

IMPERIAL COUNTY Agricultural Crop & Livestock Report



2013



Connie L. Valenzuela
Agricultural Commissioner
Sealer of Weights and Measures

Linda S. Evans
Assistant Agricultural Commissioner/
Asst. Sealer of Weights and Measures



852 Broadway
El Centro, CA 92243

(760) 482-4314
Fax: (760) 353-9420

E-mail: agcom@co.imperial.ca.us

August 5, 2014

TO: Karen Ross, Secretary
California Department of Food and Agriculture

and

The Honorable Board of Supervisors, County of Imperial

Supervisor John Renison, Chairman, District 1
Supervisor Ryan E. Kelley, Vice Chairman, District 4
Supervisor Jesus "Jack" Terrazas, District 2
Supervisor Michael W. Kelley, District 3
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 2013 Imperial County Agricultural Crop and Livestock Report. This report summarizes the estimated acreage, yield, and gross value of Imperial County's agricultural production for calendar year 2013. 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 this report represent the gross value for products and do not reflect the costs of production, marketing, storage, or transportation. No attempt is made to reflect the net income, profit, or loss to producers.

Gross production for 2013 was valued at \$2,158,517,000, a new record for Imperial County. This is an increase of \$212,758,000 (10.93%) compared to the 2012 gross value of \$1,945,759,000. The main reasons for this increase include a general increase in yields and market prices; the addition of some new commodities such as new high-value vegetables in the "Misc. Vegetable" category; much improved demand for winter produce compared to 2012 when severe storms in the winter of 2011-12 prevented delivery of winter produce to the Northeast and Midwest; and a successful tangerine harvest compared to 2012 when the entire tangerine crop was lost to freeze damage.

The increase in 2013 gross production was despite an overall decrease of 35,444 total harvested acres (6.27%). The only general category to show a decline in harvested acreage and gross value was Field Crops, with the biggest decline in wheat. Wheat dropped from its ranking as the #3 commodity in 2012 to #12 in 2013. Other categories showed increases in harvested acres and gross value.

Thank you to all of the growers, processors, industry groups, and agencies who provided the information and statistics for this report; your help in this effort is truly appreciated. In addition, I would like to express my appreciation to all of the members of my staff for their continued hard work and dedication. And finally, I would like to thank and recognize Phyllis Cason, Special Projects Coordinator, for her hard work in compiling this report.

Sincerely,

Connie L. Valenzuela
Agricultural Commissioner
Sealer of Weights and Measures

IMPERIAL COUNTY 2013 Summary

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
LIVESTOCK	2013		617,371,000
	2012		483,833,000
FIELD CROPS	2013	332,727	470,461,000
	2012	396,839	587,977,000
VEGETABLE & MELON CROPS	2013	121,371	865,401,000
	2012	118,940	718,219,000
FRUIT & NUT CROPS	2013	7,793	100,019,000
	2012	6,164	85,154,000
SEED & NURSERY CROPS	2013	68,037	100,557,000
	2012	43,429	67,432,000
APIARY PRODUCTS	2013		4,708,000
	2012		3,144,000
TOTAL 2013		529,928	2,158,517,000
TOTAL 2012		565,372	1,945,759,000

Total Harvested Acres include multiple cropping on individual fields throughout the year.



IMPERIAL COUNTY

Livestock

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)	2013	357,888	12.78	4,573,875	CWT	120.69	552,004,000
	2012	356,081	9.75	3,471,667	CWT	119.27	414,061,000
SHEEP (Feeders)	2013	86,122	0.45	39,148	CWT	118.19	4,627,000
	2012	70,101	0.51	36,055	CWT	103.07	3,716,000
WOOL	2013	86,122	3.50	301,427	LBS	1.53	461,000
	2012	70,100	3.50	245,350	LBS	1.00	245,000
AQUATIC PRODUCTS (Fish & Algae)	2013						14,756,000
	2012						11,426,000
MISC. LIVESTOCK	2013						45,523,000
	2012						54,385,000
TOTAL 2013						VALUE	617,371,000
TOTAL 2012						VALUE	483,833,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

MISC. LIVESTOCK: May include Calves, Cattle, Cavies, Dairy Animals, Lambs, Milk, Goats, Poultry, Rabbits, Swine, Manure/Compost

IMPERIAL COUNTY Field Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA HAY (Baled)	2013	111,322	7.75	862,445.79	TON	202.73	174,840,000
	2012	132,737	7.46	990,106.17	TON	216.75	214,601,000
BERMUDAGRASS HAY	2013	51,248	6.23	319,179.85	TON	220.00	70,220,000
	2012	46,140	6.25	288,375.00	TON	220.00	63,443,000
COTTON (Lint) ¹	2013	3,431	3.42	11,727.76	BALE	426.25	4,999,000
	2012	5,233	4.49	23,520.00	BALE	354.29	8,333,000
COTTON (Seed)	2013			4,285.47	TON	251.55	1,078,000
	2012			8,416.00	TON	250.48	2,108,000
KLEINGRASS HAY	2013	16,798	12.44	209,012.70	TON	165.32	34,553,000
	2012	14,778	11.92	176,104.50	TON	211.25	37,202,000
PASTURED CROPS ²	2013	49,103			ACRE	43.24	2,123,000
	2012	38,462			ACRE	50.91	1,958,000
BALED STRAW	2013			134,744.43	TON	71.03	9,571,000
	2012			77,430.00	TON	84.50	6,543,000
SUDANGRASS HAY	2013	56,308	5.18	291,852.86	TON	187.24	54,646,000
	2012	63,765	5.47	348,944.59	TON	185.38	64,686,000
SUGAR BEETS	2013	25,400	46.50	1,181,100.00	TON	52.13	61,571,000
	2012	25,389	46.50	1,180,588.50	TON	66.30	78,273,000
WHEAT	2013	54,462	3.22	175,340.41	TON	287.22	50,362,000
	2012	95,508	3.47	331,346.72	TON	326.74	108,265,000
MISC. FIELD CROPS	2013	13,758					6,498,000
	2012	13,289					2,565,000
TOTAL 2013	ACRES	332,727				VALUE	470,461,000
TOTAL 2012	ACRES	396,839				VALUE	587,977,000

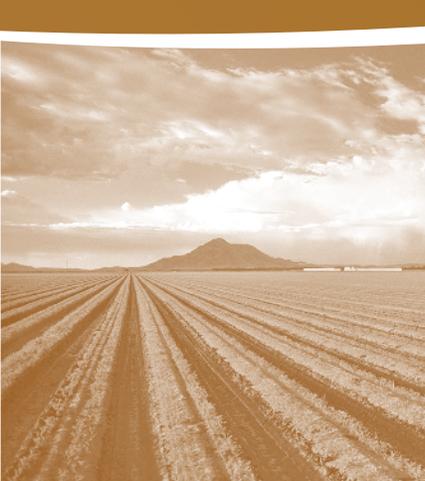
NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

MISC. FIELD CROPS: May include Barley, Corn Silage, Field Corn, Guar Beans, Mixed Grasses Hay, Oat Hay, Ryegrass Hay, Safflower, Sesbania, Sorghum Grain, Sugarcane

PASTURED CROPS: May include Alfalfa, Bermudagrass, Permanent Pasture, Ryegrass

¹ Cotton Bales = 500 Pounds

² Pastured one time and acres are counted in other crop listings



IMPERIAL COUNTY

Vegetable & Melon Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
BROCCOLI (Market)	2013	15,947	646	10,307,078	26 LB CTN	10.88	112,139,000
	2012	13,861	670	9,287,004	26 LB CTN	8.91	82,747,000
CABBAGE (Market)	2013	1,611	1,061	1,708,662	45 LB CTN	20.00	34,173,000
	2012	2,108	619	1,304,666	45 LB CTN	8.53	11,129,000
CARROTS Market	2013	4,109	900	3,698,460	50 LB BAG	9.37	34,673,000
	2012	3,818	950	3,626,910	50 LB BAG	9.37	34,002,000
Processing & Other	2013	9,589	32.00	306,835	TON	115.00	35,286,000
	2012	8,908	32.90	293,079	TON	112.04	32,838,000
TOTAL CARROTS	2013	13,698					69,959,000
	2012	12,726					66,840,000
CAULIFLOWER (Market)	2013	3,913	793	3,103,009	23 LB CTN	12.92	40,101,000
	2012	4,126	722	2,978,972	23 LB CTN	9.47	28,211,000
HEAD LETTUCE Naked Pack	2013			3,758,171	50 LB CTN	7.18	26,975,000
	2012			2,950,651	50 LB CTN	6.55	19,327,000
Wrap Pack	2013			6,942,552	40 LB CTN	9.82	68,176,000
	2012			6,112,972	40 LB CTN	7.69	47,009,000
Bulk	2013			5,407,440	50 LB CTN	7.18	38,813,000
	2012			6,307,706	50 LB CTN	6.55	41,315,000
TOTAL HEAD LETTUCE	2013	22,531		16,108,163	CTN	8.32	133,964,000
	2012	21,167		15,371,329	CTN	7.00	107,651,000
LEAF LETTUCE	2013	9,967	965	9,621,893	35 LB CTN	7.99	76,875,000
	2012	9,660	950	9,177,000	35 LB CTN	8.81	80,849,000
SALAD PRODUCTS	2013			6,378,938	LB	0.54	3,423,000
	2012			16,000,000	LB	0.39	10,140,000
SPRING MIX	2013	5,977	6,180	36,939,336	LB	0.88	32,383,000
	2012	9,235	5,058	46,712,723	LB	0.70	32,699,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

SPRING MIX: May include Green Leaf Lettuce, Red Leaf Lettuce, Baby Leaf Lettuces, Beet Tops, Mizuna, Mustard, Baby Spinach



IMPERIAL COUNTY Vegetable & Melon Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ONIONS Market	2013	4,421	1,261	5,573,618	50 LB SACK	9.22	51,391,000
	2012	3,790	1,301	4,930,790	50 LB SACK	8.43	41,567,000
Processor	2013	4,484	16.63	74,547	TON	146.20	10,899,000
	2012	4,713	18.67	87,992	TON	144.52	12,717,000
TOTAL ONIONS	2013	8,905					62,290,000
	2012	8,503					54,284,000
POTATOES	2013	2,593	320	829,760	CWT	20.00	16,595,000
	2012	2,211	310	685,410	CWT	23.50	16,107,000
SPINACH	2013	4,750	7,653	36,352,819	LB	0.93	33,910,000
	2012	4,106	8,837	36,284,722	LB	0.47	17,054,000
SWEET CORN	2013	8,571	360	3,081,275	50 LB CTN	12.47	38,414,000
	2012	7,629	609	4,646,061	50 LB CTN	10.52	48,877,000
ROMAINE	2013	6,876	846	5,813,658	35 LB CTN	5.15	29,913,000
	2012	7,743	766	5,931,138	35 LB CTN	10.05	59,608,000
MISC. VEGETABLES	2013	8,094					130,969,000
	2012	8,502					52,454,000
CANTALOUPE	2013	5,888	741	4,363,008	40 LB CTN	9.00	39,267,000
	2012	5,396	766	4,133,336	40 LB CTN	9.12	37,696,000
HONEYDEW & MISC. MELONS	2013	467	596	278,099	40 LB CTN	11.47	3,190,000
	2012	1,000	704	704,127	40 LB CTN	7.42	5,225,000
WATERMELONS	2013	1,583	16.50	26,120	TON	300.00	7,836,000
	2012	967	27.50	26,593	TON	250.00	6,648,000
Total 2013	ACRES		121,371			VALUE	865,401,000
Total 2012	ACRES		118,940			VALUE	718,219,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

MISC. VEGETABLES: May include Artichoke, Arugula, Asparagus, Asian Greens, Basil, Beans, Beets, Bok Choy, Brussel Sprout, Celery, Chervil, Chive, Cilantro, Collard, Cucumber, Dill, Endive, Fennel, Garbanzo Beans, Kale, Leek, Mint, Napa Cabbage, Okra, Oregano, Parsley, Peas, Pepper, Radish, Rapini, Rosemary, Rutabaga, Sage, Squash, Swiss Chard, Tarragon, Thyme, Tomato, Turnip



IMPERIAL COUNTY Fruit & Nut Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
DATES	2013	1,976	2.31	4,563.51	TON	11,405.48	52,049,000
	2012	1,721	3.00	5,163.00	TON	11,600.04	59,891,000
GRAPEFRUIT	2013	1,022	7.15	7,307.25	TON	346.78	2,534,000
	2012	510	11.03	5,623.75	TON	179.42	1,009,000
LEMONS	2013	3,192	9.78	31,215.31	TON	971.25	30,318,000
	2012	2,240	12.86	28,816.36	TON	603.65	17,395,000
ORANGES	2013	193	1.04	201.51	TON	461.52	93,000
	2012	320	12.52	4,007.25	TON	74.86	300,000
TANGERINES ^①	2013	481	11.93	5,736.37	TON	924.10	5,301,000
	2012	190	0.00	0.00	TON	0.00	0
MISC. CITRUS, FRUIT & NUT CROPS ^②	2013	929	3.32	3,086.67	TON	2,881.10	8,893,000
	2012	1,183	2.52	2,979.74	TON	1,533.02	4,568,000
CITRUS BY-PRODUCTS	2013			7,107.87	TON	116.91	831,000
	2012			15,430.13	TON	129.03	1,991,000
TOTAL 2013	ACRES	7,793				VALUE	100,019,000
TOTAL 2012	ACRES	6,164				VALUE	85,154,000
NUMBERS MAY NOT COMPUTE DUE TO ROUNDING							
① 2012 No Harvest due to Frost							
② 2013 MISC. CITRUS FRUIT & NUT CROPS: May include Figs, Grapes, Limes, Mangos, Olives, Tangelos							

Apiary Products

	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	2013	39,440	10.70	421,900.00	LBS	4.50	1,899,000
	2012	30,684	17.88	548,534.00	LBS	1.80	985,000
WAX	2013	9,300	0.79	7,350.00	LBS	2.86	21,000
	2012	21,384	0.22	4,788.00	LBS	2.92	14,000
POLLINATION	2013	51,506			COL	54.13	2,788,000
	2012	43,588			COL	49.20	2,145,000
TOTAL 2013						VALUE	4,708,000
TOTAL 2012						VALUE	3,144,000
NUMBERS MAY NOT COMPUTE DUE TO ROUNDING							

IMPERIAL COUNTY Seed Crops & Nursery Products

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
NON-CERTIFIED SEED							
ALFALFA SEED	2013	10,092	553	5,585,655	LBS	3.07	17,151,000
	2012	10,722	472	5,062,593	LBS	3.00	15,188,000
BERMUDAGRASS SEED	2013	26,699	253	6,754,847	LBS	3.65	24,655,000
	2012	7,946	387	3,075,103	LBS	3.58	10,998,000
ONION SEED	2013	1,415	196	276,886	LBS	20.99	5,811,000
	2012	1,918	200	383,600	LBS	8.00	3,069,000
MISC. SEED CROPS & NURSERY PRODUCTS	2013	2,511					7,004,000
	2012	1,363					3,808,000
TOTAL NON-CERTIFIED SEED 2013		ACRES	40,717			VALUE	54,621,000
TOTAL NON-CERTIFIED SEED 2012		ACRES	21,949			VALUE	33,063,000
CERTIFIED SEED							
ALFALFA SEED	2013	19,909	544	10,820,542	LBS	3.75	40,577,000
	2012	15,846	446	7,061,519	LBS	3.85	27,187,000
BERMUDAGRASS SEED	2013	4,076	248	1,010,848	LBS	3.75	3,791,000
	2012	3,230	390	1,259,700	LBS	3.45	4,346,000
MISC. CERTIFIED SEED	2013	3,335					1,568,000
	2012	2,404					2,836,000
TOTAL CERTIFIED SEED 2013		ACRES	27,320			VALUE	45,936,000
TOTAL CERTIFIED SEED 2012		ACRES	21,480			VALUE	34,369,000
TOTAL SEED & NURSERY 2013		ACRES	68,037			VALUE	100,557,000
TOTAL SEED & NURSERY 2012		ACRES	43,429			VALUE	67,432,000
NUMBERS MAY NOT COMPUTE DUE TO ROUNDING							
MISC. SEED CROPS & NURSERY PRODUCTS: May include Broccoli Seed, Flower Seed, Grass Seed, Rape Seed, Sudangrass Seed, Sunflower Seed, Vegetable Seed, Wheat Seed, Cut Flowers, Palm Trees, Vegetable Transplants							



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	493	Citrus
European Corn Borer	Pheromone	13	Corn & Sorghum
Various Exotic Fruit Flies	Feeding Attractant	97	Fruit Trees & Vegetables
Glassy-winged Sharpshooter	Yellow Sticky Trap	480	Crops & Ornamentals
Gypsy Moth	Pheromone	58	Shade Trees
Japanese Beetle	Pheromone	59	Turf & Flowers
Khapra Beetle	Feeding Attractant/Pheromone	37	Stored Food Products
Mediterranean Fruit Fly	Pheromone	121	Fruit Trees
Melon Fruit Fly	Pheromone	121	Vegetables
Mexican Fruit Fly	Feeding Attractant	121	Fruit Trees
Oriental Fruit Fly	Pheromone	121	Fruit Trees

SURVEY

TARGET PEST	SETTING	SCOPE OF PROGRAM
Asian Citrus Psyllid Survey	Commercial and Residential Citrus	5,096 visual surveys
Citrus Health Survey	Citrus Orchards	1,754 Acres
Noxious Weeds	Agriculture and Urban	87 Positive sites; 1,314 Miles Surveyed
Karnal Bunt	Wheat	10 Sites
Red Imported Fire Ant	High Risk Sites	165 Sites
Pathogens of Concern for Export of Seed (by application only)	Seed Fields	284 Fields Surveyed
Glassy-winged Sharpshooter	Retail Nursery Stock Shipments	1,698 Shipments Inspected
Glassy-winged Sharpshooter	Bulk Citrus Fruit	129 Shipments Inspected

BIOLOGICAL CONTROL

TARGET PEST	BIOCONTROL AGENT	SCOPE OF PROGRAM
Puncture Vine, Tribulus terrestris	Hand/Mechanical Removal	10 Sites

PEST EXCLUSION PROGRAM

PHYTOSANITARY CERTIFICATE

TYPE OF PHYTOCERTIFICATE	COMMODITY	CERTIFICATES ISSUED	DESTINATION
Domestic	Hay, Produce and Seed	14,097	Japan, Mexico, Republic of Korea, China, United Arab Emirates, Australia, Taiwan, Canada, Peru, Saudi Arabia
Re-Export	Various	372	Mexico, Australia, Singapore, Sri Lanka, Bolivarian Republic of Venezuela
Process Product	N/A	0	N/A

QUARANTINE

TYPE OF CERTIFICATE	COMMODITY	CERTIFICATES ISSUED	DESTINATION
California State Phytos	Produce, Plants, and Seeds	641	Arizona, Florida, Guam, Hawaii, Louisiana, Mississippi, Nevada, Oregon, Puerto Rico, Texas
Quarantine Compliance	Plants and Seeds	21	California Counties

INSPECTIONS

SEED	NUMBER OF LOTS	POUNDS	ORIGIN
Field & Vegetable Seed Crops	1,460	26,508,424	Arizona, Canada, Idaho, Mexico, North Carolina, Netherlands, Ohio, Oregon, Texas, Washington, Wyoming
Seed Samples for Export Compliance	121 (samples)	-	-

TYPE OF INSPECTION	NUMBER OF INSPECTIONS	PEST	REJECTIONS
Bees for Pollination	1	Red Imported Fire Ant	None
Outdoor Furniture	0	Gypsy Moth	None

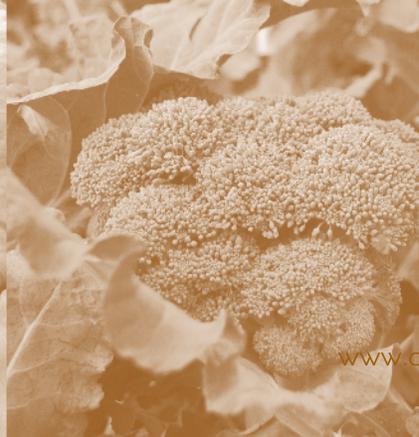
ORGANIC GROWER PROGRAM

COMMODITY	NUMBER OF FARMS	ACREAGE	GROSS SALES
Fruits, Vegetables, Grains, Hay	20	19,433	\$80,904,211



IMPERIAL COUNTY Top Ten Commodities

2013 RANKING			2012 RANKING
1	CATTLE	\$552,004,000	1
2	ALFALFA	174,840,000	2
3	HEAD LETTUCE	133,964,000	4
4	BROCCOLI	112,139,000	5
5	LEAF LETTUCE	76,875,000	6
6	BERMUDAGRASS	70,220,000	10
7	CARROTS	69,959,000	8
8	ONIONS	62,290,000	13
9	SUGAR BEETS	61,571,000	7
10	SUDANGRASS	54,646,000	9





Connie L. Valenzuela
Agricultural Commissioner
Sealer Of Weights and Measures
852 Broadway
El Centro, CA 92243-2850