

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

In accordance with the requirements of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2012 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 2012. 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 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

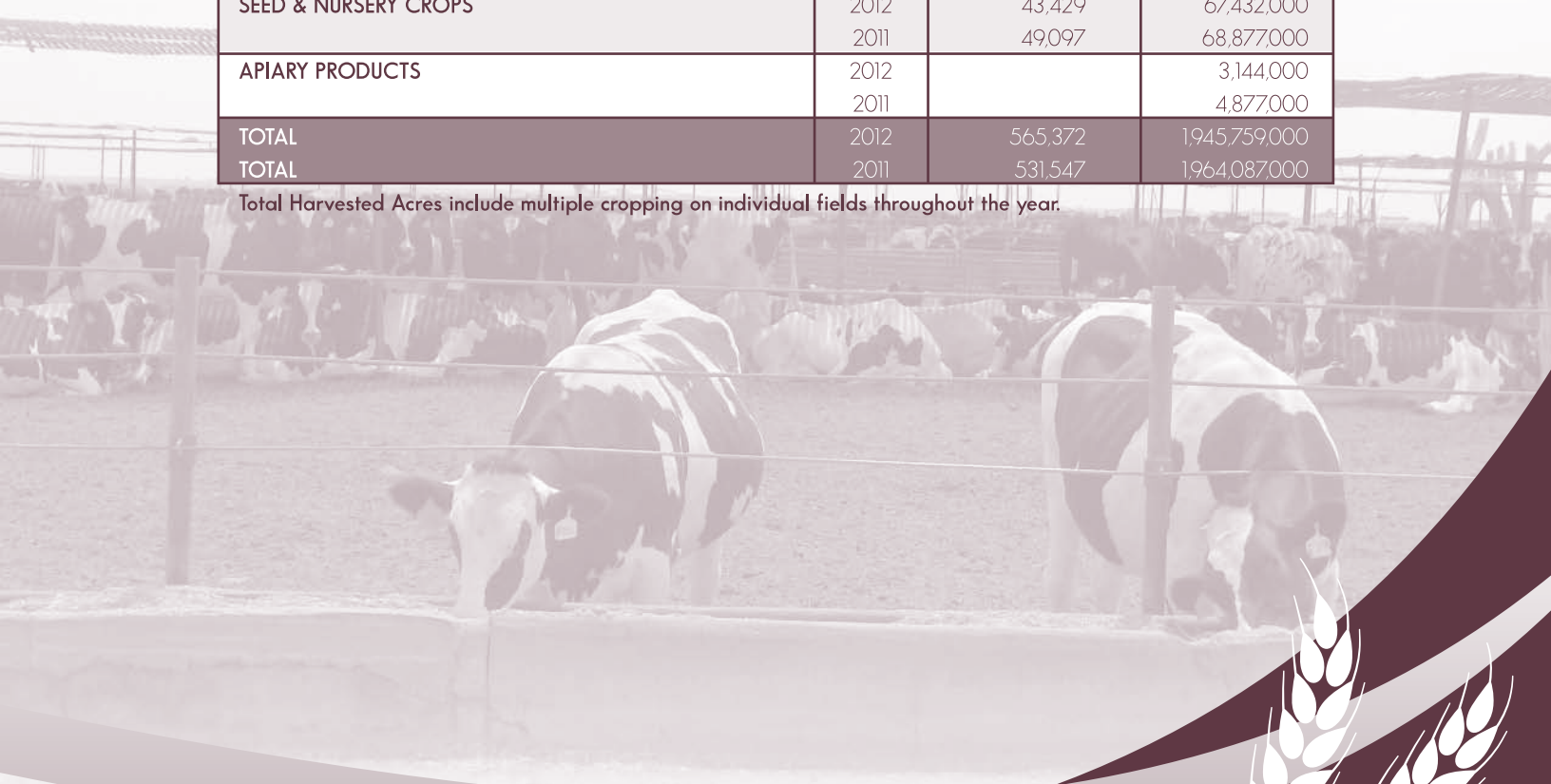




# IMPERIAL COUNTY 2012 Summary

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.



[www.co.imperial.ca.us/ag](http://www.co.imperial.ca.us/ag)





# 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 TOTAL	2012					VALUE	483,833,000
	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

[www.co.imperial.ca.us/ag](http://www.co.imperial.ca.us/ag)

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
<b>ONIONS</b>							
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
<b>TOTAL ONIONS</b>	2012	8,503					54,284,000
	2011	8,280					38,528,000
<b>POTATOES</b>	2012	2,211	310	685,410	CWT	23.50	16,107,000
	2011	2,297	200	459,400	CWT	30.34	13,938,000
<b>SPINACH</b>	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
<b>SWEET CORN</b>	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
<b>ROMAINE<sup>1</sup></b>	2012	7,743	766	5,931,138	35 LB CTN	10.05	59,608,000
<b>MISC. VEGETABLES</b>	2012	8,502					52,454,000
	2011	9,321					70,198,000
<b>CANTALOUPE</b>	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
<b>HONEYDEW &amp; MISC. MELONS</b>	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
<b>WATERMELONS</b>	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
<b>TOTAL 2012</b>		<b>ACRES</b>	118,940			<b>VALUE</b>	718,219,000
<b>TOTAL 2011</b>		<b>ACRES</b>	109,806			<b>VALUE</b>	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

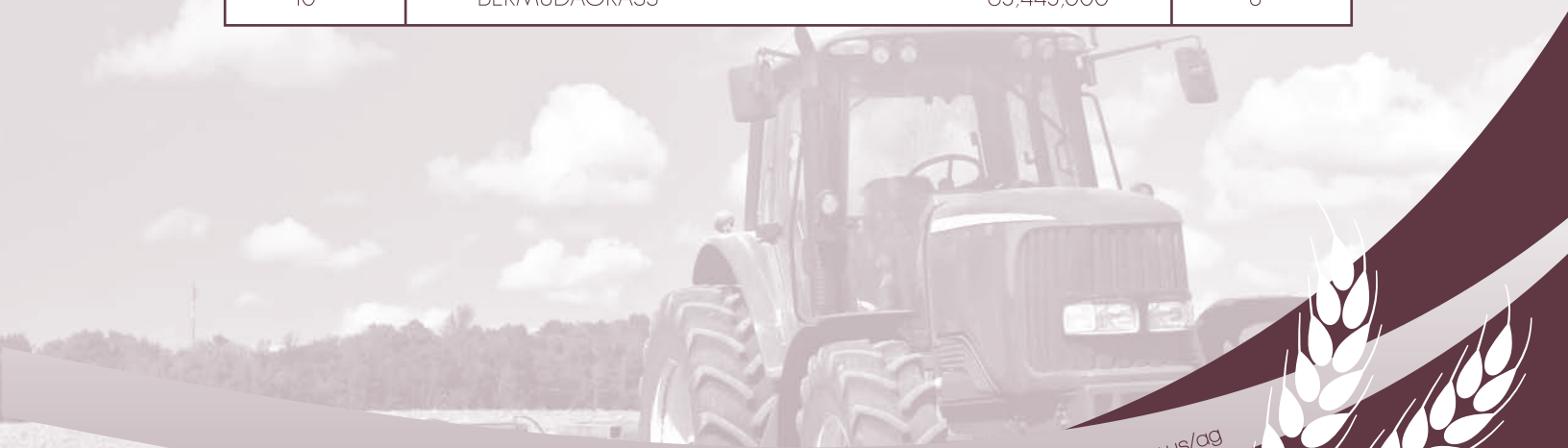






# IMPERIAL COUNTY Top Ten Commodities

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



[www.co.imperial.ca.us/ag](http://www.co.imperial.ca.us/ag)





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

