
LEMONS							
Harvested	2008	2,805	3.75	10,518.75	TON	900.00	9,467,000
Non-Bearing	2008	816					
Harvested	2007	3,152	9.68	30,511.36	TON	349.95	10,677,000
ORANGES (Valencia)							
Harvested	2008	233	1.79	417.07	TON	431.03	180,000
Non-Bearing	2008	104					
Harvested	2007	322	2.59	833.98	TON	116.67	97,000
TANGERINES							
Harvested	2008	185	1.15	212.75	TON	719.80	153,000
Non-Bearing	2008						
Harvested	2007	253	2.63	665.39	TON	345.45	230,000
MISC. CITRUS, FRUIT & NUT CROPS							
Harvested	2008	734	5.24	3,846.16	TON	1,264.00	4,862,000
Non-Bearing	2008	723					
Harvested	2007	546	4.76	2,598.96	TON	928.50	2,413,000
CITRUS BY-PRODUCTS							
	2008			5,261.27	TON	89.63	472,000
	2007			7,822.89	TON	36.20	283,000
TOTALS	2008	ACRES	5,665			VALUE	37,342,000
TOTALS	2007	ACRES	5,812			VALUE	32,158,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

MISC. CITRUS, FRUIT & NUT CROPS = Figs, Grapes, Jujube, Limes, Mandarins, Mangos, Pomegranates, Tangelos.

Seed Crops & Nursery Products

NON-CERTIFIED SEED							
CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED	2008	19,149	443	8,483,007	LBS	2.71	22,989,000
	2007	12,393	448	5,552,064	LBS	2.08	11,548,000
BERMUDAGRASS SEED	2008	18,769	351	6,587,919	LBS	2.38	15,679,000
	2007	24,068	352	8,471,936	LBS	1.64	13,894,000
ONION SEED	2008	1,193	194	231,442	LBS	32.14	7,439,000
	2007	762	348	265,176	LBS	16.93	4,489,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS	2008	1,437					10,867,000
	2007	2,119					6,782,000
TOTAL NON-CERTIFIED SEED 2008		ACRES	40,548			VALUE	56,974,000
TOTAL NON-CERTIFIED SEED 2007		ACRES	39,342			VALUE	36,713,000
CERTIFIED SEED							
ALFALFA SEED	2008	10,974	481	5,278,494	LBS	3.08	16,258,000
	2007	10,828	450	4,872,600	LBS	2.50	12,182,000
BERMUDAGRASS SEED	2008	8,681	320	2,777,920	LBS	2.21	6,139,000
	2007	8,435	335	2,825,725	LBS	1.96	5,538,000
MISCELLANEOUS CERTIFIED SEED	2008	4,254					7,418,000
	2007	2,956					1,772,000
TOTAL CERTIFIED SEED 2008		ACRES	23,909			VALUE	29,815,000
TOTAL CERTIFIED SEED 2007		ACRES	22,219			VALUE	19,492,000
TOTAL SEED 2008		ACRES	64,457			VALUE	86,789,000
TOTAL SEED 2007		ACRES	61,561			VALUE	56,205,000
NUMBERS MAY NOT COMPUTE DUE TO ROUNDING MISC. FIELD, VEGETABLE AND FLOWER SEED CROPS AND NURSERY PRODUCTS = Artichoke, Broccoli, Canola, Carrot, Cauliflower, Celery, Corn, Cut Flowers, Flowers, Rapinni, Safflower, Sudangrass, Palm Trees. MISCELLANEOUS CERTIFIED SEED = Barley, Corn, Pea, Potato, Sudangrass and Wheat.							

Apiary Products

CROP	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	2008	49,790	20.68	1,029,657.20	LBS	1.10	1,133,000
	2007	48,315	17.30	835,849.50	LBS	0.81	677,000
WAX	2008	30,490	0.55	16,769.50	LBS	1.90	32,000
	2007	37,847	0.83	31,413.01	LBS	1.82	57,000
POLLINATION	2008	60,594			COL	43.02	2,607,000
	2007	63,162			COL	38.08	2,405,000
						VALUE 2008	3,772,000
						VALUE 2007	3,139,000
NUMBERS MAY NOT COMPUTE DUE TO ROUNDING							



IMPERIAL COUNTY

Sustainable Agricultural Report

PEST DETECTION PROGRAM

TRAPPING

TARGET PEST	PEST DETECTION METHOD	NUMBER OF TRAPS	HOST CROPS
Asian Citrus Psyllid	Yellow Sticky Trap	153	Citrus
Boll Weevil	Pheromone	67	Cotton
European Corn Borer	Pheromone	12	Corn & Sorghum
Various Exotic Fruit Flies	Feeding Attractant	114	Fruit Trees & Vegetables
Glassy-winged Sharpshooter	Yellow Sticky Trap	469	Crops & Ornamentals
Gypsy Moth	Pheromone	60	Shade Trees
Japanese Beetle	Pheromone	60	Turf & Flowers
Khapra Beetle	Feeding Attractant	29	Stored Food Products
Light Brown Apple Moth	Pheromone	262	Crops & Ornamentals
Mediterranean Fruit Fly	Pheromone	98	Fruit Trees
Melon Fruit Fly	Pheromone	98	Vegetables
Mexican Fruit Fly	Feeding Attractant	100	Fruit Trees
Oriental Fruit Fly	Pheromone	98	Fruit Trees
Pink Bollworm	Pheromone	30	Cotton

SURVEY

TARGET PEST	SETTING	SCOPE OF PROGRAM
Asian Citrus Psyllid	Citrus Orchards & Backyard Citrus	945 sites
Citrus Canker & Citrus Greening	Citrus	1,707 acres
Cucurbit Yellow Stunting Disorder Virus	Cucurbits	32 sites
Noxious Weeds	Agriculture & Urban	415 miles & 3,716 acres
Karnal Bunt	Wheat	10 sites
Pink Hibiscus Mealybug	Urban & Agriculture	141 sites
Red Imported Fire Ant	High Risk Sites	113 sites
Tomato Yellow Leaf Curl Virus	Tomato	157 sites

PEST EXCLUSION PROGRAM

PHYTOSANITARY CERTIFICATE

TYPE OF PHYTOCERTIFICATE	COMMODITY	CERTIFICATES ISSUED	DESTINATION
Domestic	Hay, Produce and Seed	14,280	South/Central America, Japan, Korea and Taiwan
Re-Export	Various	1,596	South/Central America, Japan, Korea and Taiwan
Process Product	Animal Feed	26	

QUARANTINE

TYPE OF CERTIFICATE	COMMODITY	CERTIFICATES ISSUED	DESTINATION
California State Phytos	Hay and Corn	32	Hawaii
Quarantine Compliance	Produce and Nursery Stock	347	California Counties, Arizona, Florida, Nevada and Texas

INSPECTIONS

SEED	NUMBER OF LOTS	POUNDS	DESTINATION
Field Crops	732	24,846,385	US and Other Countries
Vegetable Crops	225	12,047,605	US and Other Countries

TYPE OF INSPECTION	NUMBER OF INSPECTIONS	PEST	REJECTIONS
Bees for Pollination	19	Red Imported Fire Ant	0
Outdoor Furniture	2	Gypsy Moth	0
Sugar Cane	2	Root Borer & Weevil, Fungal	

ORGANIC GROWER PROGRAM

STATISTICS

COMMODITY	NUMBER OF FARMS	ACREAGE	GROSS SALES
Fruits, Vegetables, Grains, Hay	34	6,812	\$29,223,213



Sustainable Agricultural Report

Top Ten Commodities

2008 RANKING			2007 RANKING
1	CATTLE	\$315,151,000	1
2	ALFALFA	149,146,000	2
3	WHEAT	128,793,000	14
4	HEAD LETTUCE	121,069,000	4
5	LEAF LETTUCE	105,672,000	3
6	BROCCOLI	73,054,000	5
7	SUDANGRASS HAY	67,146,000	9
8	CARROTS	67,129,000	8
9	BERMUDAGRASS HAY	47,107,000	12
10	CANTALOUPE	42,613,000	13



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