

IMPERIAL COUNTY

Agricultural Crop & Livestock Report

2011



Connie L. Valenzuela
Agricultural Commissioner
Sealer of Weights and Measures

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Karen Ross, Secretary
California Department of Food and Agriculture
and
The Honorable Board of Supervisors, County of Imperial
Supervisor Michael W. Kelley, Chairman, District 3
Supervisor Gary Wyatt, Vice-Chairman, District 4
Supervisor John Renison, District 1
Supervisor Jesus "Jack" Terrazas, District 2
Supervisor Raymond Castillo, District 5

In accordance with the requirements of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2011 Imperial County Agricultural Crop and Livestock Report. This report summarizes the estimated acreage, yield, and gross value of Imperial County's agricultural production for the year 2011. Also included is a report on sustainable agriculture pursuant to Section 2272 of the California Food and Agricultural Code.

Note that the values presented in the report represent the gross value for products and do not reflect the costs of production, marketing, or transportation. No attempt is made to reflect the net income, profit, or loss to producers.

The 2011 gross production was valued at \$1,964,087,000. This is an increase of \$365,553,000 (22.9%) compared to the 2010 gross value of \$1,598,534,000, and \$511,117,393 (35.2%) more than the 2009 gross value of \$1,452,970,000. Field Crops showed an overall increase of almost 44% in value compared to 2010, with the largest gains in bermudagrass hay, kleingrass hay, and wheat. The overall gain in Seed Crops was over 30% with the largest gains in the miscellaneous seed & nursery category and in certified alfalfa seed. The biggest losses were to market onions and onion seed due to a large drop in market price. Cattle showed a gain of 21.5% over 2010, mostly due to an increase in price, and again ranked as our number one commodity. Most of the gains and losses are tied to changes in market prices, although total harvested acreage increased in the Field Crop and Fruits & Nuts categories, and decreased in the Vegetables & Melons and Seed Crop categories.

I would like to express my sincere thanks to all of the growers, processors, industry groups, and agencies who provided the information and statistics for this report. In addition, I would like to express my appreciation to all the members of my staff for their hard work and dedication, and particularly to David Ritter, Special Projects, for his work in compiling this annual report.

Sincerely,

Connie L. Valenzuela
Agricultural Commissioner



IMPERIAL COUNTY 2011 Summary

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
LIVESTOCK	2011		403,880,000
	2010		321,022,000
FIELD CROPS	2011	365,015	518,257,000
	2010	351,816	360,139,000
VEGETABLE & MELON CROPS	2011	109,806	903,959,000
	2010	115,501	809,126,000
FRUIT & NUT CROPS	2011	7,629	64,237,000
	2010	7,104	51,294,000
SEED & NURSERY CROPS	2011	49,097	68,877,000
	2010	53,969	52,952,000
APIARY PRODUCTS	2011		4,877,000
	2010		4,001,000
TOTALS	2011	531,547	1,964,087,000
	2010	528,390	1,598,534,000



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IMPERIAL COUNTY Livestock

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)	2011	299,637	10.08	3,020,341	CWT	107.57	324,898,000
	2010	298,196	10.17	3,032,653	CWT	88.21	267,510,000
SHEEP (Feeders)	2011	140,000	0.40	56,000	CWT	143.75	8,050,000
	2010	130,000	0.33	42,900	CWT	103.06	4,421,000
WOOL	2011	140,000	3.50	490,000	LBS	0.99	485,000
	2010	130,000	4.00	520,000	LBS	0.67	348,000
AQUATIC PRODUCTS (Fish & Algae)	2011						8,142,000
	2010						6,492,000
MISC. LIVESTOCK (Calves, Cattle, Cavies, Dairy Animals, Goats, Lambs, Milk, Poultry, Rabbits & Swine)	2011						62,305,000
	2010						42,251,000
					VALUE 2011		403,880,000
					VALUE 2010		321,022,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

IMPERIAL COUNTY Field Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA HAY (Baled)	2011	118,419	7.29	863,274.51	TON	220.75	190,568,000
	2010	136,815	7.95	1,087,679.25	TON	118.81	129,227,000
BERMUDAGRASS HAY	2011	48,267	7.83	377,930.61	TON	189.00	71,429,000
	2010	48,726	7.01	341,569.26	TON	115.86	39,574,000
COTTON (Lint)	2011	6,791	3.21 A	21,799.11	BALE	455.00	9,919,000
	2010	4,563	3.72 A	16,974.36	BALE	510.00	8,657,000
COTTON (Seed)	2011			7,809.00	TON	252.00	1,968,000
	2010			6,525.00	TON	210.37	1,373,000
KLEINGRASS HAY	2011	13,614	11.57	157,513.98	TON	160.00	25,202,000
	2010	12,528	10.33	129,414.24	TON	103.33	13,372,000
PASTURED CROPS	2011	74,068*			ACRE	64.30	4,762,000
	2010	79,576*			ACRE	41.99	3,341,000
BALED STRAW	2011			53,870.00	TON	62.63	3,374,000
	2010			65,406.00	TON	38.30	2,505,000
SUDANGRASS HAY	2011	68,845	4.90	337,340.50	TON	173.00	58,360,000
	2010	59,403	5.93	352,259.79	TON	132.29	46,600,000
SUGAR BEETS	2011	25,534	44.62	1,139,327.08	TON	70.34	80,140,000
	2010	25,188	43.91	1,106,005.08	TON	63.38	70,099,000
WHEAT	2011	74,452	3.40	253,136.80	TON	268.36	67,932,000
	2010	58,562	3.79	221,949.98	TON	191.14	42,424,000
MISC. FIELD CROPS	2011	9,093					4,603,000
	2010	6,031					2,967,000
TOTALS	2011	ACRES		365,015		VALUE	518,257,000
TOTALS	2010	ACRES		351,816		VALUE	360,139,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

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

PASTURED CROPS = 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



IMPERIAL COUNTY Vegetable & Melon Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
BROCCOLI (Market)	2011	11,972	675	8,081,100	26 LB CTN	13.85	111,923,000
	2010	12,215	660	8,061,900	26 LB CTN	9.34	75,298,000
CABBAGE (Market)	2011	1,355	780	1,056,900	45 LB CTN	13.76	14,543,000
	2010	1,147	845	969,215	45 LB CTN	7.10	6,881,000
CARROTS (Market)	2011	4,773	835	3,985,455	50 LB BAG	14.00	55,796,000
	2010	5,001	850	4,250,850	50 LB BAG	8.12	34,517,000
Processing & Other	2011	7,159	28.50	204,032	TON	90.00	18,363,000
	2010	7,502	44.00	330,088	TON	90.00	29,708,000
TOTAL CARROTS	2011	11,932					74,159,000
	2010	12,503					64,225,000
CAULIFLOWER (Market)	2011	4,130	755	3,118,150	23 LB CTN	14.49	45,182,000
	2010	3,341	765	2,555,865	23 LB CTN	10.55	26,964,000
SWEET CORN	2011	9,951	415	4,129,665	50 LB CTN	10.75	44,394,000
	2010	10,523	397	4,177,631	50 LB CTN	9.20	38,434,000
HEAD LETTUCE Naked Pack	2011			867,000	50 LB CTN	12.98	11,254,000
	2010			990,048	50 LB CTN	8.26	8,178,000
Wrap Pack	2011			6,478,000	40 LB CTN	14.50	93,931,000
	2010			8,240,087	40 LB CTN	10.52	86,686,000
Bulk	2011			5,171,000	50 LB CTN	5.25*	27,148,000
	2010			5,671,296	50 LB CTN	5.25*	29,774,000
TOTAL HEAD LETTUCE	2011	18,043		12,516,000	CTN	10.57	132,333,000
	2010	19,657		14,901,431	CTN	8.36	124,638,000
LEAF LETTUCE	2011	13,878	1,023	14,197,194	35 LB CTN	16.66	236,525,000
	2010	14,138	958	13,544,204	35 LB CTN	12.26	166,052,000
SALAD PRODUCTS	2011			49,981,000	LB	0.39	19,493,000
	2010			27,236,127	LB	0.39	10,622,000
SPRING MIX	2011	4,231	7,000	29,617,000	LB	0.85	25,174,000
	2010	5,673	7,000	39,711,000	LB	0.85	33,754,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

*NET OF HARVEST, BINS and COOLING

**INCLUDED IN MISCELLANEOUS VEGETABLES

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

IMPERIAL COUNTY

Vegetable & Melon Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE	
ONIONS	Market	2011	3,312	1,525	5,050,800	50 LB SACK	5.75	29,042,000
		2010	3,392	1,200	4,070,400	50 LB SACK	16.00	65,126,000
	Processor	2011	4,968	19.00	94,392	TON	100.50	9,486,000
		2010	4,974	22.00	109,428	TON	100.00	10,943,000
TOTAL ONIONS		2011	8,280				38,528,000	
		2010	8,366				76,069,000	
POTATOES	2011	2,297	200	459,400	CWT	30.34	13,938,000	
	2010	1,347	258	347,526	CWT	34.08	11,844,000	
SPINACH	2011	4,144	10,000	41,440,000	LB	0.35 *	14,504,000	
	2010	6,184	10,000	61,840,000	LB	0.33 *	20,407,000	
MISC. VEGETABLES	2011	9,321					70,198,000	
	2010	9,934					80,217,000	
CANTALOUPE	2011	7,512	835	6,272,520	40 LB CTN	7.30	45,789,000	
	2010	7,795	740	5,768,300	40 LB CTN	9.30	53,645,000	
HONEYDEW & MISC. MELONS	2011	846	910	769,860	40 LB CTN	7.25	5,581,000	
	2010	1,041	753	783,873	40 LB CTN	8.78	6,882,000	
WATERMELONS	2011	1,914	26.00	49,764	TON	235.00	11,695,000	
	2010	1,637	31.00	50,747	TON	260.00	13,194,000	
TOTALS 2011	ACRES	109,806			VALUE	903,959,000		
TOTALS 2010	ACRES	115,501			VALUE	809,126,000		

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*NET OF HARVEST

MISC. VEGETABLES = Aloe Vera, Arugula, Artichokes, Asparagus, Beans, Black Eyed Beans, Beets, Broccoflower, Bok Choy, Napa Cabbage, Celery, Chive, Cilantro, Collard, Cucumber, Dandelion Greens, Endive, Fennel, Gai Lon, Herbs Mixed, Kale, Leek, Mizuna, Mustard Greens, Okra, Parsley, Peppers, Radish, Rapini, Squash, Swiss Chard, Tomatoes and Turnips.



IMPERIAL COUNTY

Fruit & Nut Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
DATES							
Harvested	2011	1,271	3.58	4,550.18	TON	5,274.70	24,001,000
Non-Bearing	2011	452					
Harvested	2010	1,151	3.33	3,832.83	TON	5,423.85	20,789,000
GRAPEFRUIT							
Harvested	2011	930	4.79	4,454.70	TON	518.80	2,311,000
Non-Bearing	2011	170					
Harvested	2010	838	4.65	3,896.70	TON	444.99	1,734,000
LEMONS							
Harvested	2011	3,847	10.88	41,855.36	TON	631.50	26,432,000
Non-Bearing	2011	271					
Harvested	2010	3,732	8.02	29,930.64	TON	657.89	19,691,000
ORANGES (Valencia)							
Harvested	2011	266	4.49	1,194.34	TON	533.30	637,000
Non-Bearing	2011	39					
Harvested	2010	116	4.00	464.00	TON	562.67	261,000
TANGERINES							
Harvested	2011	225	6.41	1,442.25	TON	1,200.00	1,731,000
Non-Bearing	2011	0					
Harvested	2010	185	5.17	956.45	TON	768.00	735,000
MISC. CITRUS, FRUIT & NUT CROPS							
Harvested	2011	1,090	5.48	5,973.20	TON	1,221.10	7,294,000
Non-Bearing	2011	315					
Harvested	2010	1,082	7.22	7,812.04	TON	890.50	6,957,000
CITRUS BY-PRODUCTS							
	2011			21,367.00	TON	85.70	1,831,000
	2010			14,183.76	TON	79.43	1,127,000
TOTALS	2011	ACRES	7,629		VALUE		64,237,000
TOTALS	2010	ACRES	7,104		VALUE		51,294,000

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



IMPERIAL COUNTY Seed Crops & Nursery Products

NON-CERTIFIED SEED

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA SEED	2011	7,026	525	3,688,650	LBS	2.64	9,738,000
	2010	10,199	430	4,385,570	LBS	1.83	8,026,000
BERMUDAGRASS SEED	2011	17,471	357	6,237,147	LBS	2.97	18,524,000
	2010	19,485	306	5,962,410	LBS	2.23	13,296,000
ONION SEED	2011	1,404	295	414,180	LBS	12.25	5,074,000
	2010	1,535	225	345,375	LBS	26.11	9,018,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS	2011	3,845					6,796,000
	2010	865					2,993,000
TOTAL NON-CERTIFIED SEED 2011		ACRES		29,746		VALUE	40,132,000
TOTAL NON-CERTIFIED SEED 2010		ACRES		32,084		VALUE	33,333,000

CERTIFIED SEED

ALFALFA SEED	2011	13,772	550	7,574,600	LBS	3.07	23,254,000
	2010	14,070	487	6,852,090	LBS	2.08	14,252,000
BERMUDAGRASS SEED	2011	3,571	375	1,339,125	LBS	2.91	3,897,000
	2010	6,483	292	1,893,036	LBS	2.35	4,449,000
MISCELLANEOUS CERTIFIED SEED	2011	2,008					1,594,000
	2010	1,332					918,000
TOTAL CERTIFIED SEED 2011		ACRES		19,351		VALUE	28,745,000
TOTAL CERTIFIED SEED 2010		ACRES		21,885		VALUE	19,619,000
TOTAL SEED 2011		ACRES		49,097		VALUE	68,877,000
TOTAL SEED 2010		ACRES		53,969		VALUE	52,952,000

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 MISC. FIELD, VEGETABLE AND FLOWER SEED CROPS
 AND NURSERY PRODUCTS = Broccoli, Celery, Cut Flowers, Sunflowers and Palm Trees
 MISCELLANEOUS CERTIFIED SEED = Rape, Sudangrass, Sunflower and Wheat.

Apiary Products

CROP	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	2011	47,950	15.44	740,348.00	LBS	1.40	1,036,000
	2010	47,794	20.01	956,357.94	LBS	1.23	1,176,000
WAX	2011	23,932	0.44	10,530.08	LBS	2.00	21,000
	2010	30,886	0.56	17,296.16	LBS	2.00	35,000
POLLINATION	2011	77,617			COL	49.21	3,820,000
	2010	61,409			COL	45.44	2,790,000
						VALUE 2011	4,877,000
						VALUE 2010	4,001,000

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	267	Citrus
European Corn Borer	Pheromone	13	Corn & Sorghum
Various Exotic Fruit Flies	Feeding Attractant	96	Fruit Trees & Vegetables
Glassy-winged Sharpshooter	Yellow Sticky Trap	479	Crops & Ornamentals
Gypsy Moth	Pheromone	56	Shade Trees
Japanese Beetle	Pheromone	58	Turf & Flowers
Khapra Beetle	Feeding Attractant	29	Stored Food Products
Mediterranean Fruit Fly	Pheromone	118	Fruit Trees
Melon Fruit Fly	Pheromone	118	Vegetables
Mexican Fruit Fly	Feeding Attractant	118	Fruit Trees
Oriental Fruit Fly	Pheromone	118	Fruit Trees

SURVEY

TARGET PEST	SETTING	SCOPE OF PROGRAM
Asian Citrus Psyllid Survey	Commercial and Residential Citrus	14,549 Visual Surveys
Citrus Health Survey	Citrus Orchards	1,502 Acres
Noxious Weeds	Agriculture & Urban	153 Positive Sites; 1,235 Miles Surveyed
Karnal Bunt	Wheat	9 Sites
Red Imported Fire Ant	High Risk Sites	140 Sites
Pathogens of Concern for Export of Seed (by application only)	Seed Fields	249 Fields Surveyed
Glassy-winged Sharpshooter	Retail Nursery Stock Shipments	1,641 Shipments Inspected
Glassy-winged Sharpshooter	Bulk Citrus Fruit	235 Shipments Inspected

BIOLOGICAL CONTROL

TARGET PEST	BIOCONTROL AGENT	SCOPE OF PROGRAM
Puncture Vine, Tribulus terrestris	Stem and seed weevils (<i>Microlarinus</i> spp)	40 sites
Puncture Vine, Tribulus terrestris	Hand/Mechanical Removal	14 sites

PEST EXCLUSION PROGRAM

PHYTOSANITARY CERTIFICATE

TYPE OF PHYTOCERTIFICATE	COMMODITY	CERTIFICATES ISSUED	DESTINATION
Domestic	Hay, Produce and Seed	14,034	South/Central America, Japan, Korea and Taiwan
Re-Export	Various	418	South/Central America, Japan, Korea and Taiwan
Process Product	Animal Feed	18	

QUARANTINE

TYPE OF CERTIFICATE	COMMODITY	CERTIFICATES ISSUED	DESTINATION
California State Phytos Quarantine Compliance	Hay and Corn	702	Hawaii
	Produce and Nursery Stock	272	California Counties, Arizona, Florida, Nevada and Texas

INSPECTIONS

SEED	NUMBER OF LOTS	POUNDS	DESTINATION
Field Crops	722	25,593,061	US and Other Countries
Vegetable Crops	193	1,203,873	US and Other Countries
Seed Samples for Export Compliance	75		

TYPE OF INSPECTION	NUMBER OF INSPECTIONS	PEST	REJECTIONS
Bees for Pollination	18	Red Imported Fire Ant	0
Outdoor Furniture	1	Gypsy Moth	0
Sugar Cane	0	Root Borer & Weevil, Fungal	0

ORGANIC GROWER PROGRAM

STATISTICS

COMMODITY	NUMBER OF FARMS	ACREAGE	GROSS SALES
Fruits, Vegetables, Grains, Hay	26	7,487	\$39,386,000.00





IMPERIAL COUNTY
Top Ten Commodities

2011 RANKING			2010 RANKING
1	CATTLE	\$324,898,000	1
2	LEAF LETTUCE	236,525,000	2
3	ALFALFA	190,568,000	3
4	HEAD LETTUCE	132,333,000	4
5	BROCCOLI	111,923,000	6
6	SUGAR BEETS	80,140,000	7
7	CARROTS	74,159,000	8
9	BERMUDAGRASS	71,429,000	12
8	WHEAT	67,932,000	11
10	SUDANGRASS	58,360,000	10



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