



**Imperial County**

**Agriculture - 1987**

OFFICE OF THE  
**AGRICULTURAL COMMISSIONER**

STEPHEN L. BIRDSALL  
COMMISSIONER DIRECTOR APCO

DARRELL E. BYRD  
CHIEF DEPUTY COMMISSIONER DIRECTOR  
ASSISTANT APCO

150 SOUTH NINTH STREET  
EL CENTRO, CALIFORNIA 92243-2801  
(619) 339-4314

# IMPERIAL COUNTY

OFFICE OF  
AGRICULTURAL COMMISSIONER  
DIRECTOR OF WEIGHTS AND MEASURES  
AIR POLLUTION CONTROL OFFICER

TO: JACK C. PARNELL, DIRECTOR  
DEPARTMENT OF FOOD AND AGRICULTURE  
STATE OF CALIFORNIA

and

THE HONORABLE BOARD OF SUPERVISORS  
COUNTY OF IMPERIAL

I herewith submit the annual crop report as required by Section 2279 of the Food and Agricultural Code.

Gross agricultural income in 1987 was 16.3% higher than 1986.

Overall gains were posted in field crops, livestock and vegetable crops.

The most spectacular gain was in market onions. Onion gross income increased a record 249% in gross value over the previous year. The increase for all vegetables combined was 23.8%. Gross receipts for livestock increased by 33% and field crops gained by 8%.

For the first time in several years, overall farm income is looking on the brighter side. This comes as a welcome relief from several years of economic hardship felt throughout the agricultural and associated industries in Imperial County.

Respectfully submitted,



STEPHEN L. BIRDSALL  
Agricultural Commissioner

## IMPERIAL COUNTY BOARD OF SUPERVISORS

Luis Legaspi, Chairperson  
Val Blume                  James Bucher  
Abe F. Seabolt          Jeanne Vogel

## FIELD CROPS 1986 - 1987

	YEAR	ACRES	YIELD PER ACRE	UNIT	TOTAL UNITS	VALUE PER UNIT	GROSS VALUE
Alfalfa	1987	27,994	9.60	Ton	268,742.40	85.12	22,873,000
(Cubed and Dehydrated)	1986	31,036	9.06	Ton	281,186.16	70.37	19,787,000
Alfalfa Hay	1987	158,633	8.60	Ton	1,364,243.80	77.37	105,552,000
(Baled)	1986	175,868	8.06	Ton	1,417,496.08	64.62	91,599,000
Total Alfalfa Acres	1987	186,627	8.75	Ton	1,632,986.20	78.64	128,425,000
(As of May 31)	1986	206,904	8.21	Ton	1,698,682.24	65.57	111,386,000
Barley	1987	484	2.30	Ton	1,113.20	89.83	100,000
	1986	464	2.16	Ton	1,002.24	86.25	86,000
Corn (Field)	1987	372	3.76	Ton	1,398.72	90.08	126,000
	1986	656	3.92	Ton	2,571.52	90.22	232,000
Cotton (Lint)	1987	19,313	2.40A	Bale	46,284.65	362.50B	16,778,000
	1986	17,169	2.52A	Bale	43,265.88	510.01B	22,066,000
Cotton (Seed)	1987	19,313	.84	Ton	16,222.92	136.60	2,216,000
	1986	17,169	.88	Ton	15,062.50	108.02	1,627,000
<b>PASTURE CROPS:</b>							
Alfalfa	1987	121,308	#	Acre		50.00	C 6,054,000
	1986	134,488	#	Acre		50.00	C 6,724,000
Ryegrass	1987	5,727	D	Acre		200.00	C 1,145,000
	1986	3,172	D	Acre		200.00	C 634,000
Sugar Beet Top	1987	30,150	#	Acre		40.00	C 1,206,000
	1986	26,706	#	Acre		40.00	C 1,068,000
Misc. Pasture	1987	4,693	#	Acre		44.96	C 211,000
	1986	5,851	#	Acre		45.00	C 263,000
Total Pasture	1987	161,878		Acre		53.23	8,616,000
	1986	170,217		Acre		51.05	8,689,000
Baled Straw	1987			Ton	54,767.00	40.01	2,191,000
(Wheat, Bermuda, Alfalfa)	1986			Ton	37,476.30	40.00	1,499,000
Sudangrass Hay	1987	24,914	6.84	Ton	170,467.00	70.00	11,933,000
	1986	13,527	4.98	Ton	67,364.46	67.85	4,571,000
Sugar Beets	1987	37,741	26.57	Ton	1,002,778.37	36.57	36,672,000
	1986	33,167	25.38	Ton	841,920.00	36.98	31,134,000
Wheat	1987	68,249	2.56	Ton	174,717.44	109.00	19,044,000
	1986	88,316	2.61	Ton	230,504.76	115.00	26,509,000
Misc. Field Crops*	1987	1,711		Ton		486.85	833,000
	1986	3,658		Ton		428.10	1,566,000

\* Sorghum Silage, Sorghum Milo  
Seasame, Peanuts, Oat Hay

A — 500 lb. Bales  
B — Includes Government Payment  
C — Included in Total Pasture  
D — Pastured Five Times

TOTAL: 1987 226,934,000  
TOTAL: 1986 209,365,000

# — Pastured One Time

## SEED & NURSERY 1986 - 1987

	YEAR	ACRES	UNITS PER ACRE	UNIT	TOTAL UNITS	VALUE PER UNIT	GROSS VALUE
Alfalfa Seed	1987	19,961	456.32	lbs.	9,108,603.52	.90	8,198,000
	1986	15,730	476.49	lbs.	7,495,187.70	.81	6,077,000
Bermudagrass Seed	1987	23,476	838.58	lbs.	19,686,504.08	.80	15,749,000
(Acres as of May 31)	1986	20,830	938.80	lbs.	19,555,204.00	1.60	31,362,000
Wheat Seed	1987	1,983	5,260.00	lbs.	10,430,580.00	.075	782,000
	1986	2,649	5,842.00	lbs.	15,475,458.00	.070	1,083,000
Misc. Field Crops	1987			lbs.			660,000
(Seed)	1986			lbs.			561,000
Onion Seed*	1987	2,242	779.93	lbs.	1,748,600.00	4.31	7,528,000
	1986			lbs.			3,527,000
Misc. Veg., Flower Seed & Nurseries	1987			lbs.			1,968,000
	1986			lbs.			1,899,000
Certified Seed	1987			lbs.			1,640,000
	1986			lbs.			3,908,000

\* New category for 1987

TOTAL: 1987 36,525,000  
TOTAL: 1986 48,417,000

## VEGETABLE CROPS 1986 - 1987

	YEAR	ACRES	YIELD PER ACRE	UNIT	TOTAL UNITS	VALUE PER UNIT	GROSS VALUE
Asparagus	1987	3,821	1.77	Ton	6,775.70	1,893.43	12,829,000
	1986	3,527	1.61	Ton	5,672.70	1,732.68	9,829,000
Broccoli	1987	7,874	5.55	Ton	43,714.88	450.01	19,672,000
	1986	7,390	5.39	Ton	39,865.28	390.44	15,565,000
Cabbage	1987	708	9.84	Ton	6,970.25	126.82	884,000
	1986	519	10.79	Ton	5,601.03	170.86	957,000
Cantaloupes (Spring)	1987	18,935	9.70	Ton	183,665.00	287.50	52,804,000
	1986	17,324	6.94	Ton	120,201.58	271.50	32,635,000
Cantaloupes (Fall)	1987	9,168	5.68	Ton	52,073.46	230.69	12,013,000
	1986	10,350	3.66	Ton	37,879.20	259.00	9,773,000
Carrots	1987	12,038	25.92	Ton	312,024.96	180.00	56,164,000
	1986	10,754	25.01	Ton	268,957.54	206.78	55,615,000
Cauliflower	1987	5,640	4.92	Ton	27,762.02	542.61	150,640,000
	1986	3,187	5.09	Ton	16,216.62	569.54	9,236,000
Honeydew Melons (Spring)	1987	367	10.81	Ton	3,968.03	700.10	2,778,000
	1986	173	6.96	Ton	1,204.31	220.04	265,000
Honeydew Melons (Fall)	1987	3,257	6.73	Ton	21,925.80	266.03	5,833,000
	1986	3,394	4.25	Ton	14,434.89	312.65	4,513,000
Melons (Misc.) (Spring)	1987	152	10.58	Ton	1,608.30	733.07	1,179,000
	1986	204	6.13	Ton	1,249.98	221.60	277,000
Melons (Misc.) (Fall)	1987	798	6.05	Ton	4,829.54	371.26	1,793,000
	1986	556	5.15	Ton	2,860.77	368.08	1,053,000
Lettuce	1987	28,986	11.61	Ton	336,503.88	228.80	76,992,000
	1986	30,554	10.86	Ton	331,854.73	238.57	79,169,000
Lettuce (Mixed)	1987	1,772	13.99	Ton	24,789.08	267.98	6,643,000
	1986	924	11.07	Ton	10,228.68	389.40	3,983,000
Onions (Merkel)	1987	3,291	20.46	Ton	67,343.10	420.00	28,284,000
	1986	2,544	21.29	Ton	54,173.70	149.59	8,104,000
Onions (Processor)	1987	5,014	21.52	Ton	107,901.28	68.00	7,337,000
	1986	4,457	22.23	Ton	99,079.11	72.00	7,134,000
Salad Products	1987	29,694	.75	Ton	22,389.45	244.40	5,472,000
	1986	31,073	.63	Ton	19,440.11	310.59	6,038,000
Squash (All Varieties)	1987	361	6.00	Ton	2,166.00	424.75	920,000
	1986	355	6.61	Ton	2,346.55	328.14	770,000
Tomatoes (Market)	1987	683	15.05	Ton	10,279.14	631.96	6,496,000
	1986	746	9.29	Ton	6,931.59	565.96	3,923,000
Tomatoes (Processor)	1987	2,510	31.00	Ton	77,810.00	46.27	3,600,000
	1986	2,999	36.94	Ton	110,783.06	48.50	5,373,000
Watermelons	1987	4,456	13.35	Ton	59,488.20	170.00	10,113,000
	1986	3,327	12.72	Ton	42,331.42	172.40	7,298,000
Mixed Vegetables*	1987			Ton	37,217.51	295.10	10,983,000
	1986			Ton	26,401.12	318.08	8,398,000

\*Mixed Vegetables = Beans, Bell Peppers, Celery, Chinese Vegetables, Corn, Cucumbers, Egg Plant, Garlic, Parsley, Parsnips, Radishes, Rutabegas, Turnips, Artichokes, Rapini

TOTAL:1987 337,853,000  
TOTAL:1986 269,908,000

## LIVESTOCK 1986 - 1987

	YEAR	HEAD	UNIT GAIN	UNIT	TOTAL GAIN	VALUE PER CWT	GROSS VALUE
Cattle	1987	410,550	6.21	CWT	2,549,515.50	65.76	167,656,000
	1986	357,000	6.25	CWT	2,231,250.00	56.20	125,404,000
Sheep (Feeders)	1987	105,000	.66	CWT	69,300.00	74.68	5,175,000
	1986	108,126	.65	CWT	70,281.90	67.58	4,750,000
Wool	1987			lbs.	481,000.00	A 1.50	722,000
	*1986			lbs.	330,192.00	* 1.67	551,000
Aquatic Products (Fish & Algae)	1987			lbs.			3,059,000
	1986			lbs.			1,644,000
Misc. Livestock (Dairy & Swine)	1987						1,113,000
	1986						1,029,000

A — Includes Estimated Government Payments

\* — Adjusted to Actual Payment & lbs.

TOTAL: 1987 177,725,000  
TOTAL: 1986 133,378,000

## STANDARD UNITS USED IN VEGETABLE CROP PRODUCTION 1986 - 1987

	YEAR	ACRES	UNITS	YIELD PER ACRE	TOTAL PRODUCTION
Asparagus	1987	3,821	30 lb. Crate	118.22	451,713
	1986	3,527	30 lb. Crate	107.22	378,180
Broccoli	1987	7,874	26 lb. Carton	427.06	3,362,683
	1986	7,390	26 lb. Carton	414.96	3,066,560
Cabbage	1987	708	50 lb. Carton	393.80	278,811
	1986	519	50 lb. Carton	431.67	224,041
Cantaloupes (Spring)	1987	18,935	40 lb. Carton	484.99	9,183,250
	1986	17,324	40 lb. Carton	346.92	6,010,079
Cantaloupes (Fall)	1987	9,168	40 lb. Carton	283.99	2,603,673
	1986	10,350	40 lb. Carton	182.99	1,893,960
Cauliflower	1987	5,640	23 lb. Carton	428.03	2,414,089
	1986	3,187	23 lb. Carton	442.47	1,410,141
Honeydews (Spring)	1987	367	30 lb. Carton	720.80	264,535
	1986	173	30 lb. Carton	464.08	80,287
Honeydews (Fall)	1987	3,257	30 lb. Carton	448.79	1,461,720
	1986	3,394	30 lb. Carton	283.54	962,326
Melons (Misc.) (Spring)	1987	152	30 lb. Carton	705.39	107,220
	1986	204	30 lb. Carton	408.49	83,332
Melons (Misc.) (Fall)	1987	798	30 lb. Carton	403.47	321,969
	1986	556	30 lb. Carton	343.01	190,718
Lettuce	1987	28,986	50 lb. Carton	464.37	13,460,155
	1986	30,554	50 lb. Carton	434.45	13,274,189
Lettuce (Mixed)	1987	1,772	35 lb. Carton	799.39	1,416,519
	1986	924	35 lb. Carton	632.57	584,496
Onions (Market)	1987	3,291	50 lb. Bags	818.51	2,693,724
	1986	2,544	50 lb. Bags	851.79	2,166,948
Tomatoes (Market)	1987	683	25 lb. Carton	1,204.00	822,331
	1986	746	25 lb. Carton	743.34	554,527

## FRUIT AND NUT CROPS 1986 - 1987

	YEAR	ACRES	UNITS PER ACRE	UNIT	TOTAL UNITS	VALUE PER UNIT	GROSS VALUE
Dates	1987	446	3.23	Ton	1,440.58	3,543.71	5,105,000
	1986	446	3.28	Ton	1,461.50	2,917.02	4,263,000
Grapefruit	1987	537	9.65	Ton	5,184.42	355.87	1,845,000
	1986	552	10.39	Ton	5,732.58	379.24	2,174,000
Lemons	1987	1,656	4.62	Ton	7,650.72	451.59	3,455,000
	1986	1,638	7.30	Ton	11,953.31	616.31	7,367,000
Oranges (Navels & Valencia)	1987	632	7.56	Ton	4,778.63	389.02	1,859,000
	1986	632	7.28	Ton	4,597.80	435.73	2,003,000
Tangerines	1987	205	7.25	Ton	1,486.25	560.47	833,000
	1986	205	7.70	Ton	1,578.50	527.72	833,000
Mixed Citrus (Limes, Temples, Tangelos)	1987	304	11.07	Ton	3,364.38	391.75	1,318,000
	1986	304	15.08	Ton	4,582.80	485.29	2,224,000
Fruit, Nuts & Oil Crops (Pecans, Jojoba, Peaches, Grapes)	1987	3,594	1.59	Ton	5,725.00	1,187.77	6,800,000
	1986	877	2.84	Ton	2,490.79	1,200.90	2,991,000
Citrus By-Products	1987			Ton	17,724.86	44.29	785,000
	1986			Ton	9,225.97	62.87	580,000
TOTAL: 1987							22,000,000
TOTAL: 1986							22,435,000

## APIARY PRODUCTS 1986 - 1987

	YEAR	HIVES	YIELD PER HIVE	UNIT	TOTAL UNITS	VALUE PER UNIT	GROSS VALUE
Honey	1987	92,002	48.89	lbs.	4,497,977.78	.55	2,474,000
	1986	79,061	76.38	lbs.	6,038,679.18	.57	3,442,000
Wax	1987	92,002	.66	lbs.	60,721.32	1.43	87,000
	1986	79,061	1.01	lbs.	79,851.61	1.03	82,000
Pollination	1987	122,669		Colonies		18.07	2,217,000
	1986	105,415		Colonies		16.30	1,718,000
TOTAL: 1987							4,778,000
TOTAL: 1986							5,242,000



## RECAPITULATION 1987

	1985	1986	1987
Aplary Products .....	3,801,000	5,242,000	4,778,000
Field Crops .....	*251,558,000	209,365,000	226,934,000
Fruit & Nut Crops .....	19,836,000	22,435,000	22,000,000
Livestock & Dairy .....	173,373,000	*133,378,000	177,725,000
Seed & Nursery .....	44,485,000	48,417,000	36,525,000
Vegetable Crops .....	249,921,000	269,908,000	337,853,000
TOTAL .....	*742,974,000	*688,745,000	805,815,000

\* - Adjusted Gross Income

## MILLION DOLLAR CROPS FOR 1987

Cattle .....	\$ 167,656,000	Fruit, Nut & Oil Crops .....	\$ 6,800,000
Alfalfa Hay .....	105,552,000	Lettuce (Mixed) .....	6,643,000
Lettuce .....	76,992,000	Tomatoes (Market) .....	6,496,000
Carrots .....	56,164,000	Honeydews (Fall) .....	5,833,000
Cantaloupes (Spring) .....	52,804,000	Salad Products .....	5,472,000
Sugar Beets .....	36,672,000	Sheep .....	5,175,000
Onions (Market) .....	28,284,000	Dates .....	5,105,000
Alfalfa (Cubes & Dehydrated) .....	22,873,000	Tomatoes (Processor) .....	3,600,000
Broccoli .....	19,672,000	Lemons .....	3,455,000
Wheat .....	19,044,000	Aquatic Products .....	3,059,000
Cotton (Lint) .....	16,778,000	Honeydews (Spring) .....	2,778,000
Bermudagrass Seed .....	15,749,000	Honey .....	2,474,000
Cauliflower .....	15,064,000	Pollination .....	2,217,000
Asparagus .....	12,829,000	Cotton (Seed) .....	2,216,000
Cantaloupes (Fall) .....	12,013,000	Baled Straw .....	2,191,000
Sudangrass Hay .....	11,933,000	Veg. & Flower Seed .....	1,968,000
Mixed Vegetables .....	10,983,000	Oranges .....	1,859,000
Watermelons .....	10,113,000	Grapefruit .....	1,845,000
Total Pasture .....	8,616,000	Misc. Melons (Fall) .....	1,793,000
Alfalfa (Seed) .....	8,198,000	Certified Seed .....	1,640,000
Onion (Seed) .....	7,528,000	Mixed Citrus .....	1,318,000
Onion (Processor) .....	7,337,000	Misc. Melons (Spring) .....	1,179,000
		Misc. Livestock .....	1,113,000