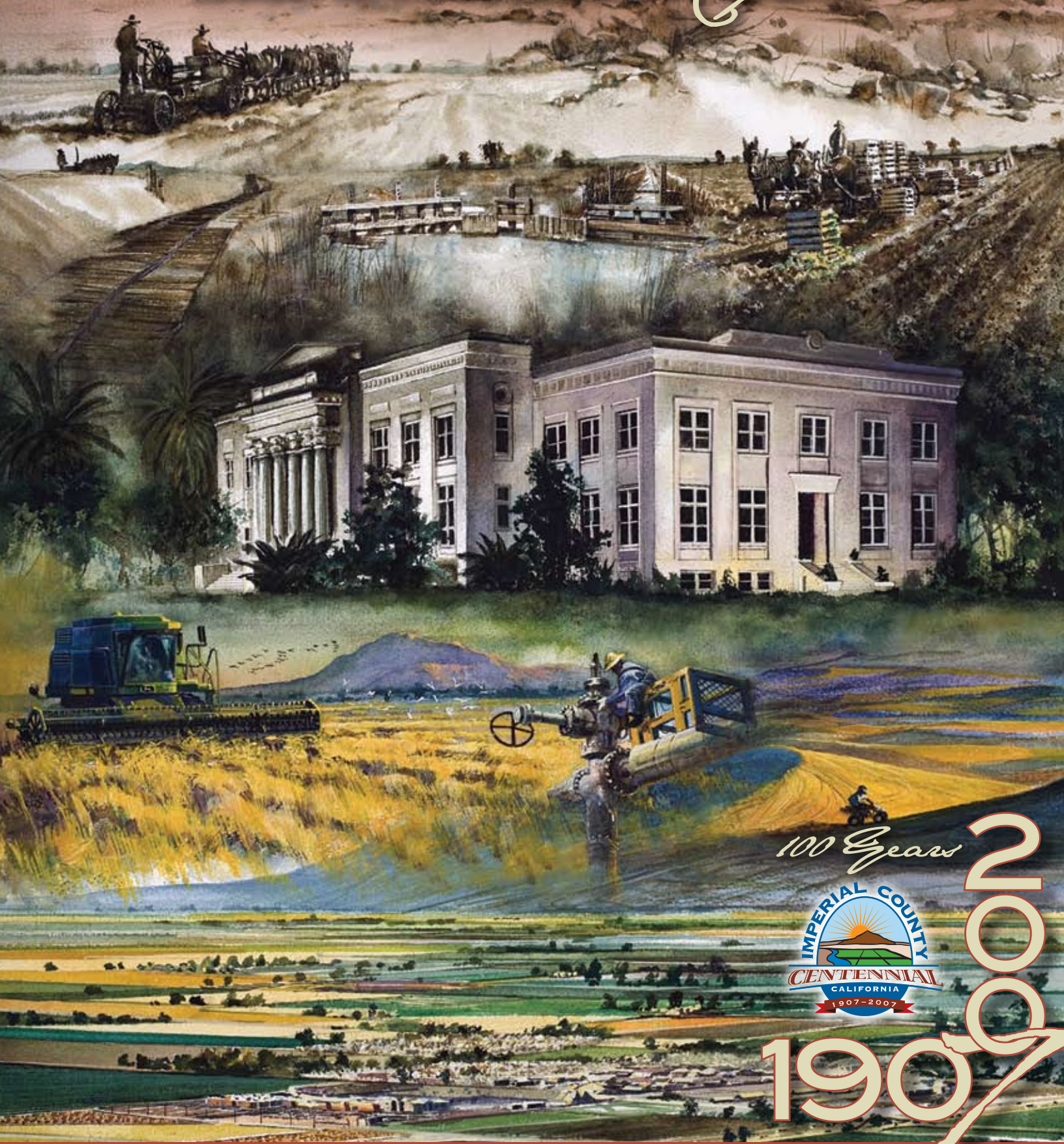


IMPERIAL COUNTY

*2007 Agricultural Crops  
and Livestock Report*



*100 Years*



2007  
1907



Stephen L. Birdsall  
Agricultural Commissioner  
Director of Weights and Measures

Connie L. Valenzuela  
Assistant Agricultural Commissioner  
Director of Weights and Measures

AGRICULTURAL COMMISSIONER  
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June 10, 2008

TO: A. G. Kawamura, Secretary  
Department of Food and Agriculture  
And The Honorable Board of Supervisors,  
County of Imperial  
Gary Wyatt, Chairperson  
Victor M. Carrillo  
Larry Grogan  
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 2007 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 2007 remained relatively stable at \$1,369,147,000. Livestock continues to be the dominant commodity with a minor decrease in value of (1.81%) Increases in value were realized in Field Crops 3.28%, Vegetable and Melon Crops 5.96% and Apiary Products 23.39%. Field Crop acreage decreased slightly with the increased value coming from improved prices varied in both directions. Apiary products benefited directly from increased pollination. Fruit & Nut crops (30.77%) and Seed & Nursery Crops (23.72%) recorded dramatic reductions in value. The freeze in 2007 directly impacted Fruit & Nut values by reducing acreage and yields. The Seed & Nursery Crop acreage declined.

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. I would also like to express sincere thanks to the Agricultural Department Staff, particularly project coordinator David Ritter who compiled the report.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen L. Birdsall". The signature is stylized and somewhat cursive.

Stephen L. Birdsall  
Agricultural Commissioner





# 2007 Summary

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS	2007	100,300	558,017,000
	2006	107,280	526,652,000
FIELD CROPS	2007	352,156	308,745,000
	2006	361,383	298,933,000
LIVESTOCK	2007		410,883,000
	2006		418,436,000
FRUIT & NUT CROPS	2007	5,812	32,158,000
	2006	6,430	46,452,000
SEED & NURSERY CROPS	2007	61,561	56,205,000
	2006	74,691	72,351,000
APIARY PRODUCTS	2007		3,139,000
	2006		2,544,000
TOTALS	2007	519,829	1,369,147,000
	2006	549,784	1,365,368,000



General Statistics. (Continued.) 131

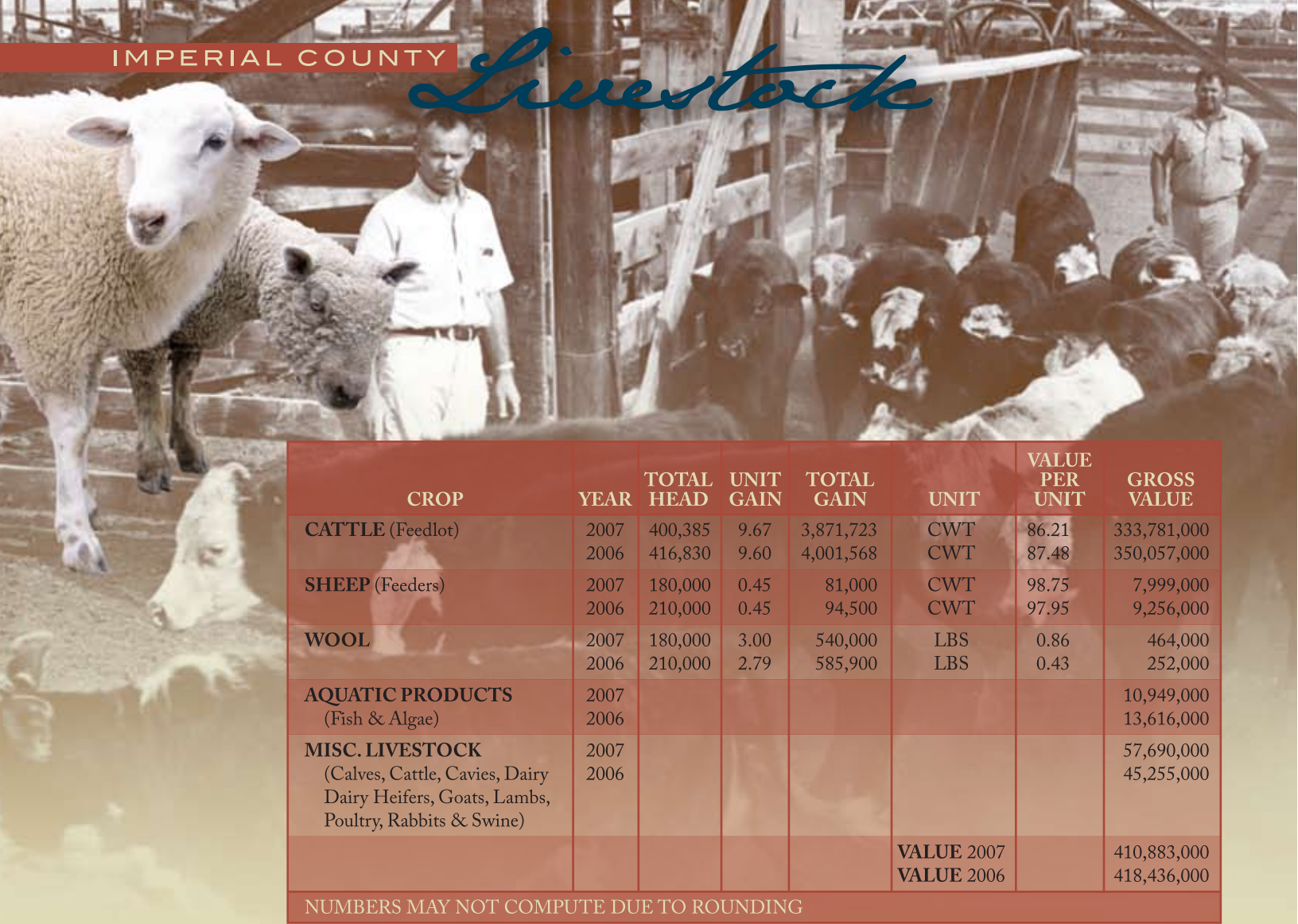
Value of Products	1907-8		1908-9		1909-10	
	No.	Value	No.	Value	No.	Value
Butter, lbs.	1,248,000		1,584,250	\$316,850	2,738,425	\$988,349
Poultry & E ggs		\$3,000		\$3,275		\$47,357
Live Stock Total	No. 112,961	Value \$581,992	No. 72,935	Value \$491,351	No. 75,027	Value \$1,729,072
Wool-lbs.	155,870		175,780	\$17,578	140,000	\$78,000
Cotton	-	-	-	-	-	-
Cotton Seed	-	-	-	-	Lbs. 4,500,000	Value \$685,000
Fruit & Veg.	-	-	-	-	Lbs. 2,000,000	Value \$90,000
Cantaloupes	Acres 1200	\$327,790	Acres 3,720,000	\$53,000	Acres 8,000	Car-loads 1,889
					Crates 120,000	\$250,000

Compiled from the Reports of the California State Agricultural Society, 1908 - 1909 - 1910.





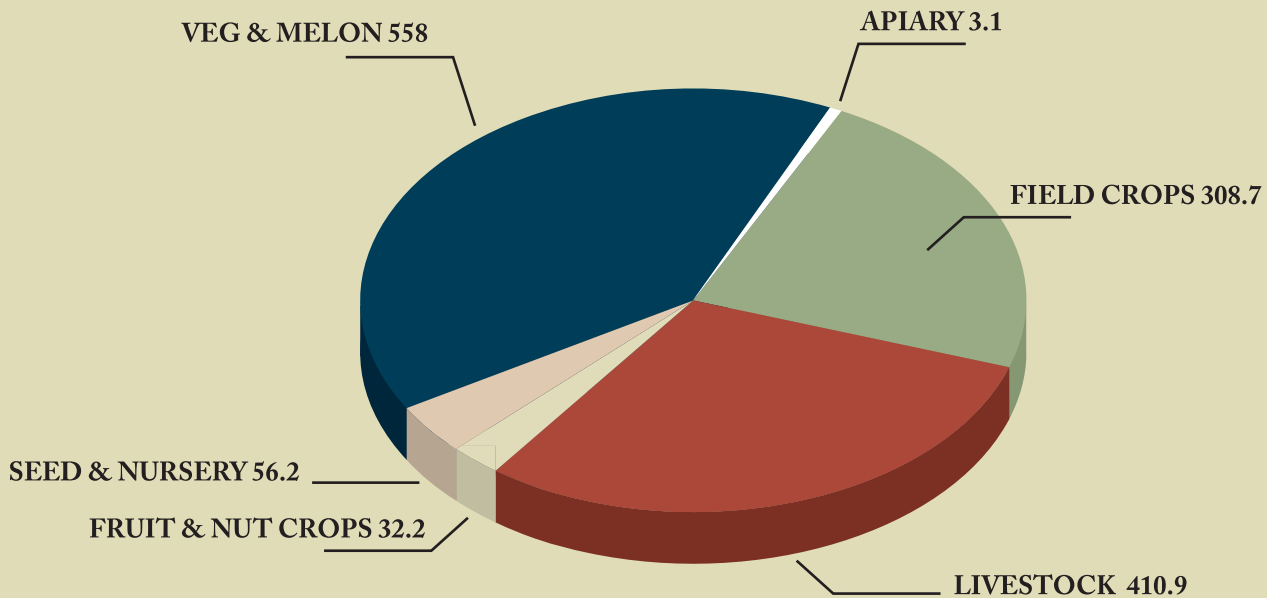
# Livestock



CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)	2007	400,385	9.67	3,871,723	CWT	86.21	333,781,000
	2006	416,830	9.60	4,001,568	CWT	87.48	350,057,000
SHEEP (Feeders)	2007	180,000	0.45	81,000	CWT	98.75	7,999,000
	2006	210,000	0.45	94,500	CWT	97.95	9,256,000
WOOL	2007	180,000	3.00	540,000	LBS	0.86	464,000
	2006	210,000	2.79	585,900	LBS	0.43	252,000
AQUATIC PRODUCTS (Fish & Algae)	2007						10,949,000
	2006						13,616,000
MISC. LIVESTOCK (Calves, Cattle, Cavies, Dairy Dairy Heifers, Goats, Lambs, Poultry, Rabbits & Swine)	2007						57,690,000
	2006						45,255,000
						VALUE 2007	410,883,000
						VALUE 2006	418,436,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

## 2007 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)	2007	115,953	6.70	776,885.10	TON	146.55	113,853,000
	2006	146,250	6.82	997,425.00	TON	117.06	116,759,000
BERMUDAGRASS HAY	2007	61,754	5.38	332,236.52	TON	112.67	37,433,000
	2006	64,083	6.03	386,420.49	TON	112.37	43,422,000
COTTON (Lint)	2007	4,047	3.43	A 13,881.21	BALE	372.12 B	5,165,000
	2006	8,211	2.81	A 23,072.91	BALE	363.33 B	8,383,000
COTTON (Seed)	2007		1.92	7,770.24	TON	220.80	1,716,000
	2006		1.09	8,949.99	TON	134.91	1,207,000
KLEINGRASS HAY	2007	15,855	9.80	155,379.00	TON	125.50	19,500,000
	2006	13,571	9.86	133,810.06	TON	133.39	17,849,000
PASTURE CROPS	2007	87,157	#		ACRE	38.83	3,384,000
	2006	97,659	#		ACRE	36.02	3,518,000
BALED STRAW	2007			73,149.00	TON	59.40	4,345,000
	2006			93,946.00	TON	43.56	4,092,000
SUDANGRASS HAY	2007	71,323	5.75	410,107.25	TON	119.64	49,065,000
	2006	68,289	5.16	352,371.24	TON	118.43	41,731,000
SUGAR BEETS	2007	23,762	37.01	879,431.62	TON	44.45	39,091,000
	2006	23,404	38.96	911,819.84	TON	47.20	43,038,000
WHEAT	2007	47,245	3.44	162,522.80	TON	180.92	29,404,000
	2006	28,878	3.66	105,693.48	TON	144.55	15,278,000
MISC. FIELD CROPS	2007	12,217					5,789,000
	2006	8,697					3,656,000
<b>TOTALS</b>	2007	<b>ACRES</b>				<b>VALUE</b>	308,745,000
<b>TOTALS</b>	2006	<b>ACRES</b>	352,156			<b>VALUE</b>	298,933,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

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

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 and Melon Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ASPARAGUS	2007	513	150	76,950	30 LB CTN	34.00	2,616,000
	2006	786	200	157,200	30 LB CTN	40.00	6,288,000
BROCCOLI (Market)	2007	12,127	658	7,979,566	26 LB CTN	7.68	61,283,000
	2006	11,812	550	6,496,600	26 LB CTN	5.50	35,731,000
CABBAGE (Market)	2007	1,495	822	1,228,890	45 LB CTN	5.65	6,943,000
	2006	1,519	950	1,443,050	45 LB CTN	6.00	8,658,000
CARROTS (Market)	2007	5,520	785	4,333,200	50 LB BAG	6.55	28,382,000
	2006	5,976	1,182	7,063,632	50 LB BAG	8.27	58,416,000
Processing & Other	2007	8,280	32.12	265,954	TON	80.00	21,276,000
	2006	8,964	33.70	302,087	TON	80.00	24,167,000
TOTAL CARROTS	2007	13,800					49,658,000
	2006	14,940					82,583,000
CAULIFLOWER (Market)	2007	3,090	730	2,255,700	23 LB CTN	10.23	23,076,000
	2006	3,030	675	2,045,250	23 LB CTN	8.50	17,385,000
SWEET CORN	2007	7,252	371	2,690,492	50 LB CTN	8.28	22,277,000
	2006	7,301	422	3,081,022	50 LB CTN	10.50	32,351,000
HEAD LETTUCE Naked Pack	2007			608,891	50 LB CTN	7.62	4,640,000
	2006			786,685	50 LB CTN	6.60	5,192,000
Wrap Pack	2007			5,946,138	40 LB CTN	8.45	50,245,000
	2006			5,506,796	40 LB CTN	7.06	38,878,000
Bulk	2007			5,091,678	50 LB CTN	4.00*	20,367,000
	2006			6,354,662	50 LB CTN	3.62*	23,004,000
TOTAL HEAD LETTUCE	2007	15,512		11,646,707	CTN	6.46	75,252,000
	2006	17,318		12,648,143	CTN	5.30	67,074,000
LEAF LETTUCE	2007	13,871	784	10,874,864	35 LB CTN	9.27	100,810,000
	2006	15,553	818	12,722,354	35 LB CTN	6.26	79,642,000
SALAD PRODUCTS	2007			45,663,554	LB	0.39	17,809,000
	2006			51,016,396	LB	0.39	19,896,000
SPRING MIX	2007	2,600	7,000	18,200,000	LB	0.85	15,470,000
	2006	2,130	7,000	14,910,000	LB	0.80	11,928,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

\*NET OF HARVEST, BINS and COOLING

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



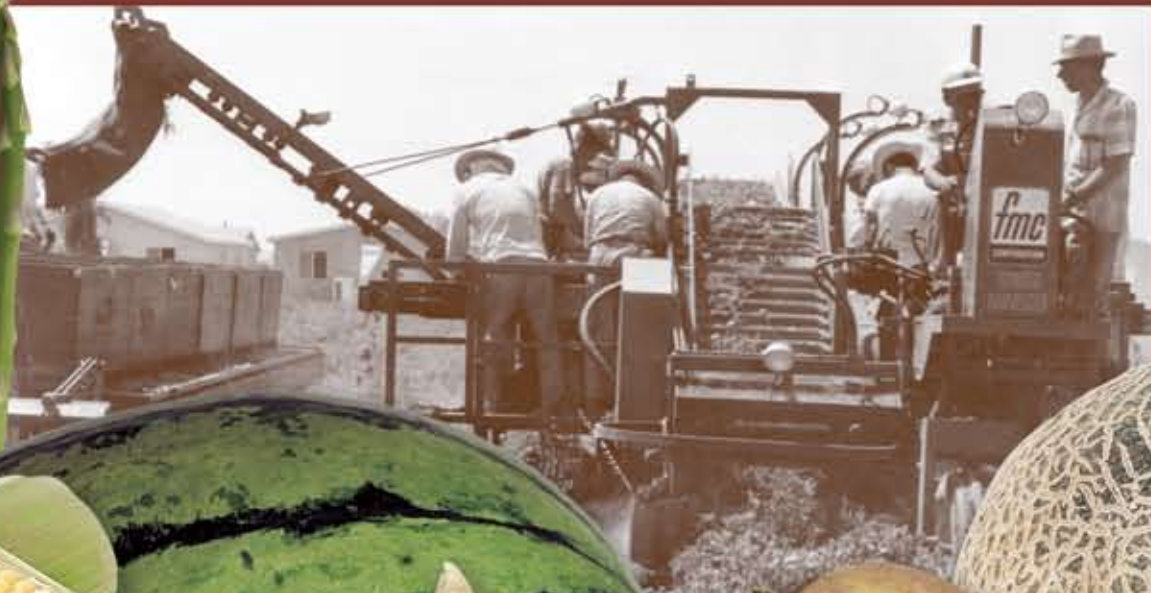


# Vegetable and Melon Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE	
ONIONS	Market	2007	4,406	1,256	5,533,936	50 LB SACK	5.05	27,946,000
		2006	5,103	994	5,072,382	50 LB SACK	4.12	20,898,000
	Processor	2007	5,666	19.98	113,207	TON	102.96	11,656,000
		2006	6,372	20.62	131,391	TON	101.07	13,280,000
<b>TOTAL ONIONS</b>	2007	10,072					39,602,000	
	2006	11,475					34,178,000	
POTATOES	2007	1,890	121	228,690	CWT	23.93	5,473,000	
	2006	1,492	229	341,668	CWT	28.88	9,867,000	
SPINACH	2007	2,410	9,445	22,762,450	LB	0.85	19,348,000	
	2006	4,034	10,000	40,340,000	LB	0.65	26,221,000	
MISC. VEGETABLES	2007	5,175					59,303,000	
	2006	4,832					33,128,000	
CANTALOUPE	2007	7,138	721	5,146,498	40 LB CTN	7.04	36,231,000	
	2006	9,135	620	5,663,700	40 LB CTN	8.58	48,595,000	
HONEYDEW & MISC. MELONS	2007	1,536	893	1,371,648	40 LB CTN	6.89	9,451,000	
	2006	756	829	626,724	40 LB CTN	7.26	4,550,000	
WATERMELONS	2007	1,819	29.50	53,661	TON	250.00	13,415,000	
	2006	1,167	30.00	35,010	TON	245.00	8,577,000	
<b>TOTALS 2007</b>	<b>ACRES</b>	100,300				<b>VALUE</b>	558,017,000	
<b>TOTALS 2006</b>	<b>ACRES</b>	107,280				<b>VALUE</b>	526,652,000	

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

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





# Fruit and Nut Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
<b>DATES</b>							
Harvested	2007	963	2.86	2,754.18	TON	6,165.00	16,980,000
Non-Bearing	2007	399					
Harvested	2006	1,021	3.24	3,308.04	TON	5,882.00	19,458,000
<b>GRAPEFRUIT</b>							
Harvested	2007	576	5.78	3,329.28	TON	443.80	1,478,000
Non-Bearing	2007	292					
Harvested	2006	802	13.86	11,115.72	TON	390.45	4,340,000
<b>LEMONS</b>							
Harvested	2007	3,152	9.68	30,511.36	TON	349.95	10,677,000
Non-Bearing	2007	278					
Harvested	2006	3,377	10.48	35,390.96	TON	465.67	16,481,000
<b>ORANGES (Valencia)</b>							
Harvested	2007	322	2.59	833.98	TON	116.67	97,000
Non-Bearing	2007	109					
Harvested	2006	237	4.94	1,170.78	TON	210.53	246,000
<b>TANGERINES</b>							
Harvested	2007	253	2.63	665.39	TON	345.45	230,000
Non-Bearing	2007	40					
Harvested	2006	601	5.08	3,053.08	TON	896.50	2,737,000
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
Harvested	2007	546	4.76	2,598.96	TON	928.50	2,413,000
Non-Bearing	2007	522					
Harvested	2006	392	5.98	2,344.16	TON	967.00	2,267,000
<b>CITRUS BY-PRODUCTS</b>							
	2007			7,822.89	TON	36.20	283,000
	2006			10,744.40	TON	85.90	923,000
<b>TOTALS</b>	2007	<b>ACRES</b>	5,812			<b>VALUE</b>	32,158,000
<b>TOTALS</b>	2006	<b>ACRES</b>	6,430			<b>VALUE</b>	46,452,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

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



# Seed Crops and Nursery Products

## NON-CERTIFIED SEED

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED	2007	12,393	448	5,552,064	LBS	2.08	11,548,000
	2006	16,832	276	4,645,632	LBS	1.92	8,920,000
BERMUDAGRASS SEED	2007	24,068	352	8,471,936	LBS	1.64	13,894,000
	2006	32,897	512	16,843,264	LBS	1.95	32,844,000
ONION SEED	2007	762	348	265,176	LBS	16.93	4,489,000
	2006	819	334	273,546	LBS	15.45	4,226,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS	2007	2,119					6,782,000
	2006	1,178					5,572,000
TOTAL NON-CERTIFIED SEED 2007		ACRES	39,342			VALUE	36,713,000
TOTAL NON-CERTIFIED SEED 2006		ACRES	51,726			VALUE	51,562,000

## CERTIFIED SEED

ALFALFA SEED	2007	10,828	450	4,872,600	LBS	2.50	12,182,000
	2006	7,172	317	2,273,524	LBS	1.84	4,183,000
BERMUDAGRASS SEED	2007	8,435	335	2,825,725	LBS	1.96	5,538,000
	2006	9,355	375	3,508,125	LBS	1.99	6,981,000
MISCELLANEOUS CERTIFIED SEED	2007	2,956					1,772,000
	2006	6,438					9,625,000
TOTAL CERTIFIED SEED 2007		ACRES	22,219			VALUE	19,492,000
TOTAL CERTIFIED SEED 2006		ACRES	22,965			VALUE	20,789,000
TOTAL SEED 2007		ACRES	61,561			VALUE	56,205,000
TOTAL SEED 2006		ACRES	74,691			VALUE	72,351,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

MISC. FIELD, VEGETABLE AND FLOWER SEED CROPS

AND NURSERY PRODUCTS = Artichoke, Arugula, Broccoli, Canola, Carrot, Celery, Cut Flowers, Flowers, Herbs, Mixed Vegetable, Mizuna, Mustard, Palm Trees, Peas, Safflower and Sesbania.

MISCELLANEOUS CERTIFIED SEED = Alfalfa, Bermudagrass, Canola, Chickpea, Grass, Flax, Oats, Sudangrass and Wheat.

# Apiary Products

CROP	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	2007	48,315	17.30	835,849.50	LBS	0.81	677,000
	2006	51,117	17.47	893,013.99	LBS	0.79	705,000
WAX	2007	37,847	0.83	31,413.01	LBS	1.82	57,000
	2006	36,049	1.34	48,305.66	LBS	2.00	97,000
POLLINATION	2007	63,162			COL	38.08	2,405,000
	2006	49,986			COL	34.84	1,742,000
						VALUE 2007	3,139,000
						VALUE 2006	2,544,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING



# Sustainable Agricultural Report

## PEST DETECTION PROGRAM

TRAPPING			
TARGET PEST	PEST DETECTION METHOD	NUMBER OF TRAPS	HOST CROPS
Boll Weevil	Pheromone	67	Cotton
European Corn Borer	Pheromone	12	Corn & Sorghum
Various Exotic Fruit Flies	Feeding Attractant	110	Fruit Trees & Vegetables
Glassy-winged Sharpshooter	Yellow Sticky Trap	469	Crops & Ornamentals
Gypsy Moth	Pheromone	54	Shade Trees
Japanese Beetle	Pheromone	53	Turf & Flowers
Khapra Beetle	Feeding Attractant	30	Stored Food Products
Light Brown Apple Moth	Pheromone	227	Crops & Ornamentals
Mediterranean Fruit Fly	Pheromone	126	Fruit Trees
Melon Fruit Fly	Pheromone	93	Vegetables
Mexican Fruit Fly	Feeding Attractant	92	Fruit Trees
Oriental Fruit Fly	Pheromone	93	Fruit Trees
Pink Bollworm	Pheromone	30	Cotton



SURVEY		
TARGET PEST	SETTING	SCOPE OF PROGRAM
Citrus Canker & Citrus Greening	Citrus	1,929 acres
Cucurbit Yellow Stunting Disorder Virus	Cucurbits	39 sites
Karnal Bunt	Wheat	5 sites
Pink Hibiscus Mealybug	Urban & Agriculture	252 sites
Red Imported Fire Ant	High Risk Sites	211 sites
Tomato Yellow Leaf Curl Virus	Tomato	258 sites

## PEST EXCLUSION PROGRAM

PHYTOSANITARY CERTIFICATE			
TYPE OF PHYTOCERTIFICATE	COMMODITY	CERTIFICATES ISSUED	DESTINATION
Domestic	Hay, Produce and Seed	13,702	South/ Central America , Japan , Korea and Taiwan
Re-Export	Various	1,585	South/ Central America , Japan , Korea and Taiwan
Process Product	Animal Feed	20	



QUARANTINE			
TYPE OF CERTIFICATE	COMMODITY	CERTIFICATES ISSUED	DESTINATION
California State Phytos	Hay and Corn	45	Hawaii
Quarantine Compliance	Produce and Nursery Stock	368	California Counties, Arizona , Florida , Nevada and Texas

INSPECTIONS			
SEED	NUMBER OF LOTS	POUNDS	DESTINATION
Field Crops	1,634	29,179,602	US and Other Countries
Vegetable Crops	282	828,898	US and Other Countries



TYPE OF INSPECTION	NUMBER OF INSPECTIONS	PEST	REJECTIONS
Bees for Pollination	19	Red Imported Fire Ant	0
Outdoor Furniture	15	Gypsy Moth	0

## ORGANIC GROWER PROGRAM

STATISTICS			
COMMODITY	NUMBER OF FARMS	ACREAGE	GROSS SALES
Fruits, Vegetables, Grains, Hay	27	5,224	\$16,632,000



# Top Ten Crops

2007 RANKING			2006 RANKING
1	CATTLE	\$333,781,000	1
2	ALFALFA	113,853,000	2
3	LEAF LETTUCE	100,810,000	4
4	HEAD LETTUCE	75,252,000	5
5	BROCCOLI	61,283,000	11
6	MISC. VEGETABLES	59,303,000	13
7	MISC. LIVESTOCK	57,690,000	7
8	CARROTS	49,658,000	3
9	SUDANGRASS HAY	49,065,000	10
10	ONIONS	39,602,000	12





2007 Agricultural Crop and Livestock Report



**Stephen L. Birdsall**  
Office Of Agricultural Commissioner  
Sealer Of Weights and Measures  
150 South Ninth • El Centro, CA 92243-2850

*In Cooperation With The  
Imperial Irrigation District*



Photos and Acknowledgements  
Imperial County Farm Bureau, Kiewit Pacific  
Company, Pioneers Museum, Ritter Estate, Pat Waters  
Thanks to Imperial Printers for the design layout of this year's report

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