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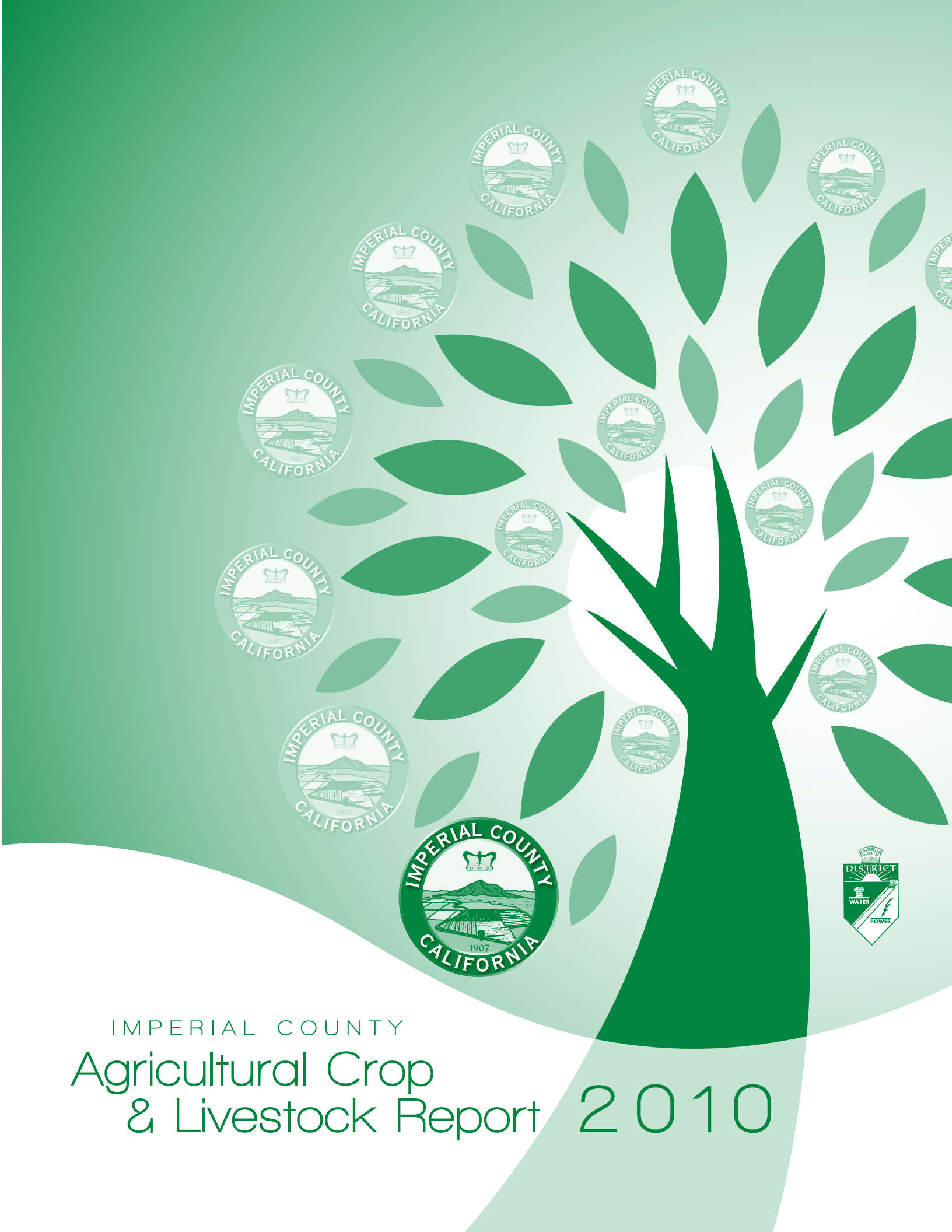
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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Imperial County

2010-2014



IMPERIAL COUNTY  
Agricultural Crop  
& Livestock Report 2010

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](mailto:agcom@co.imperial.ca.us)

May 24, 2011

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

In accordance with the requirements of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2010 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 2010. 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 2010 gross production was valued at \$1,598,534,000. This is an increase of \$145,564,000 (10%) compared to the 2009 figure (\$1,452,970,000), but is below the 2008 gross value of \$1,684,522,000. Field Crops showed an overall increase of 15% in value compared to 2009, with the largest gains in sugar beets, sudan-grass hay, cotton, and alfalfa hay. The overall gain in Vegetable and Melon Crops was more than 17% with the largest gains in market onions, spinach, melons, leaf lettuce, and "misc. vegetables" which includes smaller acreages of 35 different crops. Gains were generally due to increases in acreage and price. Cattle again ranked as our number one commodity, despite a drop in gross value of over \$19 million (6.8%).

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 2010 Summary

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
VEGETABLE & MELON CROPS	2010	115,501	809,126,000
	2009	114,099	690,311,000
FIELD CROPS	2010	352,760	360,139,000
	2009	353,128	312,554,000
LIVESTOCK	2010		321,022,000
	2009		343,201,000
FRUIT & NUT CROPS	2010	7,104	51,294,000
	2009	6,745	47,765,000
SEED & NURSERY CROPS	2010	53,969	52,952,000
	2009	62,237	55,577,000
APIARY PRODUCTS	2010		4,001,000
	2009		3,562,000
TOTALS	2010	529,334	1,598,534,000
	2009	536,209	1,452,970,000

“Connie began her career with Imperial County in 1984 when she was hired as a seasonal cotton pest trapper. A native of New York, she grew up in the Catskill Mountains surrounded by woods, hay fields and dairy cows. Working as a shepherd first brought her to the Imperial Valley, where she worked one winter as a sheep camp cook. At the end of the season, after walking into the Ag Commissioner’s office seeking work, she was hired to her “temporary” position that has now lasted more than 26 years.



Connie Valenzuela,  
*Imperial County Agriculture Commissioner*

Over the years, Connie has worked her way up through the ranks at the Ag Commissioner’s Office serving as an Agricultural Biologist in every division of the department including standardization, apiary inspection, phytosanitary certification, pesticide use enforcement, weights & measures, and egg inspection. Connie has learned every aspect of the Ag Commissioner duties through hard work and dedication.”

Excerpt: Imperial County Farm Bureau Newsletter.





# IMPERIAL COUNTY Livestock

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN	UNIT	VALUE PER UNIT	GROSS VALUE
<b>CATTLE</b> (Feedlot)	2010	298,196	10.17	3,032,653	CWT	88.21	267,510,000
	2009	373,866	9.70	3,626,500	CWT	79.14	287,001,000
<b>SHEEP</b> (Feeders)	2010	130,000	0.33	42,900	CWT	103.06	4,421,000
	2009	140,000	0.40	56,000	CWT	97.77	5,475,000
<b>WOOL</b>	2010	130,000	4.00	520,000	LBS	0.67	348,000
	2009	140,000	3.17	443,800	LBS	0.36	160,000
<b>AQUATIC PRODUCTS</b> (Fish & Algae)	2010						6,492,000
	2009						13,393,000
<b>MISC. LIVESTOCK</b> (Calves, Cattle, Cavies, Dairy Animals, Goats, Lambs, Milk, Poultry, Rabbits & Swine)	2010						42,251,000
	2009						37,172,000
					<b>VALUE 2010</b>		321,022,000
					<b>VALUE 2009</b>		343,201,000

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)	2010	136,815	7.95	1,087,679.25	TON	118.81	129,227,000
	2009	112,912	7.02	792,642.24	TON	107.67	85,344,000
BERMUDAGRASS HAY	2010	48,726	7.01	341,569.26	TON	115.86	39,574,000
	2009	49,313	6.00	295,878.00	TON	110.23	32,615,000
COTTON (Lint)	2010	4,563	3.72 A	16,974.36	BALE	510.00	8,657,000
	2009	2,120	3.50 A	7,420.00	BALE	320.00	2,374,000
COTTON (Seed)	2010			6,525.00	TON	210.37	1,373,000
	2009			2,840.80	TON	183.25	521,000
KLEINGRASS HAY	2010	12,528	10.33	129,414.24	TON	103.33	13,372,000
	2009	14,129	10.50	148,354.50	TON	96.00	14,242,000
PASTURED CROPS	2010	79,576*			ACRE	41.99	3,341,000
	2009	74,783*			ACRE	38.69	2,893,000
BALED STRAW	2010			65,406.00	TON	38.30	2,505,000
	2009			53,498.00	TON	27.26	1,458,000
SUDANGRASS HAY	2010	59,403	5.93	352,259.79	TON	132.29	46,600,000
	2009	34,404	6.66	229,130.64	TON	121.84	27,917,000
SUGAR BEETS	2010	25,188	43.91	1,106,005.08	TON	63.38	70,099,000
	2009	18,022	45.20	814,594.40	TON	51.27	41,764,000
WHEAT	2010	58,562	3.79	221,949.98	TON	191.14	42,424,000
	2009	111,638	3.53	394,082.14	TON	248.33	97,862,000
MISC. FIELD CROPS	2010	6,031					2,967,000
	2009	10,590					5,564,000
<b>TOTALS</b>	2010	<b>ACRES</b>		351,816		<b>VALUE</b>	360,139,000
<b>TOTALS</b>	2009	<b>ACRES</b>		353,128		<b>VALUE</b>	312,554,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

MISC. FIELD CROPS = Barley Grain, Field Corn, Corn Silage, Flax, Mixed Grasses, Oat Hay, Ryegrass Hay, Safflower, Sorghum Grain, Sorghum Silage, Triticale Grain.

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

\* = Pastured one time. Acres are not included in the Totals section

A = 500 lb. Bales

# IMPERIAL COUNTY Vegetable & Melon Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
<b>BROCCOLI (Market)</b>	2010	12,215	660	8,061,900	26 LB CTN	9.34	75,298,000
	2009	12,078	670	8,092,260	26 LB CTN	9.82	79,466,000
<b>CABBAGE (Market)</b>	2010	1,147	845	969,215	45 LB CTN	7.10	6,881,000
	2009	953	721	687,113	45 LB CTN	7.53	5,174,000
<b>CARROTS (Market)</b>	2010	5,001	850	4,250,850	50 LB BAG	8.12	34,517,000
	2009	5,675	853	4,840,775	50 LB BAG	5.74	27,786,000
Processing & Other	2010	7,502	44.00	330,088	TON	90.00	29,708,000
	2009	8,512	37.12	315,965	TON	85.00	26,857,000
<b>TOTAL CARROTS</b>	2010	12,503					64,225,000
	2009	14,187					54,643,000
<b>CAULIFLOWER (Market)</b>	2010	3,341	765	2,555,865	23 LB CTN	10.55	26,964,000
	2009	4,363	760	3,315,880	23 LB CTN	9.57	31,733,000
<b>SWEET CORN</b>	2010	10,523	397	4,177,631	50 LB CTN	9.20	38,434,000
	2009	8,030	425	3,412,750	50 LB CTN	10.20	34,810,000
<b>HEAD LETTUCE</b> Naked Pack	2010			990,048	50 LB CTN	8.26	8,178,000
	2009			1,081,357	50 LB CTN	8.72	9,429,000
Wrap Pack	2010			8,240,087	40 LB CTN	10.52	86,686,000
	2009			9,290,373	40 LB CTN	11.16	103,681,000
Bulk	2010			5,671,296	50 LB CTN	5.25*	29,774,000
	2009			6,397,504	50 LB CTN	5.25*	33,587,000
<b>TOTAL HEAD LETTUCE</b>	2010	19,657		14,901,431	CTN	8.36	124,638,000
	2009	21,873		16,769,234	CTN	8.75	146,697,000
<b>LEAF LETTUCE</b>	2010	14,138	958	13,544,204	35 LB CTN	12.26	166,052,000
	2009	14,271	950	13,557,450	35 LB CTN	8.55	115,916,000
<b>SALAD PRODUCTS</b>	2010			27,236,127	LB	0.39	10,622,000
	2009			30,092,638	LB	0.39	11,736,000
<b>SPRING MIX</b>	2010	5,673	7,000	39,711,000	LB	0.85	33,754,000
	2009	6,251	7,000	43,757,000	LB	0.85	37,193,000

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
<b>ONIONS</b>							
Market	2010	3,392	1,200	4,070,400	50 LB SACK	16.00	65,126,000
	2009	3,788	1,500	5,682,000	50 LB SACK	4.70	26,705,000
Processor	2010	4,974	22.00	109,428	TON	100.00	10,943,000
	2009	6,180	21.68	133,982	TON	138.62	18,573,000
<b>TOTAL ONIONS</b>	2010	8,366					76,069,000
	2009	9,968					45,278,000
<b>POTATOES</b>	2010	1,347	258	347,526	CWT	34.08	11,844,000
	2009	1,432	196	280,672	CWT	40.44	11,350,000
<b>SPINACH</b>	2010	6,184	10,000	61,840,000	LB	0.33 *	20,407,000
	2009	4,210	9,000	37,890,000	LB	0.35 *	13,262,000
<b>MISC. VEGETABLES</b>	2010	9,934					80,217,000
	2009	7,660					56,004,000
<b>CANTALOUPE</b>	2010	7,795	740	5,768,300	40 LB CTN	9.30	53,645,000
	2009	6,843	730	4,995,390	40 LB CTN	7.07	35,317,000
<b>HONEYDEW &amp; MISC. MELONS</b>	2010	1,041	753	783,873	40 LB CTN	8.78	6,882,000
	2009	693	954	661,122	40 LB CTN	6.61	4,370,000
<b>WATERMELONS</b>	2010	1,637	31.00	50,747	TON	260.00	13,194,000
	2009	1,287	26.00	33,462	TON	220.00	7,362,000
<b>TOTALS 2010</b>	<b>ACRES</b>	115,501				<b>VALUE</b>	809,126,000
<b>TOTALS 2009</b>	<b>ACRES</b>	114,099				<b>VALUE</b>	690,311,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

\*NET OF HARVEST

MISC. VEGETABLES = Aloe Vera, Arugula, Artichokes, Asparagus, Beans, Black Eyed Beans, Beets, Bok Choy, Napa Cabbage, Celery, Chive, Chinese Spinach, Cilantro, Collard, Cucumber, Dandelion Greens, Eggplant, Endive, Fennel, Gai Lon, Herbs Mixed, Kale, Leek, Mizuna, Mustard Greens, Okra, Parsley, Parsnip, Peas, Peppers, Rapini, Rutabagas, 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
<b>DATES</b>							
Harvested	2010	1,151	3.33	3,832.83	TON	5,423.85	20,789,000
Non-Bearing	2010	340					
Harvested	2009	1,051	2.68	2,816.68	TON	6,337.00	17,849,000
<b>GRAPEFRUIT</b>							
Harvested	2010	838	4.65	3,896.70	TON	444.99	1,734,000
Non-Bearing	2010	230					
Harvested	2009	755	5.07	3,827.85	TON	406.70	1,557,000
<b>LEMONS</b>							
Harvested	2010	3,732	8.02	29,930.64	TON	657.89	19,691,000
Non-Bearing	2010	276					
Harvested	2009	3,335	10.54	35,150.90	TON	584.36	20,541,000
<b>ORANGES (Valencia)</b>							
Harvested	2010	116	4.00	464.00	TON	562.67	261,000
Non-Bearing	2010	89					
Harvested	2009	345	4.19	1,445.55	TON	369.60	534,000
<b>TANGERINES</b>							
Harvested	2010	185	5.17	956.45	TON	768.00	735,000
Non-Bearing	2010	0					
Harvested	2009	245	3.04	744.80	TON	848.80	632,000
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
Harvested	2010	1,082	7.22	7,812.04	TON	890.50	6,957,000
Non-Bearing	2010	615					
Harvested	2009	1,014	4.81	4,877.34	TON	1,088.00	5,307,000
<b>CITRUS BY-PRODUCTS</b>							
	2010			14,183.76	TON	79.43	1,127,000
	2009			16,363.00	TON	82.17	1,345,000
<b>TOTALS</b>	2010	<b>ACRES</b>	7,104			<b>VALUE</b>	51,294,000
<b>TOTALS</b>	2009	<b>ACRES</b>	6,745			<b>VALUE</b>	47,765,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

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	2010	10,199	430	4,385,570	LBS	1.83	8,026,000
	2009	14,878	531	7,900,218	LBS	1.79	14,141,000
BERMUDAGRASS SEED	2010	19,485	306	5,962,410	LBS	2.23	13,296,000
	2009	18,487	284	5,250,308	LBS	1.41	7,403,000
ONION SEED	2010	1,535	225	345,375	LBS	26.11	9,018,000
	2009	1,197	200	239,400	LBS	27.50	6,584,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS	2010	865					2,993,000
	2009	246					4,203,000
<b>TOTAL NON-CERTIFIED SEED 2010</b>		<b>ACRES</b>		32,084		<b>VALUE</b>	33,333,000
<b>TOTAL NON-CERTIFIED SEED 2009</b>		<b>ACRES</b>		34,808		<b>VALUE</b>	32,331,000

## CERTIFIED SEED

ALFALFA SEED	2010	14,070	487	6,852,090	LBS	2.08	14,252,000
	2009	18,092	561	10,149,612	LBS	1.72	17,457,000
BERMUDAGRASS SEED	2010	6,483	292	1,893,036	LBS	2.35	4,449,000
	2009	7,804	276	2,153,904	LBS	2.32	4,997,000
MISCELLANEOUS CERTIFIED SEED	2010	1,332					918,000
	2009	1,533					792,000
<b>TOTAL CERTIFIED SEED 2010</b>		<b>ACRES</b>		21,885		<b>VALUE</b>	19,619,000
<b>TOTAL CERTIFIED SEED 2009</b>		<b>ACRES</b>		27,429		<b>VALUE</b>	23,246,000
<b>TOTAL SEED 2010</b>		<b>ACRES</b>		53,969		<b>VALUE</b>	52,952,000
<b>TOTAL SEED 2009</b>		<b>ACRES</b>		62,237		<b>VALUE</b>	55,577,000

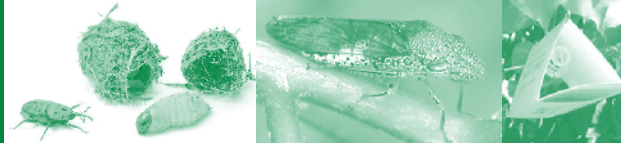
NUMBERS MAY NOT COMPUTE DUE TO ROUNDING  
 MISC. FIELD, VEGETABLE AND FLOWER SEED CROPS  
 AND NURSERY PRODUCTS = Cilantro, Corn, Cut Flowers, Forage Hay, Mustard, Palm Trees  
 MISCELLANEOUS CERTIFIED SEED = Barley, Rape, Sudangrass and Wheat.

## Apiary Products

CROP	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	2010	47,794	20.01	956,357.94	LBS	1.23	1,176,000
	2009	48,680	12.00	584,160.00	LBS	1.03	602,000
WAX	2010	30,886	0.56	17,296.16	LBS	2.00	35,000
	2009	44,528	0.37	16,475.36	LBS	1.68	28,000
POLLINATION	2010	61,409			COL	45.44	2,790,000
	2009	64,401			COL	45.53	2,932,000
<b>VALUE 2010</b>							4,001,000
<b>VALUE 2009</b>							3,562,000

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	220	Citrus
European Corn Borer	Pheromone	12	Corn & Sorghum
Various Exotic Fruit Flies	Feeding Attractant	95	Fruit Trees & Vegetables
Glassy-winged Sharpshooter	Yellow Sticky Trap	390	Crops & Ornamentals
Gypsy Moth	Pheromone	53	Shade Trees
Japanese Beetle	Pheromone	57	Turf & Flowers
Khapra Beetle	Feeding Attractant	29	Stored Food Products
Light Brown Apple Moth	Pheromone	235	Crops & Ornamentals
Mediterranean Fruit Fly	Pheromone	110	Fruit Trees
Melon Fruit Fly	Pheromone	108	Vegetables
Mexican Fruit Fly	Feeding Attractant	112	Fruit Trees
Oriental Fruit Fly	Pheromone	111	Fruit Trees
DF Moth	Pheromone	12	Ornamentals

### SURVEY

TARGET PEST	SETTING	SCOPE OF PROGRAM
Asian Citrus Psyllid Survey	Commercial and Residential Citrus	7,259 Visual Surveys
Citrus Health Survey	Citrus Orchards	1,421 Acres
Noxious Weeds	Agriculture & Urban	145 Positive Sites; 1,168 Miles Surveyed
Karnal Bunt	Wheat	10 Sites
Red Imported Fire Ant	High Risk Sites	62 Sites
Pathogens of Concern for Export of Seed (by application only)	Seed Fields	197 Fields Surveyed
Glassy-winged Sharpshooter	Retail Nursery Stock Shipments	1905 Shipments Inspected
Glassy-winged Sharpshooter	Bulk Citrus Fruit	77 Shipments Inspected

### BIOLOGICAL CONTROL

TARGET PEST	BIOCONTROL AGENT	SCOPE OF PROGRAM
Puncture Vine, Tribulus terrestris	Stem and seed weevils ( <i>Microlarinus</i> spp)	42 sites
Puncture Vine, Tribulus terrestris	Hand/Mechanical Removal	21 sites

## PEST EXCLUSION PROGRAM

### PHYTOSANITARY CERTIFICATE

TYPE OF PHYTOCERTIFICATE	COMMODITY	CERTIFICATES ISSUED	DESTINATION
Domestic	Hay and Corn	13,460	South/Central America, Japan, Korea and Taiwan
Re-Export	Various	1,813	South/Central America, Japan, Korea and Taiwan
Process Product	Animal Feed	15	

### QUARANTINE

TYPE OF CERTIFICATE	COMMODITY	CERTIFICATES ISSUED	DESTINATION
California State Phytos Quarantine Compliance	Hay, Produce and Seed Produce and Nursery Stock	724 270	Hawaii California Counties, Arizona, Florida, Nevada and Texas

### INSPECTIONS

SEED	NUMBER OF LOTS	POUNDS	DESTINATION
Field Crops	648	20,455,505	US and Other Countries
Vegetable Crops	331	2,519,826	US and Other Countries
Seed Samples for Export Compliance	100		

TYPE OF INSPECTION	NUMBER OF INSPECTIONS	PEST	REJECTIONS
Bees for Pollination	15	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	6,612	\$36,161,000.00





## IMPERIAL COUNTY Top Ten Commodities

2010 RANKING			2009 RANKING
1	CATTLE	\$267,510,000	1
2	LEAF LETTUCE	166,052,000	3
3	ALFALFA	129,227,000	5
4	HEAD LETTUCE	124,638,000	2
5	ONIONS	76,069,000	8
6	BROCCOLI	75,298,000	6
7	SUGAR BEETS	70,099,000	9
8	CARROTS	64,225,000	7
9	CANTALOUPE	53,645,000	13
10	SUDANGRASS	46,600,000	16

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Connie L. Valenzuela  
Office Of Agricultural Commissioner  
Sealer Of Weights and Measures  
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IMPERIAL COUNTY

# Agricultural Crop & Livestock Report

# 2011



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

E-mail: [agcom@co.imperial.ca.us](mailto:agcom@co.imperial.ca.us)

June 5, 2012

**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
<b>TOTALS</b>	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
<b>TOTALS</b>	2011	<b>ACRES</b>		365,015		<b>VALUE</b>	518,257,000
<b>TOTALS</b>	2010	<b>ACRES</b>		351,816		<b>VALUE</b>	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
<b>TOTAL ONIONS</b>		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	
<b>TOTALS 2011</b>	<b>ACRES</b>	109,806			<b>VALUE</b>	903,959,000		
<b>TOTALS 2010</b>	<b>ACRES</b>	115,501			<b>VALUE</b>	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
<b>DATES</b>							
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
<b>GRAPEFRUIT</b>							
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
<b>LEMONS</b>							
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
<b>ORANGES (Valencia)</b>							
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
<b>TANGERINES</b>							
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
<b>MISC. CITRUS, FRUIT &amp; NUT CROPS</b>							
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
<b>CITRUS BY-PRODUCTS</b>							
	2011			21,367.00	TON	85.70	1,831,000
	2010			14,183.76	TON	79.43	1,127,000
<b>TOTALS</b>	2011	<b>ACRES</b>	7,629			<b>VALUE</b>	64,237,000
<b>TOTALS</b>	2010	<b>ACRES</b>	7,104			<b>VALUE</b>	51,294,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

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
<b>TOTAL NON-CERTIFIED SEED 2011</b>		<b>ACRES</b>		<b>29,746</b>		<b>VALUE</b>	<b>40,132,000</b>
<b>TOTAL NON-CERTIFIED SEED 2010</b>		<b>ACRES</b>		<b>32,084</b>		<b>VALUE</b>	<b>33,333,000</b>

### 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
<b>TOTAL CERTIFIED SEED 2011</b>		<b>ACRES</b>		<b>19,351</b>		<b>VALUE</b>	<b>28,745,000</b>
<b>TOTAL CERTIFIED SEED 2010</b>		<b>ACRES</b>		<b>21,885</b>		<b>VALUE</b>	<b>19,619,000</b>
<b>TOTAL SEED 2011</b>		<b>ACRES</b>		<b>49,097</b>		<b>VALUE</b>	<b>68,877,000</b>
<b>TOTAL SEED 2010</b>		<b>ACRES</b>		<b>53,969</b>		<b>VALUE</b>	<b>52,952,000</b>

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING  
 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
						<b>VALUE 2011</b>	<b>4,877,000</b>
						<b>VALUE 2010</b>	<b>4,001,000</b>

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



IMPERIAL COUNTY



Agricultural Crop  
& Livestock Report

2012



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](mailto:agcom@co.imperial.ca.us)

October 22, 2013

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

And

**The Honorable Board of Supervisors, County of Imperial**

Supervisor, Raymond Castillo, Chairman, District 5  
Supervisor John Renison, Vice-Chairman, District 1  
Supervisor Jesus "Jack" Terrazas, District 2  
Supervisor Michael W. Kelley, District 3  
Supervisor Ryan E. Kelley, District 4

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The 2012 gross production was valued at \$1,945,759,000. This is a decrease of \$18,328,000 (0.93%) compared to the 2011 gross value of \$1,964,087,000, but is still an increase of \$347,225,000 (21.72%) over the 2010 gross value of \$1,598,534,000. Fruit and Nut Crops showed an overall increase of almost 33% in value compared to 2011, with the largest gain in Dates. Cattle showed a gain of \$89,163,000 (27.44%) over 2011, due to an increase in head count and price, and again ranked as our number one commodity. Wheat, with an increase of 59%, rose in rank from ninth (9<sup>th</sup>) to third (3<sup>rd</sup>), due to increased acres and price. The overall gain in Field Crops was 13.45%. The biggest losses were to Vegetable & Melon, Seed & Nursery Crops and Apiary Products. Most of the losses are tied to changes in market availability and drop in market prices. Total harvested acreage increased 6.36%, acreage increased in Vegetable and Melon Crop and Field Crop categories, while acreage decreased in the Fruit and Nut Crops 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 Phyllis Cason, Special Projects Coordinator, for her hard work in compiling this annual report.

Sincerely,

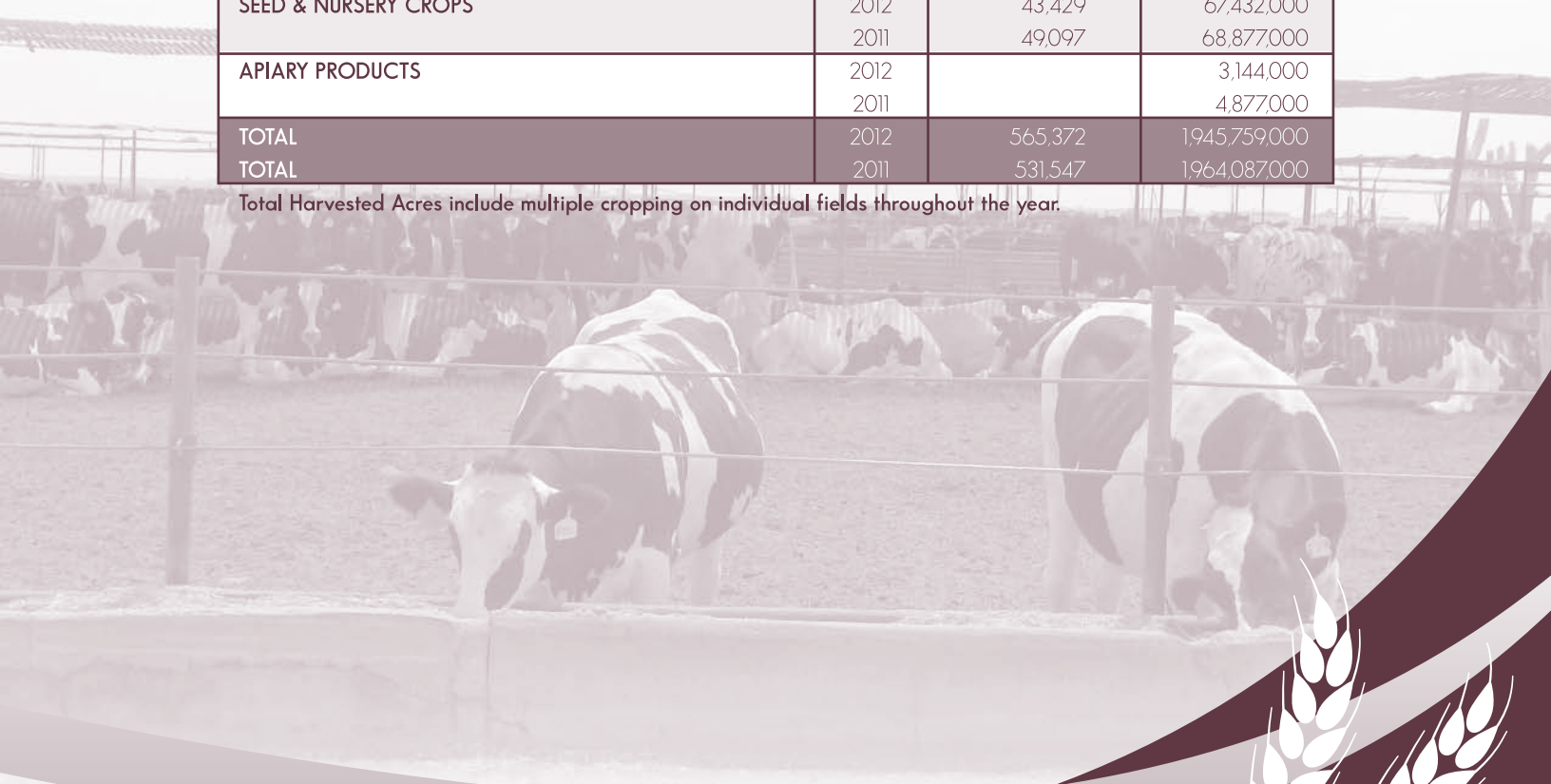
Connie L. Valenzuela  
Agricultural Commissioner



# IMPERIAL COUNTY 2012 Summary

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
LIVESTOCK	2012		483,833,000
	2011		403,880,000
FIELD CROPS	2012	396,839	587,977,000
	2011	365,015	518,257,000
VEGETABLE & MELON CROPS	2012	118,940	718,219,000
	2011	109,806	903,959,000
FRUIT & NUT CROPS	2012	6,164	85,154,000
	2011	7,629	64,237,000
SEED & NURSERY CROPS	2012	43,429	67,432,000
	2011	49,097	68,877,000
APIARY PRODUCTS	2012		3,144,000
	2011		4,877,000
TOTAL	2012	565,372	1,945,759,000
TOTAL	2011	531,547	1,964,087,000

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



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# IMPERIAL COUNTY Livestock

CROP	YEAR	TOTAL HEAD	UNIT GAIN	TOTAL GAIN	UNIT	VALUE PER UNIT	GROSS VALUE
CATTLE (Feedlot)	2012	356,081	9.75	3,471,667	CWT	119.27	414,061,000
	2011	299,637	10.08	3,020,341	CWT	107.57	324,898,000
SHEEP (Feeders)	2012	70,100	0.51	36,055	CWT	103.07	3,716,000
	2011	140,000	0.40	56,000	CWT	143.75	8,050,000
WOOL	2012	70,100	3.50	245,350	LBS	1.00	245,000
	2011	140,000	3.50	490,000	LBS	0.99	485,000
AQUATIC PRODUCTS (Fish & Algae)	2012						11,426,000
	2011						8,142,000
MISC. LIVESTOCK	2012						54,385,000
	2011						62,305,000
TOTAL	2012					VALUE	483,833,000
TOTAL	2011					VALUE	403,880,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING  
MISC. LIVESTOCK: Calves, Cattle, Cavies, Dairy Animals, Goats, Lambs, Milk, Poultry, Rabbits & Swine



# IMPERIAL COUNTY Field Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
ALFALFA HAY (Boled)	2012	132,737	7.46	990,105.17	TON	216.75	214,601,000
	2011	118,419	7.29	863,274.51	TON	220.75	190,568,000
BERMUDAGRASS HAY	2012	46,140	6.25	288,375.00	TON	220.00	63,443,000
	2011	48,267	7.83	377,930.61	TON	189.00	71,429,000
COTTON (Lint) <sup>1</sup>	2012	5,233	4.49	23,520.00	BALE	354.29	8,333,000
	2011	6,791	3.21	21,799.11	BALE	455.00	9,919,000
COTTON (Seed)	2012			8,416.00	TON	250.48	2,108,000
	2011			7,809.00	TON	252.00	1,968,000
KLEINGRASS HAY	2012	14,778	11.92	176,104.50	TON	211.25	37,202,000
	2011	13,614	11.57	157,513.98	TON	160.00	25,202,000
PASTURED CROPS <sup>2</sup>	2012	38,462			ACRE	50.91	1,958,000
	2011	74,068			ACRE	64.30	4,762,000
BALED STRAW	2012			77,430.00	TON	84.50	6,543,000
	2011			53,870.00	TON	62.63	3,374,000
SUDANGRASS HAY	2012	63,765	5.47	348,944.59	TON	185.38	64,686,000
	2011	68,845	4.90	337,340.50	TON	173.00	58,360,000
SUGAR BEETS	2012	25,389	46.50	1,180,588.50	TON	66.30	78,273,000
	2011	25,534	44.62	1,139,327.08	TON	70.34	80,140,000
WHEAT	2012	95,508	3.47	331,346.72	TON	326.74	108,265,000
	2011	74,452	3.40	253,136.80	TON	268.36	67,932,000
MISC. FIELD CROPS	2012	13,289					2,565,000
	2011	9,093					4,603,000
TOTAL 2012	ACRES	396,839				VALUE	587,977,000
TOTAL 2011	ACRES	365,015				VALUE	518,257,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

MISC. FIELD CROPS = Barley, Corn Silage, Field Corn, Flax, Oat Hay, Safflower, Sesbania, Sorghum Grain, Sugarcane

PASTURED CROPS = Alfalfa, Bermudagrass, Permanent Pasture, Ryegrass

<sup>1</sup> Cotton Bales = 500 Pounds

<sup>2</sup> 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)	2012	13,861	670	9,287,004	26 LB CTN	8.91	82,747,000
	2011	11,972	675	8,081,100	26 LB CTN	13.85	111,923,000
CABBAGE (Market)	2012	2,108	619	1,304,666	45 LB CTN	8.53	11,129,000
	2011	1,355	780	1,056,900	45 LB CTN	13.76	14,543,000
CARROTS Market	2012	3,818	950	3,626,910	50 LB BAG	9.37	34,002,000
	2011	4,773	835	3,985,455	50 LB BAG	14.00	55,796,000
Processing & Other	2012	8,908	32.90	293,079	TON	112.04	32,838,000
	2011	7,159	28.50	204,032	TON	90.00	18,363,000
TOTAL CARROTS	2012	12,726					66,840,000
	2011	11,932					74,159,000
CAULIFLOWER (Market)	2012	4,126	722	2,978,972	23 LB CTN	9.47	28,211,000
	2011	4,130	755	3,118,150	23 LB CTN	14.49	45,182,000
HEAD LETTUCE Naked Pack	2012			2,950,651	50 LB CTN	6.55	19,327,000
	2011			867,000	50 LB CTN	12.98	11,254,000
Wrap Pack	2012			6,112,972	40 LB CTN	7.69	47,009,000
	2011			6,478,000	40 LB CTN	14.50	93,931,000
Bulk	2012			6,307,706	50 LB CTN	6.55	41,315,000
	2011			5,171,000	50 LB CTN	5.25	27,148,000
TOTAL HEAD LETTUCE	2012	21,167		15,371,329	CTN	7.00	107,651,000
	2011	18,043		12,516,000	CTN	10.57	132,333,000
LEAF LETTUCE	2012	9,660	950	9,177,000	35 LB CTN	8.81	80,849,000
	2011	13,878	1,023	14,197,194	35 LB CTN	16.66	236,525,000
SALAD PRODUCTS	2012			16,000,000	LB	0.63	10,140,000
	2011			49,981,000	LB	0.39	19,493,000
SPRING MIX	2012	9,235	5,058	46,712,723	LB	0.70	32,699,000
	2011	4,231	7,000	29,617,000	LB	0.85	25,174,000

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

SPRING MIX = Various Vegetable Leaves, Green, Red, and Baby Leaf Lettuces, Beet Tops, Dandelion Greens, Mizuna, Mustard, Spinach, Swiss Chard







# IMPERIAL COUNTY Vegetable & Melon Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE	
ONIONS	Market	2012	3,790	1,301	4,930,790	50 LB SACK	8.43	41,567,000
		2011	3,312	1,525	5,050,800	50 LB SACK	5.75	29,042,000
	Processor	2012	4,713	18.67	87,992	TON	144.52	12,717,000
		2011	4,968	19.00	94,392	TON	100.50	9,486,000
TOTAL ONIONS	2012	8,503					54,284,000	
	2011	8,280					38,528,000	
POTATOES	2012	2,211	310	685,410	CWT	23.50	16,107,000	
	2011	2,297	200	459,400	CWT	30.34	13,938,000	
SPINACH	2012	4,106	8,837	36,284,722	LB	0.47	17,054,000	
	2011	4,144	10,000	41,440,000	LB	0.35	14,504,000	
SWEET CORN	2012	7,629	609	4,646,061	50 LB CTN	10.52	48,877,000	
	2011	9,951	415	4,129,665	50 LB CTN	10.75	44,394,000	
ROMAINE <sup>1</sup>	2012	7,743	766	5,931,138	35 LB CTN	10.05	59,608,000	
MISC. VEGETABLES	2012	8,502					52,454,000	
	2011	9,321					70,198,000	
CANTALOUPE	2012	5,396	766	4,133,336	40 LB CTN	9.12	37,696,000	
	2011	7,512	835	6,272,520	40 LB CTN	7.30	45,789,000	
HONEYDEW & MISC. MELONS	2012	1,000	704	704,127	40 LB CTN	7.42	5,225,000	
	2011	846	910	769,860	40 LB CTN	7.25	5,581,000	
WATERMELONS	2012	967	27.50	26,593	TON	250.00	6,648,000	
	2011	1,914	26.00	49,764	TON	235.00	11,695,000	
TOTAL 2012		ACRES	118,940			VALUE	718,219,000	
TOTAL 2011		ACRES	109,806			VALUE	903,959,000	

NUMBERS MAY NOT COMPUTE DUE TO ROUNDING

MISC. VEGETABLES = Arugula, Artichokes, Asparagus, Beans, Beets, Bok Choy, Brussel Sprout, Celery, Chive, Cilantro, Collard, Cucumber, Dill, Eggplant, Endive, Fennel, Gai Lon, Garlic, Herbs Mixed, Kale, Kohlrabi, Leek, Napa Cabbage, Okra, Pepper, Radish, Rapini, Squash, Swiss Chard, Tomato.

<sup>1</sup> Romaine was listed in Misc. Vegetables in 2011



# IMPERIAL COUNTY Fruit & Nut Crops

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
DATES	2012	1,721	3.00	5,163.00	TON	11,600.04	59,891,000
	2011	1,271	3.58	4,550.18	TON	5,274.70	24,001,000
GRAPEFRUIT	2012	510	11.03	5,622.75	TON	179.45	1,009,000
	2011	930	4.79	4,454.70	TON	518.80	2,311,000
LEMONS	2012	2,240	12.86	28,815.36	TON	603.67	17,395,000
	2011	3,847	10.88	41,855.36	TON	631.50	26,432,000
ORANGES (Valencia)	2012	320	12.52	4,006.25	TON	74.88	300,000
	2011	266	4.49	1,194.34	TON	533.30	637,000
TANGERINES <sup>①</sup>	2012	190	0.00		TON		0
	2011	225	6.41	1,442.25	TON	1,200.00	1,731,000
MISC. CITRUS, FRUIT & NUT CROPS	2012	1,183	2.52	2,979.74	TON	1,533.02	4,568,000
	2011	1,090	5.48	5,973.20	TON	1,221.10	7,294,000
CITRUS BY-PRODUCTS	2012			15,430.13	TON	129.03	1,991,000
	2011			21,367.00	TON	85.70	1,831,000
TOTAL 2012		ACRES	6,164			VALUE	85,154,000
TOTAL 2011		ACRES	7,629			VALUE	64,237,000
NUMBERS MAY NOT COMPUTE DUE TO ROUNDING							
MISC. CITRUS, FRUIT & NUT CROPS = Figs, Grapes, Jujube, Mandarins, Mangos, Olives, Tangelos.							
① No Harvest due to Frost							

# Apiary Products

CROP	YEAR	TOTAL HIVES	YIELD PER HIVE	TOTAL UNITS	UNIT	VALUE PER UNIT	GROSS VALUE
HONEY	2012	30,684	17.88	548,534.00	LBS	1.80	985,000
	2011	47,950	15.44	740,348.00	LBS	1.40	1,036,000
WAX	2012	21,384	0.22	4,788.00	LBS	2.92	14,000
	2011	23,932	0.44	10,530.08	LBS	2.00	21,000
POLLINATION	2012	43,588			COL	49.20	2,145,000
	2011	77,617			COL	49.21	3,820,000
TOTAL	2012					VALUE	3,144,000
TOTAL	2011					VALUE	4,877,000
NUMBERS MAY NOT COMPUTE DUE TO ROUNDING							





# 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	2012	10,722	472	5,062,593	LBS	3.00	15,188,000
	2011	7,026	525	3,688,650	LBS	2.64	9,738,000
BERMUDAGRASS SEED	2012	7,946	387	3,075,102	LBS	3.58	10,998,000
	2011	17,471	357	6,237,147	LBS	2.97	18,524,000
ONION SEED	2012	1,918	200	383,600	LBS	8.00	3,069,000
	2011	1,404	295	414,180	LBS	12.25	5,074,000
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS	2012	1,363					3,808,000
	2011	3,845					6,796,000
TOTAL NON-CERTIFIED SEED 2012	ACRES	21,949				VALUE	33,063,000
TOTAL NON-CERTIFIED SEED 2011	ACRES	29,746				VALUE	40,132,000
CERTIFIED SEED							
ALFALFA SEED	2012	15,846	446	7,061,519	LBS	3.85	27,187,000
	2011	13,772	550	7,574,600	LBS	3.07	23,254,000
BERMUDAGRASS SEED	2012	3,230	390	1,259,700	LBS	3.45	4,346,000
	2011	3,571	375	1,339,125	LBS	2.91	3,897,000
MISCELLANEOUS CERTIFIED SEED	2012	2,404					2,836,000
	2011	2,008					1,594,000
TOTAL CERTIFIED SEED 2012	ACRES	21,480				VALUE	34,369,000
TOTAL CERTIFIED SEED 2011	ACRES	19,351				VALUE	28,745,000
TOTAL SEED							
TOTAL SEED 2012	ACRES	43,429				VALUE	67,432,000
TOTAL SEED 2011	ACRES	49,097				VALUE	68,877,000
NUMBERS MAY NOT COMPUTE DUE TO ROUNDING							
MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS = Broccoli Seed, Flower Seed, Grass Seed, Sudangrass Seed, Sunflower Seed, Vegetable Seed, Wheat Seed, Cut Flowers, Palm Trees, and Vegetable Transplants							
MISCELLANEOUS CERTIFIED SEED = Cowpea, Rape, Sudangrass, Sunflower and Wheat							



### PEST DETECTION PROGRAM

#### TRAPPING

TARGET PEST	PEST DETECTION METHOD	NUMBER OF TRAPS	HOST CROPS
Asian Citrus Psyllid	Yellow Sticky Trap	267	Citrus
Emerald Ash Borer	Pheromone	3	Ash Tree
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	56	Shade Trees
Japanese Beetle	Pheromone	58	Turf & Flowers
Khapra Beetle	Feeding Attractant	29	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	14,330 visual surveys
Citrus Health Survey	Citrus Orchards	1,755 Acres
Noxious Weeds	Agriculture & Urban	11 Positive sites; 59 Miles Surveyed
Karnal Bunt	Wheat	10 Sites
Red Imported Fire Ant	High Risk Sites	110 Sites
Pathogens of Concern for Export of Seed (by application only)	Seed Fields	445 Fields Surveyed
Glassy-winged Sharpshooter	Retail Nursery Stock Shipments	1,807 Shipments Inspected
Glassy-winged Sharpshooter	Bulk Citrus Fruit	143 Shipments Inspected

#### BIOLOGICAL CONTROL

TARGET PEST	BIOCONTROL AGENT	SCOPE OF PROGRAM
Puncture Vine, <i>Tribulus terrestris</i>	Hand/Mechanical Removal	2 Sites

### PEST EXCLUSION PROGRAM

#### PHYTOSANITARY CERTIFICATE

TYPE OF PHYTOCERTIFICATE	COMMODITY	CERTIFICATES ISSUED	DESTINATION
Domestic	Hay, Produce and Seed	13,460	Japan, Mexico, Republic of Korea, China, Taiwan
Re-Export	Various	1,813	Mexico, Singapore, Sri Lanka, Belize, Plurinational State of Bolivia
Process Product	Animal Feed	15	Mexico

#### QUARANTINE

TYPE OF CERTIFICATE	COMMODITY	CERTIFICATES ISSUED	DESTINATION
California State Phytos	Hay and Corn	676	Hawaii
Quarantine Compliance	Produce and Nursery Stock	332	California Counties, Arizona, Florida, Nevada and Texas

#### INSPECTIONS

SEED	NUMBER OF LOTS	POUNDS	DESTINATION
Field Crops	648	20,455,505	US and Other Countries
Vegetable Crops	331	2,519,826	US and Other Countries
Seed Samples for Export Compliance	100		

TYPE OF INSPECTION	NUMBER OF INSPECTIONS	PEST	REJECTIONS
Bees for Pollination	15	Red Imported Fire Ant	None
Outdoor Furniture	1	Gypsy Moth	None

### ORGANIC GROWER PROGRAM

COMMODITY	NUMBER OF FARMS	ACREAGE	GROSS SALES
Fruits, Vegetables, Grains, Hay	26	11,989	\$36,396,231





# IMPERIAL COUNTY Top Ten Commodities

2012 RANKING			2011 RANKING
1	CATTLE	\$414,061,000	1
2	ALFALFA	214,601,000	3
3	WHEAT	108,265,000	9
4	HEAD LETTUCE	107,651,000	4
5	BROCCOLI	82,747,000	5
6	LEAF LETTUCE	80,849,000	2
7	SUGAR BEETS	78,273,000	6
8	CARROTS	66,840,000	7
9	SUDANGRASS	64,686,000	10
10	BERMUDAGRASS	63,443,000	8



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



# 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](mailto: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) <sup>1</sup>	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 <sup>2</sup>	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

<sup>1</sup> Cotton Bales = 500 Pounds

<sup>2</sup> 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
<b>BROCCOLI</b> (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
<b>CABBAGE</b> (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
<b>CARROTS</b> 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
<b>TOTAL CARROTS</b>	2013	13,698					69,959,000
	2012	12,726					66,840,000
<b>CAULIFLOWER</b> (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
<b>HEAD LETTUCE</b> 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
<b>TOTAL HEAD LETTUCE</b>	2013	22,531		16,108,163	CTN	8.32	133,964,000
	2012	21,167		15,371,329	CTN	7.00	107,651,000
<b>LEAF LETTUCE</b>	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
<b>SALAD PRODUCTS</b>	2013			6,378,938	LB	0.54	3,423,000
	2012			16,000,000	LB	0.39	10,140,000
<b>SPRING MIX</b>	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
<b>ONIONS</b> 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
<b>TOTAL ONIONS</b>	2013	8,905					62,290,000
	2012	8,503					54,284,000
<b>POTATOES</b>	2013	2,593	320	829,760	CWT	20.00	16,595,000
	2012	2,211	310	685,410	CWT	23.50	16,107,000
<b>SPINACH</b>	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
<b>SWEET CORN</b>	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
<b>ROMAINE</b>	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
<b>MISC. VEGETABLES</b>	2013	8,094					130,969,000
	2012	8,502					52,454,000
<b>CANTALOUPE</b>	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
<b>HONEYDEW &amp; MISC. MELONS</b>	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
<b>WATERMELONS</b>	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
<b>Total 2013</b>	<b>ACRES</b>		121,371			<b>VALUE</b>	865,401,000
<b>Total 2012</b>	<b>ACRES</b>		118,940			<b>VALUE</b>	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 <sup>1</sup>	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 <sup>2</sup>	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							
<sup>1</sup> 2012 No Harvest due to Frost							
<sup>2</sup> 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
<b>NON-CERTIFIED SEED</b>							
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
<b>CERTIFIED SEED</b>							
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



2014

## IMPERIAL COUNTY

Agricultural Crop &

Livestock Report



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

(442) 265-1500  
Fax: (760) 353-9420

E-mail: [agcom@co.imperial.ca.us](mailto:agcom@co.imperial.ca.us)

**Karen Ross, Secretary**

California Department of Food and Agriculture  
and

**The Honorable Board of Supervisors, County of Imperial**

Supervisor Ryan E. Kelley, Chairman, District 4  
Supervisor John Renison, District 1  
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 2014 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 2014. Also included is a report on sustainable agriculture pursuant to Section 2272 of the California Food and Agricultural Code.

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

Gross production for 2014 was valued at \$1,858,789,000. This is a decrease of \$299,728,000 (a decrease of 13.89%) compared to the 2013 gross value of \$2,158,517,000. The main reasons for this decrease include a reduction in livestock production and market prices; fewer and smaller replacement cattle; and warm winter weather that affected the winter vegetable harvest with an earlier product at lower market prices. The only category to show an increase in gross value was Field Crops. Higher yields, higher market prices, and new high-value commodities added to the "Misc. Field Crops" category all contributed to the increase.

Cattle again ranked as our #1 commodity, despite a drop in total gross production value of \$204,995,000 (a decrease of over 37%). Spinach moved into the Top Ten Commodities list for the first time, coming in at #8. Leaf lettuce dropped in the commodity ranking from #5 in 2013 to #20 in 2014.

In 2014 there was a reduction of 20,486 in total harvested acres (a decrease of 3.87%). The decreases in harvested acres occurred in the Field Crop and Seed Crop categories. Bermudagrass seed showed the largest decline in harvested acres, decreasing by 11,726 acres (a decrease of 38%).

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

## 2014 Production Summary

Category	Change in Harvested Acres			Gross Value		Change in Gross Value
	2013	2014	Acres	2013	2014	Value
Livestock				\$617,371,000	<b>\$410,512,000</b>	-33.51%
Field Crops	332,727	<b>322,589</b>	-3.05%	\$470,461,000	<b>\$530,849,000</b>	12.84%
Vegetable & Melon Crops	121,371	<b>122,279</b>	0.75%	\$865,401,000	<b>\$723,260,000</b>	-16.42%
Fruit & Nut Crops	7,793	<b>9,685</b>	24.28%	\$100,019,000	<b>\$95,909,000</b>	-4.11%
Seed & Nursery Crops	68,037	<b>54,888</b>	-19.33%	\$100,557,000	<b>\$93,818,000</b>	-6.70%
Apiary Products				\$4,708,000	<b>\$4,441,000</b>	-5.67%
<b>Total</b>	<b>529,928</b>	<b>509,442</b>	<b>-3.87%</b>	<b>\$2,158,517,000</b>	<b>\$1,858,789,000</b>	<b>-13.89%</b>

Total harvested acres includes multiple cropping on individual fields throughout the year.

## Top Ten Commodities

Rank 2014		Gross Value 2014	Rank 2013
1	Cattle	\$347,009,000	1
2	Alfalfa	\$219,766,000	2
3	Onions	\$129,026,000	8
4	Head Lettuce	\$91,336,000	3
5	Broccoli	\$89,719,000	4
6	Bermudagrass Hay	\$77,448,000	6
7	Sudangrass Hay	\$65,245,000	10
8	Spinach	\$57,010,000	19
9	Carrots	\$52,559,000	7
10	Wheat	\$47,750,000	12



# Livestock

Item	Year	Production			Unit	Value	
		Head	Unit Gain	Total Gain		Per Unit	Gross Value
Cattle (Feedlot)	2014	329,681	9.87	3,253,629	Cwt	\$106.65	\$347,009,000
	2013	357,888	12.78	4,573,875	Cwt	\$120.69	\$552,004,000
Sheep (Feeders)	2014	77,500	0.45	35,075	Cwt	\$160.71	\$5,637,000
	2013	86,122	0.45	39,148	Cwt	\$118.19	\$4,627,000
Sheep (Wool)	2014	77,500	3.50	271,250	Lb	\$1.03	\$279,000
	2013	86,122	3.50	301,427	Lb	\$1.53	\$461,000
Aquatic Products (Fish & Algae)	2014						\$13,295,000
	2013						\$14,756,000
Misc. Livestock	2014						\$44,292,000
	2013						\$45,523,000
<b>Total</b>	<b>2014</b>					<b>Value</b>	<b>\$410,512,000</b>
Total	2013					Value	\$617,371,000

**Numbers may not compute due to rounding**  
 Misc. Livestock: May include Calves, Cattle, Cavies, Dairy Animals, Lambs, Milk, Goats, Poultry, Rabbits, Swine, Manure/Compost  
 Cwt = 100 Pounds

## Export Commodities<sup>1/</sup>

2014 Federal Export Certificates			
17,180 Certificates Were Issued to 91 Countries			
93.3% of the Certificates Were Issued to 7 Countries			
233 Seed Samples Were Drawn for Export Certification			
Countries		Commodities Exported <sup>2/</sup>	
Mexico 39%	United Arab Emirates 3%	Hay	46%
Japan 37%	Taiwan 1%	Seeds	16%
Republic of Korea 8%	Saudi Arabia 0.5%	Vegetables	38%
China 4%	Other Countries 6.7%		
2014 State Certificates			
743 State Certificates Were Issued to 5 States and 1 Territory			
96.1% of the Certificates Were Issued to 2 States			
States or Territories		Commodities <sup>2/</sup>	
Arizona	0.3%	Nursery Plants	9%
California	2.5%	Seeds	1%
Florida	29.7%	Vegetables	89%
Hawaii	66.4%	Other	1%
Puerto Rico	1.0%		
Texas	0.1%		

<sup>1/</sup> Based on USDA Phytosanitary Certification Program

<sup>2/</sup> Not all commodities originated in Imperial County

# Field Crops

Crop	Year	Harvested Acres	Production			Value Per Unit	Gross Value
			Yield Per Acre	Total Units	Unit		
Alfalfa Hay	2014	122,138	8.15	995,453.17	Ton	\$220.77	\$219,766,000
	2013	111,322	7.75	862,445.79	Ton	\$202.73	\$174,840,000
Bermudagrass Hay	2014	47,641	8.45	402,749.68	Ton	\$192.30	\$77,448,000
	2013	51,248	6.23	319,179.85	Ton	\$220.00	\$70,220,000
Cotton (Lint) <sup>1/</sup>	2014	2,455	4.66	11,449.21	Bale	\$374.17	\$4,284,000
	2013	3,431	3.42	11,727.76	Bale	\$426.25	\$4,999,000
Cotton (Seed)	2014			4,034.00	Ton	\$367.63	\$1,483,000
	2013			4,285.47	Ton	\$251.55	\$1,078,000
Kleingrass Hay	2014	16,771	10.31	172,950.94	Ton	\$168.13	\$29,078,000
	2013	16,798	12.44	209,012.70	Ton	\$165.32	\$34,553,000
Pastured Crops <sup>2/</sup>	2014	46,777			Acre	\$36.28	\$1,697,000
	2013	49,103			Acre	\$43.24	\$2,123,000
Straw (Baled)	2014			77,351.33	Ton	\$86.79	\$6,713,000
	2013			134,744.43	Ton	\$71.03	\$9,571,000
Sudangrass Hay	2014	59,701	5.71	341,148.57	Ton	\$191.25	\$65,245,000
	2013	56,308	5.18	291,852.86	Ton	\$187.24	\$54,646,000
Sugar Beets	2014	24,376	43.40	1,057,918.40	Ton	\$42.97	\$45,459,000
	2013	25,400	46.50	1,181,100.00	Ton	\$52.13	\$61,571,000
Wheat	2014	37,777	3.49	131,906.09	Ton	\$362.00	\$47,750,000
	2013	54,462	3.22	175,340.41	Ton	\$287.22	\$50,362,000
Misc. Field Crops	2014	11,730					\$31,926,000
	2013	13,758					\$6,498,000
<b>Total 2014</b>	<b>Acres</b>	<b>322,589</b>				<b>Value</b>	<b>\$530,849,000</b>
Total 2013	Acres	332,727				Value	\$470,461,000
<b>Numbers may not compute due to rounding</b>							
Misc. Field Crops: May include Barley, Corn Silage, Field Corn, Mixed Grasses Hay, Oat Hay, Ryegrass Hay, Safflower, Sesbania, Sorghum Grain, Sugar Beet Pulp, Sugar Beet Molasses, Sugarcane							
<sup>1/</sup> Cotton Bales = 500 Pounds							
Pastured Crops: May include Alfalfa, Bermudagrass, Permanent Pasture, Ryegrass							
<sup>2/</sup> Pastured Crops: Pastured one time and Acres are not counted in Total Acres							

# Apiary Products

Item	Year	Hives	Production			Value Per Unit	Gross Value
			Yield Per Hive	Total Units	Unit		
Honey	2014	35,199	12.59	443,277.00	Lb	\$2.91	\$1,288,000
	2013	39,440	10.70	421,900.00	Lb	\$4.50	\$1,899,000
Wax	2014	16,850	0.65	10,900.00	Lb	\$2.20	\$24,000
	2013	9,300	0.79	7,350.00	Lb	\$2.86	\$21,000
Pollination	2014	57,918			Colony	\$54.02	\$3,129,000
	2013	51,506			Colony	\$54.13	\$2,788,000
<b>Total</b>	<b>2014</b>					<b>Value</b>	<b>\$4,441,000</b>
Total	2013					Value	\$4,708,000

Numbers may not compute due to rounding

# Vegetable & Melon Crops

Crop	Year	Harvested Acres	Production			Value Per Unit	Gross Value
			Yield Per Acre	Total Units	Unit		
Broccoli (Market)	2014	15,026	531	7,978,252	26 Lb Ctn	\$11.25	\$89,719,000
	2013	15,947	646	10,307,078	26 Lb Ctn	\$10.88	\$112,139,000
Cabbage (Market)	2014	2,390	628	1,501,119	45 Lb Ctn	\$15.00	\$22,521,000
	2013	1,611	1,061	1,708,662	45 Lb Ctn	\$20.00	\$34,173,000
Carrots Market	2014	4,486	753	3,377,683	50 Lb Bag	\$4.97	\$16,783,000
	2013	4,109	900	3,698,460	50 Lb Bag	\$9.37	\$34,673,000
Processing & Other	2014	10,466	35.67	373,347	Ton	\$95.83	\$35,776,000
	2013	9,589	32.00	306,835	Ton	\$115.00	\$35,286,000
Total Carrots	2014	14,952					\$52,559,000
	2013	13,698					\$69,959,000
Cauliflower (Market)	2014	4,065	1,005	4,086,385	23 Lb Ctn	\$6.58	\$26,871,000
	2013	3,913	793	3,103,009	23 Lb Ctn	\$12.92	\$40,101,000
Head Lettuce Naked Pack	2014			2,251,972	50 Lb Ctn	\$5.50	\$12,393,000
	2013			3,758,171	50 Lb Ctn	\$7.18	\$26,975,000
Wrap Pack	2014			6,755,917	40 Lb Ctn	\$8.75	\$59,114,000
	2013			6,942,552	40 Lb Ctn	\$9.82	\$68,176,000
Bulk	2014			3,603,156	50 Lb Ctn	\$5.50	\$19,829,000
	2013			5,407,440	50 Lb Ctn	\$7.18	\$38,813,000
Total Head Lettuce	2014	21,157		12,611,045	Ctn	\$7.24	\$91,336,000
	2013	22,531		16,108,163	Ctn	\$8.32	\$133,964,000
Leaf Lettuce	2014	8,305	624	5,182,020	35 Lb Ctn	\$4.71	\$24,407,000
	2013	9,967	965	9,621,893	35 Lb Ctn	\$7.99	\$76,875,000
Salad Products	2014			36,325,026	Lb	\$0.10	\$3,690,000
	2013			6,378,938	Lb	\$0.54	\$3,423,000
Spring Mix	2014	3,232	6,499	21,006,783	Lb	\$0.61	\$12,910,000
	2013	5,977	6,180	36,939,336	Lb	\$0.88	\$32,383,000

**Numbers may not compute due to rounding**

Spring Mix: May include Green, Red, and Baby Leaf Lettuces; Beet Tops; Mizuna; Mustard; Baby Spinach





# Vegetable & Melon Crops

Crop	Year	Production			Unit	Value Per Unit	Gross Value
		Harvested Acres	Yield Per Acre	Total Units			
<b>Onions</b>							
Market	2014	4,719	1,721	8,120,539	50 Lb Sack	\$13.17	\$106,920,000
	2013	4,421	1,261	5,573,618	50 Lb Sack	\$9.22	\$51,391,000
Processor	2014	6,134	29.54	181,198	Ton	\$122.00	\$22,106,000
	2013	4,484	16.63	74,547	Ton	\$146.20	\$10,899,000
<b>Total Onions</b>	2014	10,853					\$129,026,000
	2013	8,905					\$62,290,000
<b>Potatoes</b>	2014	2,337	455	1,063,802	Cwt	\$10.96	\$11,663,000
	2013	2,593	320	829,760	Cwt	\$20.00	\$16,595,000
<b>Spinach</b>	2014	6,634	10,490	69,588,751	Lb	\$0.82	\$57,010,000
	2013	4,750	7,653	36,352,819	Lb	\$0.93	\$33,910,000
<b>Sweet Corn</b>	2014	6,644	220	1,460,463	50 Lb Ctn	\$7.94	\$11,603,000
	2013	8,571	360	3,081,275	50 Lb Ctn	\$12.47	\$38,414,000
<b>Romaine</b>	2014	6,279	558	3,502,486	35 Lb Ctn	\$10.74	\$37,628,000
	2013	6,876	846	5,813,658	35 Lb Ctn	\$5.15	\$29,913,000
<b>Misc. Vegetables</b>	2014	11,784					\$98,302,000
	2013	8,094					\$130,969,000
<b>Cantaloupes</b>	2014	5,334	460	2,451,980	40 Lb Ctn	\$9.03	\$22,139,000
	2013	5,888	741	4,363,008	40 Lb Ctn	\$9.00	\$39,267,000
<b>Honeydew &amp; Misc. Melons</b>	2014	1,341	409	547,799	40 Lb Ctn	\$12.60	\$6,902,000
	2013	467	596	278,099	40 Lb Ctn	\$11.47	\$3,190,000
<b>Watermelons</b>	2014	1,946	29.17	56,758	Ton	\$440.01	\$24,974,000
	2013	1,583	16.50	26,120	Ton	\$300.00	\$7,836,000
<b>Total 2014</b>	<b>Acres</b>	<b>122,279</b>				<b>Value</b>	<b>\$723,260,000</b>
<b>Total 2013</b>	<b>Acres</b>	<b>121,371</b>				<b>Value</b>	<b>\$865,401,000</b>
<b>Numbers may not compute due to rounding</b>							
Misc. Vegetables: May include Artichoke, Arugula, Asparagus, Basil, Beans, Beets, Bok Choy, Brussel Sprout, Celery, Chervil, Cilantro, Collard, Dandelion Greens, Dill, Endive, Fennel, Garbanzo Beans, Garlic, Kale, Leek, Mustard, Napa Cabbage, Okra, Parsley, Peas, Radish, Rapini, Rosemary, Rutabaga, Sage, Squash, Swiss Chard, Tomato, Turnip							
Cwt = 100 Pounds							

## California Agricultural Statistics – 2013

California Agricultural Statistics are compiled annually from County Agricultural Commissioner Crop Reports

In 2013 Imperial County ranked #9 out of 58 California Counties for gross value of Ag production at \$2,158,517.

According to a 2013-14 review of 2012 Ag Statistics by CDFA, Imperial County was the sole producer of sugar beets; #1 producer of alfalfa hay, wheat, sweet corn, dates, sudan hay, and alfalfa seed; and among the top five producers of cattle & calves, lettuce, broccoli, carrots, melons, onions, spinach, potatoes, salad greens, cabbage, grapefruit.

California produces over 1/3 of the vegetables and 2/3 of the fruits & nuts in the country.

## Nationwide Agricultural Statistics – 2012

USDA's National Ag Statistics Service (NASS) does an Ag Census every 5 years; collects data on both the cost of production and cash receipts.

In 2012, 9 of the top 10 counties in the United States for agricultural production were in California.

California ranked #1 in the United States for total agricultural sales, #1 in crop sales, and #3 in livestock sales.

Imperial County ranked #8 out of 3,079 United States counties for total agricultural production.

California is the top U.S. producer of 82 different commodities, and the sole producer of 13 of those commodities.

# Fruit & Nut Crops

Crop	Year	Harvested Acres	Production			Value Per Unit	Gross Value Total
			Yield Per Acre	Total	Unit		
Dates	2014	2,148	3.22	6,923.57	Ton	\$5,143.59	\$35,612,000
	2013	1,976	2.31	4,563.51	Ton	\$11,405.48	\$52,049,000
Grapefruit	2014	1,337	3.05	4,071.98	Ton	\$706.04	\$2,875,000
	2013	1,022	7.15	7,307.25	Ton	\$346.78	\$2,534,000
Lemons	2014	3,857	10.70	41,273.82	Ton	\$1,013.02	\$41,811,000
	2013	3,192	9.78	31,215.31	Ton	\$971.25	\$30,318,000
Oranges <sup>1/</sup>	2014	*		*			*
	2013	193	1.04	201.51	Ton	\$461.52	\$93,000
Tangelos <sup>2/</sup>	2014	759	4.08	3,097.70	Ton	\$1,581.17	\$4,898,000
	2013	**		**	Ton		**
Tangerines	2014	816	3.26	2,656.12	Ton	\$1,007.86	\$2,677,000
	2013	481	11.93	5,736.37	Ton	\$924.10	\$5,301,000
Misc. Citrus, Fruit & Nut Crops <sup>2/</sup>	2014	769	6.52	5,007.29	Ton	\$1,369.00	\$6,855,000
	2013	929	3.32	3,086.67	Ton	\$2,881.10	\$8,893,000
Citrus By-Products	2014			6,178.71	Ton	\$191.14	\$1,181,000
	2013			7,107.87	Ton	\$116.91	\$831,000
<b>Total 2014</b>	<b>Acres</b>	<b>9,685</b>				<b>Value</b>	<b>\$95,909,000</b>
Total 2013	Acres	7,793				Value	\$100,019,000

Numbers may not compute due to rounding

<sup>1/</sup> \* 2014 Oranges are now included in Misc. Citrus, Fruit & Nut Crops

<sup>2/</sup> \*\* 2013 Tangelos were included in Misc. Citrus, Fruit & Nut Crops

2014 Misc. Citrus, Fruit & Nut Crops: May include Figs, Grapes, Limes, Mangos, Olives, Oranges

## Ag Production Areas

Imperial County has three Ag Production areas:  
Imperial Valley, Bard/Winterhaven, and Palo Verde

### 2014 Total County Farmable Acres

Imperial Valley	467,347
Bard/Winterhaven	14,160
Palo Verde	<u>7,630</u>
<b>Total County Farmable Acres</b>	<b>489,137</b>



# Seed Crops & Nursery Products

Crop	Year	Harvested Acres	Production			Value Per Unit	Gross Value
			Yield Per Acre	Total Units	Unit		
<b>Alfalfa Seed</b>							
Non-Certified	2014	12,092	508.94	6,154,066	Lb	\$2.73	\$16,821,000
	2013	10,092	553.18	5,582,655	Lb	\$3.07	\$17,151,000
Certified	2014	20,245	536.86	10,868,777	Lb	\$3.17	\$34,418,000
	2013	19,909	543.50	10,820,542	Lb	\$3.75	\$40,577,000
<b>Total Alfalfa Seed</b>	<b>2014</b>	<b>32,337</b>	<b>526.42</b>	<b>17,022,843</b>	<b>Lb</b>	<b>\$3.01</b>	<b>\$51,239,000</b>
	2013	30,001	546.76	16,403,197	Lb	\$3.52	\$57,728,000
<b>Bermudagrass Seed</b>							
Non-Certified	2014	15,467	444.77	6,879,218	Lb	\$3.81	\$26,198,000
	2013	26,699	253.00	6,754,847	Lb	\$3.65	\$24,655,000
Certified	2014	3,582	400.00	1,432,800	Lb	\$3.99	\$5,719,000
	2013	4,076	248.00	1,010,848	Lb	\$3.75	\$3,791,000
<b>Total Bermudagrass Seed</b>	<b>2014</b>	<b>19,049</b>	<b>436.35</b>	<b>8,312,018</b>	<b>Lb</b>	<b>\$3.84</b>	<b>\$31,917,000</b>
	2013	30,775	252.34	7,765,695	Lb	\$3.66	\$28,446,000
<b>Onion Seed</b>							
	2014	696	662.50	461,100	Lb	\$9.43	\$4,346,000
	2013	1,415	195.68	276,886	Lb	\$20.99	\$5,811,000
<b>Misc. Seed &amp; Nursery</b>							
Misc. Non-Certified Seed	2014	1,282					\$2,326,000
	2013	1,660					\$2,207,000
Misc. Certified Seed	2014	847					\$789,000
	2013	3,335					\$1,733,000
Misc. Nursery Products	2014	677					\$3,201,000
	2013	851					\$4,632,000
<b>Total 2014</b>	<b>Acres</b>	<b>54,888</b>				<b>Value</b>	<b>\$93,818,000</b>
Total 2013	Acres	68,037				Value	\$100,557,000
<b>Numbers may not compute due to rounding</b>							
Misc. Field, Vegetable, and Flower Seed & Nursery Products: May include Artichoke Seed, Barley Seed, Broccoli Seed, Canola Seed, Cilantro Seed, Celery Seed, Flax Seed, Grass Seed, Mustard Seed, Oat Seed, Pea Seed, Sudangrass Seed, Sunflower Seed, Wheat Seed, Cut Flowers, Palm Trees, and Vegetable Transplants							



Alfalfa from field to flower to seed

## Mission Statement

To promote and protect our agricultural industry by providing clear direction and appropriate regulatory oversight while protecting our citizens and the environment through the enforcement of pesticide laws, and the detection and eradication of pests harmful to our agricultural industry, human health and other plant resources.

### Pest Detection, Eradication and Management

This program is mandated to monitor agricultural and urban areas for harmful exotic pests using trapping and visual surveys, and to control or eradicate exotic pests as appropriate in order to protect the local agricultural industry, environment, the public, and landscaping. Surveys continue for Medfly, Mexican fruit fly, Oriental fruit fly, melon fly, Gypsy moth, Japanese beetle, glassy-winged sharpshooter, Asian citrus psyllid, and red imported fire ant. The department also provides field inspection services for growers that wish to export commodities, pest identification services, and enforcement of pest related laws and regulations intended to protect the local agricultural industry.

### Pest Detection Trapping

Target Pest	Pest Detection Method	Number of Traps	Annual Trap Services	Host Crops
Asian Citrus Psyllid ACP population monitoring - 2 mile delimitation from the International Border - finds result in State treatment	Yellow Sticky Trap	541	12,984	Citrus
European Corn Borer	Pheromone	13	130	Corn & Sorghum
Various Exotic Fruit Flies	Feeding Attractant	111	1,110	Fruit Trees & Vegetables
Glassy-winged Sharpshooter 1 Positive site/Retail Nursery - Eradicated - County supervised treatment	Yellow Sticky Trap	486	10,490	Crops & Ornamentals
Gypsy Moth	Pheromone	60	360	Shade Trees
Japanese Beetle	Pheromone	60	360	Turf & Flowers
Khapra Beetle	Feeding Attractant/Pheromone	37	444	Stored Food Products
Mediterranean Fruit Fly	Pheromone	121	4,840	Fruit Trees
Melon Fruit Fly	Pheromone	121	4,840	Vegetables
Mexican Fruit Fly	Feeding Attractant	121	4,840	Fruit Trees
Oriental Fruit Fly	Pheromone	121	4,840	Fruit Trees

### Pest Detection Surveys

Target Pest/Survey Sites	Area Surveyed	Inspections / Finds / Actions
Citrus Health Survey / Orchards	1447.59 Acres	No Target Pest Found No Finds - No Action Needed
Noxious Weeds / Ag & Urban Puncture Vine, C-rated	1070.5 miles	38 Positive Sites 28 Positive Sites 11 Sites Mechanical Removal 17 Sites Biological Control
Misc. B, C or Q Rated Weeds		10 Positive Sites 10 Sites Ongoing Monitoring
Karnal Bunt / Wheat	10 Sites	No Target Pest Found No Finds - No Action Needed
Red Imported Fire Ant	91 High Risk Sites	No Target Pest Found No Finds - No Action Needed
Glassy-winged Sharpshooter	Retail Nursery Stock Shipments Bulk Citrus Fruit	1,448 Inspections 15 Rejections 139 Inspections 5 Finds: Returned to Origin 10 Rejections not due to finds No Finds - No Action Needed
Pathogens of Concern for Seed Export	Seed Fields	253 Fields Surveyed (by application only) 25 Target Pests of Concern (Listed on Certificate)

## Plant Quarantine, Exclusion, and Certification

The department is mandated to exclude exotic agricultural, urban, and environmental pests and to prevent movement of newly discovered pests within the state. This is accomplished through inspection of incoming agricultural products and enforcement of quarantines that prohibit or restrict the movement of plants, seeds, and other items capable of harboring harmful pests. In addition, certificates of quarantine compliance and phytosanitary certificates are issued for commodities originating here in order to assist growers in moving their products to other counties, states, or countries.

### Plant Quarantine Pest Exclusion Inspections (Shipments entering Imperial County)

Type of Inspection	Inspections	Pounds	Origin
Field & Vegetable Seed	697	19,989,868	Arizona, Canada, Chile, Florida, Idaho, Maine, Michigan, Nebraska, Oregon, Tennessee, Texas, and Washington
Plants	289	-	Arizona, Florida, Illinois, Michigan, Pennsylvania, and Texas
Bees for Pollination	1	-	Canada

### Nursery and Seed Inspection

The goals of the nursery inspection programs are to prevent the introduction and spread of agricultural pests through nursery stock and to protect agriculture and the consumer against economic losses resulting from the sale of inferior, defective, or pest-infested nursery stock. The seed law enforcement program protects seed consumers by regulation of the marketing of seed, inspection of seed grown or sold locally, verification of purity and germination, investigation of seed complaints, and prevention of the spread of noxious weed seeds through seed products. Also included in this program is the California Certified Seed Program in which superior varieties of seed are grown, processed, and distributed under close supervision.

### Nursery Inspections

Type of Inspection	Locations	Production Acres	Nursery Stock Type
Production Nursery	19	449	Palms, Bamboo, Vegetable Transplants, Ornamentals, Cut Flowers, Succulents
Retail Nursery	37	-	Retail Flowers, Trees and Shrubs

### California Crop Improvement Association Inspections and Certification

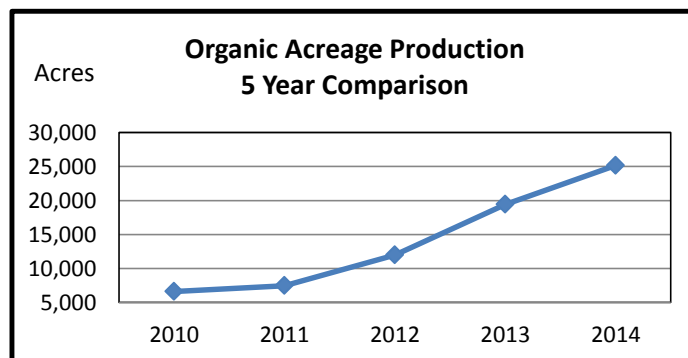
Type of Inspection	Inspections	Seed Transfer Certificates	Number of Certificates
Harvester Equipment	58	In-State	79
		Out of State	72

### Organic Grower Program

The Organic Program is responsible for enforcement of the federal Organic Foods Production Act of 1990, and the California Organic Products Act of 2003. These statutes protect consumers, producers, handlers, processors and retailers by monitoring and inspecting fresh commodities grown, labeled or sold as "organic".

#### 5 Year Comparison of Organic Production

Year	Growers	Acres	Gross Value
2014	28	25,156	\$159,938,000
2013	20	19,433	\$80,904,000
2012	26	11,989	\$36,396,000
2011	26	7,487	\$39,386,000
2010	26	6,612	\$36,161,000





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