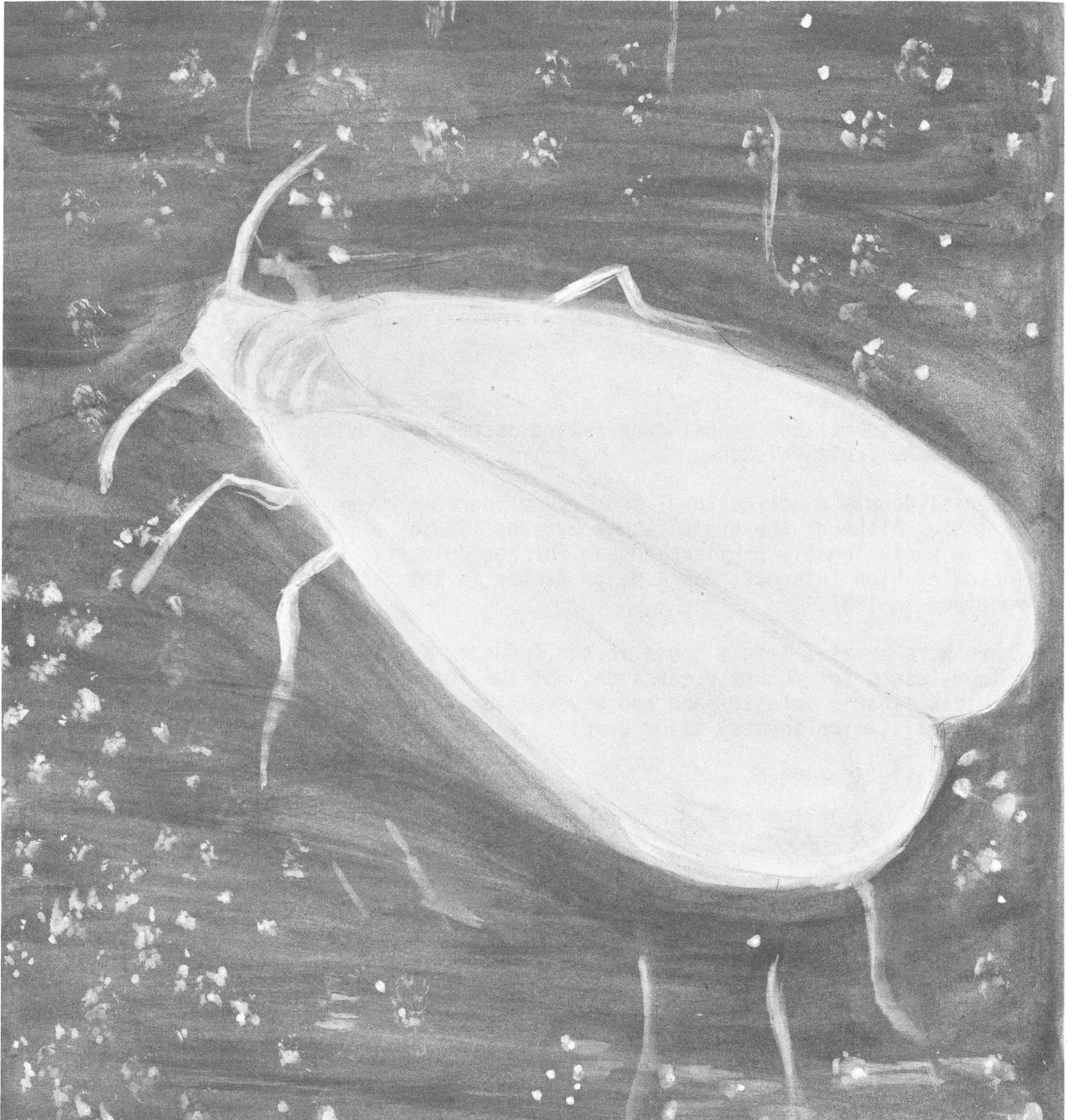


Imperial County Agriculture
1981



White Fly

Office of the
Agricultural Commissioner

CLAUDE M. FINNELL
COMMISSIONER - DIRECTOR - APCO

DARRELL E. BYRD
CHIEF DEPUTY COMMISSIONER - DIRECTOR
ASSISTANT APCO

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IMPERIAL COUNTY

OFFICE OF

AGRICULTURAL COMMISSIONER

DIRECTOR OF WEIGHTS AND MEASURES

AIR POLLUTION CONTROL OFFICER

TO: MR. RICHARD E. ROMINGER, 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.

Imperial County's agricultural industry produced a gross income of \$764,862,000 in 1981. Although the gross income exceeds 1980 by a slight amount, 1981 was not an exceptionally profitable year for agriculture. Cost of production, including high interest, was a major factor in the declining net income farmers received in 1981.

There were several bright spots in the industry for 1981 but there were some ominous signs for future production, not the least of which is whitefly (*Bemisia tabaci*) infestations and several very serious viruses described for the first time on several major crops.

Respectfully submitted,



CLAUDE M. FINNELL
Agricultural Commissioner

IMPERIAL COUNTY BOARD OF SUPERVISORS

James Bucher, Chairman

Luis M. Legaspi

Louis Curiel

John Kennerson

Abe F. Seabolt

LIVESTOCK AND DAIRY 1980-1981

	Year	Head	Unit Gain	Unit	Total Gain	Per Unit	Value
Cattle	1981	601,143	5.85	CWT	3,516,689	62.44	219,582,000
	1980	626,211	4.36	CWT	2,730,280	69.12	188,717,000
Sheep	1981	86,490	.70	CWT	60,543	53.56	3,243,000
	1980	125,000	.50	CWT	62,500	66.97	4,186,000
Wool	1981	86,490	4.20	LBS	363,258	.87	316,000
	1980	125,000	4.30	LBS	537,500	1.00	538,000
Fish	1981			LBS	1,214,806	1.52	1,846,000
	1980	(N)*					
Misc. Livestock (Dairy & Swine)	1981			LBS			1,003,000
	1980	(A)+					
						TOTAL 1981	225,990,000
						TOTAL 1980	195,220,000

*(N) - New category in 1981

+(A) - New combination in 1981. Not shown in 1980.

APIARY PRODUCTS 1980-1981

	Year	Colonies	Yield	Unit	Production	Per Unit	Value
Honey	1981	52,130	25.42	lbs.	1,325,244	0.468	620,000
	1980	51,263	42.27	lbs.	2,166,887	0.46	997,000
Wax	1981	52,130	.637	lbs.	33,207	1.87	62,000
	1980	51,263	.669	lbs.	34,346	1.85	64,000
Pollination	1981	48,554		Colonies		15.00	728,000
	1980	46,104		Colonies		14.30	659,000
						TOTAL 1981	1,410,000
						TOTAL 1980	1,720,000

SEED AND NURSERY 1980-1981

	Year	Acres	Per Acre	Unit	Total	Per Unit	Value
Alfalfa Seed	1981	39,554	380	Lbs.	15,039,617	1.05	15,792,000
	1980	12,491	298	Lbs.	3,722,318	1.42	5,286,000
Bermudagrass Seed	1981	6,600	800	Lbs.	5,280,000	1.15	6,072,000
	1980	(A)					
Wheat Seed	1981	6,471	5,831	Lbs.	37,732,401	0.09	3,396,000
	1980	2,589	5,386	Lbs.	13,944,354	0.20	2,789,000
Misc. Seed (Field Crops Oats, Barley, Cotton, Etc.)	1981						1,074,000
	1980						8,078,000
Vegetable, Flower Seeds & Nursery Stock	1981						5,719,000
	1980						6,465,000
Certified Seeds	1981						4,359,000
	1980						2,957,000
						TOTAL 1981	36,412,000
						TOTAL 1980	25,699,000

(A) - Not shown as separate crop included in Misc. Seed for 1980



PACKING ASPARAGUS

FIELD CROPS 1980-1981

	YEAR	ACRES	YIELD PER ACRE	UNIT	TOTAL UNITS	VALUE PER UNIT	VALUE
Alfalfa	1981	19,911	5.9	Ton	117,475	98.00	11,513,000
(Cube and Dehydrated)	1980	28,200	5.8	Ton	163,560	110.00	17,992,000
Alfalfa Hay	1981	175,816	8.3	Ton	1,459,273	80.00	116,742,000
	1980	187,219	8.7	Ton	1,628,805	88.00	143,335,000
Alfalfa (Pasture)	1981	112,830#		Acre		40.00	4,513,000
	1980	159,136#		Acre		25.00	3,978,000
Barley	1981	382	2.5	Ton	955	120.00	115,000
	1980	1,895	2.6	Ton	4,927	120.00	591,000
Cotton (Lint)	1981	88,073	2.23A	Bales	196,403	350.00B	68,741,000
	1980	83,000	2.84A	Bales	235,720	425.00B	100,181,000
Cotton (Seed)	1981	88,073	0.95	Ton	83,669	90.00	7,530,000
	1980	83,000	1.14	Ton	94,288	100.00	9,428,000
PASTURE:							
Sugar Beet Top	1981	30,125#		Acre		32.50	979,000
	1980	31,332#		Acre		30.00	940,000
Ryegrass	1981	5,762		Acre		190.00	1,095,000
	1980	888		Acre		180.00	160,000
Other	1981	6,359		Acre		50.00	318,000
	1980	8,346		Acre		50.00	417,000
Screening	1981			Ton	4,000	30.00	120,000
	1980			Ton	2,000	27.00	54,000
Sorghum (Grain)	1981	2,599	2.60	Ton	6,757	110.00	743,000
	1980	3,807	2.85	Ton	10,850	125.00	1,356,000
Sorghum (Silage)	1981	625	29.00	Ton	18,125	30.00	544,000
	1980	222	30.00	Ton	6,660	25.00	167,000
Baled Straw	1981			Ton	41,190	27.00	1,112,000
(Wheat, Alfalfa, Barley, etc.)	1980			Ton	39,465	26.00	1,026,000
Sudangrass Hay	1981	16,684	5.5	Ton	91,762	45.00	4,129,000
	1980	20,474	5.0	Ton	102,370	52.00	5,323,000
Sugar Beets	1981	39,541	28.33	Ton	1,120,196	41.08	46,018,000
	1980	36,861	26.90	Ton	991,561	55.00	54,536,000
Wheat	1981	161,779	2.74	Ton	443,274	165.00	73,140,000
	1980	142,073	2.75	Ton	390,701	155.00	60,559,000
# - Pastured Once							TOTAL 1981 337,352,000
A - 500 Lbs. per bale							TOTAL 1980 400,043,000

B - Includes Government Supports

TOTAL 1981 337,352,000
TOTAL 1980 400,043,000

VEGETABLE CROPS 1980-1981

	YEAR	ACRES	PER ACRE	UNIT	TOTAL	PER UNIT	VALUE
Asparagus	1981	2,251	1.48	Ton	3,351	1,963.61	6,580,000
	1980	2,807	1.35	Ton	3,789	1,956.00	7,411,000
Broccoli	1981	2,755	2.95	Ton	8,130	680.02	5,529,000
	1980	2,570	3.19	Ton	8,198	614.54	5,038,000
Cabbage (Includes Salad Products)	1981	1,221	7.43	Ton	9,083	130.35	1,184,000
	1980	817	1.15	Ton	940	100.00	94,000
Cantaloupes	1981	13,967	5.05	Ton	70,541	377.79	26,651,000
	1980	11,812	5.43	Ton	64,139	303.69	19,478,000
Carrots	1981	5,912	19.05	Ton	112,623	141.88	15,979,000
	1980	6,206	18.00	Ton	111,708	118.00	13,182,000
Lettuce (Includes Salad Products)	1981	37,562	10.43	Ton	392,010	141.47	55,458,000
	1980	46,110	7.94	Ton	366,113	131.70	48,217,000
Lettuce (Other)	1981	515	6.33	Ton	3,258	259.52	846,000
	1980	418	6.11	Ton	2,554	274.18	700,000
Melons (Other)	1981	4,341	2.36	Ton	10,490	408.07	4,281,000
	1980	2,615	7.97	Ton	20,842	288.64	6,016,000
Onions (Market)	1981	1,860	17.09	Ton	31,800	432.15	13,743,000
	1980	907	20.49	Ton	18,584	230.00	4,274,000
Romaine	1981	279	6.97	Ton	1,946	171.89	335,000
	1980	444	8.08	Ton	3,588	204.86	735,000
Squash (Banana, Table, Mediterranean, Zucchini)	1981	718	3.57	Ton	2,564	508.15	1,303,000
	1980	722	5.85	Ton	4,224	367.42	1,552,000
Tomatoes (Cannery)	1981	850	30.35	Ton	25,800	50.80	1,310,000
	1980	350	39.00	Ton	13,650	47.00	642,000
Tomatoes (Market)	1981	800	11.33	Ton	20,394	512.43	10,450,000
	1980	1,270	10.97	Ton	13,932	497.77	6,935,000
Watermelons	1981	3,732	9.76	Ton	36,427	172.02	6,266,000
	1980	3,633	11.00	Ton	39,963	154.20	6,162,000
Onions (Processor)	1981	2,400	16.0	Ton	38,400	68.00	2,611,000
	1980	2,300	16.50	Ton	37,950	67.50	2,562,000
*Mixed Vegetables	1981	1,728		Ton	10,608		4,930,000
	1980	1,830		Ton	13,894		4,584,000
TOTAL 1981							157,456,000
TOTAL 1980							127,582,000

*Mixed Vegetables - Cauliflower, Celery, Chinese Cabbage, Cucumber, Rapini, Rutabaga, Turnips, Garlic Processor, Garlic Mkt., Bell Peppers, Spinach

FRUIT AND NUT CROPS 1980-1981

	YEAR	ACRES	PER ACRE	UNITS	TOTAL	PER UNIT	VALUE
Dates	1981	419	2.07	Ton	869	2,420.00	2,103,000
	1980	420	1.86	Ton	781	2,362.00	1,845,000
Grapefruit	1981	553	11.37	Ton	6,290	80.00	503,000
	1980	552	4.01	Ton	2,214	171.87	381,000
Lemons	1981	1,909	10.06	Ton	19,209	114.29	2,195,000
	1980	1,784	5.35	Ton	9,544	340.00	3,245,000
Oranges	1981	643	4.38	Ton	2,813	28.54	80,000
	1980	571	4.90	Ton	2,798	300.00	839,000
Tangerines	1981	224	3.00	Ton	672	108.00	73,000
	1980	224	4.00	Ton	896	82.00	73,000
Mixed Fruit, and Nuts (Apricots, Peaches, Pecans, Nectarines, Plums)	1981	77	4.23	Ton	326	800.00	261,000
	1980	(N)*					
Mixed Citrus (Limes, Temples, Tangelos)	1981	144	3.50	Ton	504	185.71	94,000
	1980	221	3.54	Ton	784	81.63	64,000
Citrus By-Products	1981			Ton	12,621	73.94	933,000
	1980			Ton	7,516	63.06	474,000
TOTAL	1981	3,969				TOTAL 1981	6,242,000
TOTAL	1980	3,772				TOTAL 1980	6,921,000

*(N) New Category for 1981



LAMB AND WOOL PRODUCTION

RECAPITULATION 1981

	1980	1981
Apiary	\$ 1,720,000	\$ 1,410,000
Field Crops	400,043,000	337,352,000
Fruit and Nut Crops	6,921,000	6,242,000
Livestock and Dairy	195,220,000	225,990,000
Seed and Nursery	25,699,000	36,412,000
Vegetable Crops	127,582,000	157,456,000
TOTAL	\$ 757,185,000	\$ 764,862,000

MILLION DOLLAR CROPS 1981

Cattle	\$ 219,582,000	Mixed Vegetables	\$ 4,930,000
Alfalfa	132,768,000	Misc. Certified Seeds	4,359,000
Wheat	73,140,000	Melons (Other)	4,281,000
Cotton (Lint)	68,741,000	Sudangrass Hay	4,129,000
Lettuce	55,458,000	Wheat Seed	3,396,000
Sugar Beets	46,018,000	Sheep	3,243,000
Cantaloupes	26,651,000	Onions (Processor)	2,611,000
Carrots	15,976,000	Pastures (Various)	2,392,000
Alfalfa Seed	15,792,000	Lemons	2,195,000
Onions (Market)	13,743,000	Dates	2,103,000
Tomatoes (Market)	10,450,000	Fish	1,846,000
Cotton Seed	7,530,000	Tomatoes (Cannery)	1,310,000
Asparagus	6,580,000	Squash	1,303,000
Watermelons	6,266,000	Cabbage	1,184,000
Bermudagrass Seed	6,072,000	Baled Straws	1,112,000
Vegetable Flower Seed	5,719,000	Misc. Field Crop Seeds	1,074,000
Broccoli	5,529,000	Misc. Livestock	1,003,000