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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Imperial County

1920-1951

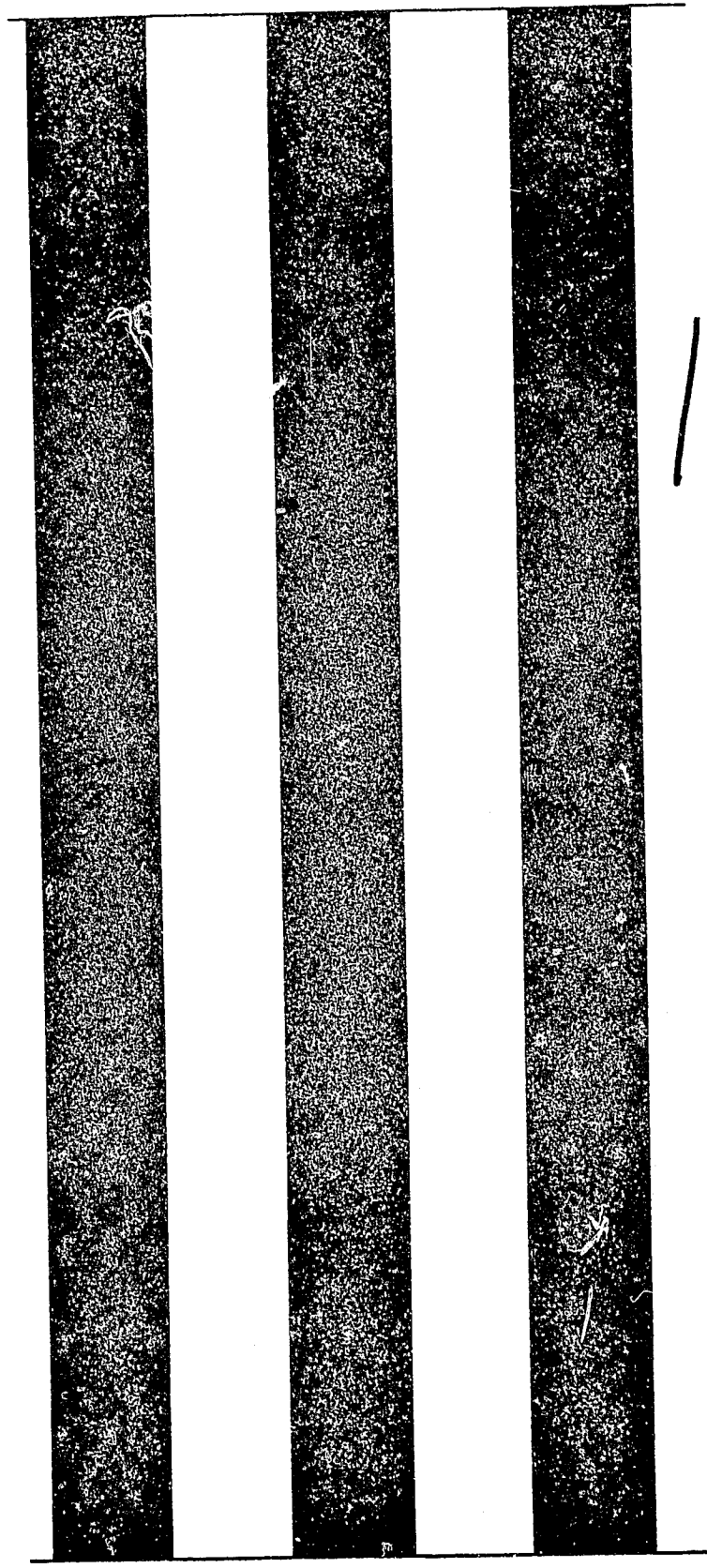
California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

This digitization project was funded by the Giannini Foundation of Agricultural Economics,  
<http://giannini.ucop.edu/>.

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IMPERIAL COUNTY

1920 - 1981  
(1922, 1924-1926, 1934, 1936 NOT AVAILABLE)



1920

**IMPERIAL COUNTY PUBLICITY COMMISSION**  
**EL CENTRO CALIFORNIA**

**INCREASE IN LIVE STOCK, CROP ACREAGES AND  
PROPERTY VALUES IN IMPERIAL COUNTY**

The following Table is compiled from Official Reports which are based on the annual census of county assessors:

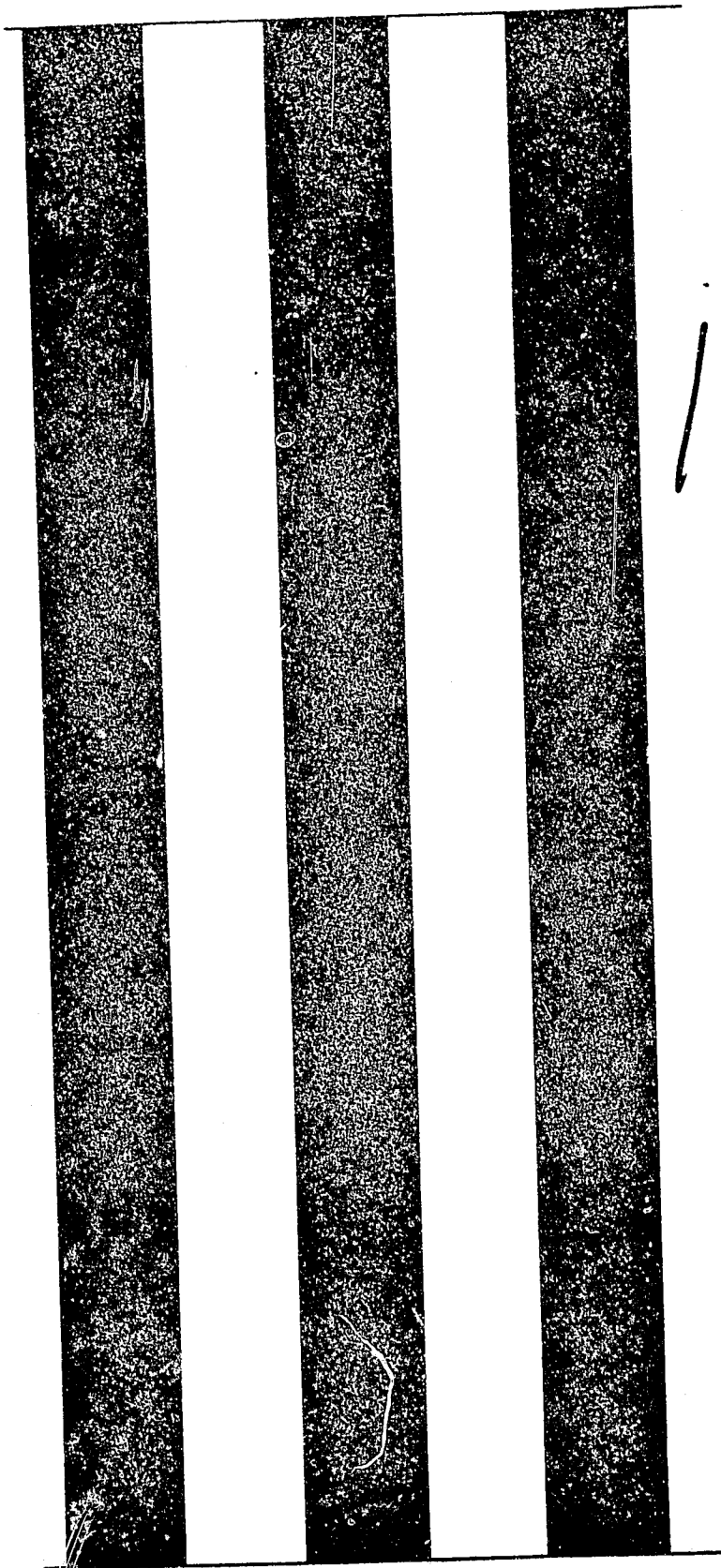
	1910	1912	1914	1916	1918	1919	1920
Tota Assessed							
Property Value	\$12,148,180	\$19,067,433	\$25,739,973	\$30,744,665	\$35,859,028	\$40,350,450	\$73,197,093
<b>FIELD CROPS</b>							
Alfalfa -- Acres	32,703	85,000	109,653	95,562	98,274	96,040	92,229
Barley	43,573	116,000	71,915	83,540	69,761	75,292	69,430
Cotton	6,538	8,000	38,810	44,116	77,216	61,217	126,081
Cantaloupes	1,111	5,500	11,801	13,043	12,214	13,392	18,710
Milo	4,327	-----	12,482	52,207	81,648	67,816	35,590
Wheat	-----	-----	-----	1,866	9,050	37,288	9,506
<b>LIVE STOCK</b>							
Cattle -- Number	14,063	42,238	43,896	61,920	59,622	72,563	66,520
Hogs	34,292	52,320	20,262	48,262	34,194	29,127	28,403
Sheep	14,825	21,508	11,972	35,843	47,596	107,886	65,207
Poultry -- Dozen	2,844	4,341	5,187	11,446	9,920	10,572	9,502

OTHER FIGURES FROM THE 1920 CENSUS ARE AS FOLLOWS:

	Acres
Asparagus	860
Tomatoes	1222
Peas	1658
Onions	420
Melons, other than Cantaloupes	3207
Oats	526
Strawberries	670
Cantaloupes	18710
Cotton	126081
	Number
Mules	3314
Horses	10349
Bees -- Stands	13160

A BIRDS-EYE COMPARISON OF IMPERIAL VALLEY			
	1900	1910	1920
Population	0	13,591	43,383
Assessed Valuation	0	\$9,615,066	\$73,197,093
Value of Products	0	\$5,000,000	\$65,000,000
Total Exports		\$51,509,549.	
Products Consumed Locally		13,490,461.	
Total Produced		65,000,000.	

VALUE OF PRODUCTS	
Butter	\$3,377,000
Cantaloupes	9,208,000
Cotton and its By-Products	23,957,000
Grapes	494,000
Grain	5,007,040
Honey	260,400
Live Stock	4,752,300
Vegetables	1,809,500
Watermelons	276,960



1921

# FACTS ON IMPERIAL COUNTY, CALIFORNIA

THE THIRD FASTEST GROWING COUNTY IN THE UNITED STATES  
AND

THE RICHEST PRODUCING AREA IN THE WORLD

	1910	1921
Total Assessed Property Value.....	\$12,148,180.00	\$72,182,063.00
School Property .....		2,100,000.00

	1910	1921	ANNUAL AVERAGE IRRIGATION COST PER ACRE	CAR LOADS FORWARDED 1921	SHIPMENTS COMMENCE
Alfalfa—Acres .....	32,703	105,238	\$4.70	1,280	Feb. 15th
Barley .....	43,573	73,635	1.35	412	May 10th
Cotton .....	6,538	43,732	2.25	2,110	July 20th
Cantaloupes .....	1,111	23,362	2.75	10,666	May 15th
Milo .....	4,327	55,622	1.35	462	
Wheat .....	None	9,060	1.35	36	May 5th
Grapefruit .....	None	460		23	Nov. 1st
Asparagus .....	None	880	2.75	33	Feb. 12th
*Lettuce .....	None	12,000	2.75	3,684	Dec. 15th
Tomatoes .....	None	1,500	2.75	276	April 10th
Watermelons .....	None	2,500	3.10	1,522	July 1st
Grapes .....	None	2,500	1.75	163	June 5th
Peas .....	None	6,000	1.75	48	Jan. 15th
Strawberries .....	None	70			Feb. 10th
Spinach .....	None	30	2.75	13	Dec. 15th

\* (Carload shipments represents production from 7,000 acres 1920)

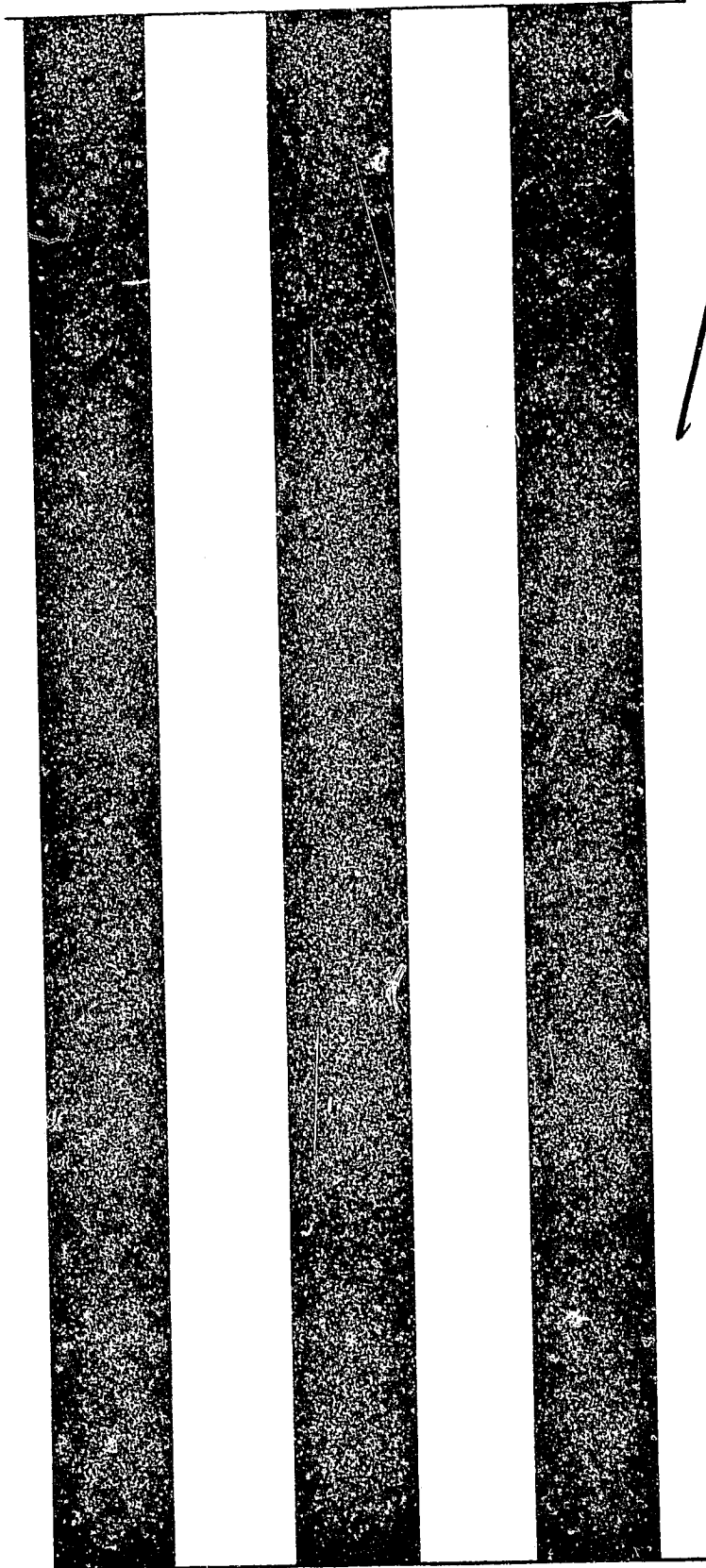
Annual Irrigation District Tax \$1.10 per acre—Annual Canal Maintenance \$3.00 per acre.

LIVE STOCK		FRUIT TREES	Bearing	Non-Bearing
Cattle (Stock) .....	26,204	Apricot .....	7,260	3,870
Cattle (Dairy) .....	25,675	Grapefruit .....	4,260	41,675
Hogs .....	17,921	Pears .....	4,170	3,860
Sheep .....	35,004	Dates .....	3,460	11,819
Mules .....	3,314	Fig .....	5,520	4,220
Horses .....	10,349	Lemon .....	480	1,260
Poultry (Dozens) .....	6,587	Olive .....	5,260	9,200
Bees (Stands) .....	10,350	Orange .....	1,870	4,280
Butter and Dairy By-Products, lbs. ....	6,000,000	Peach .....	720	1,286
Honey, lbs. ....	360,000	Plum .....	276	753

	1912	1919	1920	1921
al Irrigated Area, acres .....	242,110			531,674
al Annual Rainfall, feet .....	0.20	0.24	0.41	0.50
an Annual Temperature, Deg. Fahr. ....	70.0	71.0	70.1	71.1
; killing frost in spring before July 15th.....	Jan. 3rd	Feb. 25th	None	None
t killing frost in fall after July 15th.....	Dec. 21st	Nov. 29th	Dec. 7th	Nov. 19th

	1910	1910	1920	1921
uation Imperial County .....	0	13,591	43,383	Est. 50,000

Compiled by JAS. T. COYLE, Secretary, EL CENTRO CHAMBER OF COMMERCE



1923



# FACTS ON IMPERIAL COUNTY, CALIFORNIA

THE THIRD FASTEST GROWING COUNTY IN THE UNITED STATES  
AND  
THE RICHEST PRODUCING AREA IN THE WORLD

	1910	1923
Total Assessed Property Value.....	\$12,148,180.00	\$44,753,084.00
School Property .....		2,600,000.00
County Tax Rate	Outside Incorporated Cities.....	\$2.06
	Inside Incorporated Cities.....	1.69

	1910	1923	ANNUAL AVERAGE IRRIGATION COST PER ACRE	CAR LOADS FORWARDED 1923	SHIPMENTS COMMENCE
Alfalfa—Acres .....	32,703	106,158	\$4.70	1,169	Feb. 15th
Barley .....	43,573	65,806	1.35	245	May 10th
Cotton .....	6,538	54,653	2.25	930	July 20th
Cantaloupes .....	1,111	23,989	2.75	13,026	May 15th
Milo .....	4,327	23,769	1.35	231	
Wheat .....	None	6,434	1.35	68	May 5th
Grapefruit .....	None	1,950		53	Nov. 1st
Asparagus .....	None	1,093	2.75	35	Feb. 12th
Lettuce .....	None	14,132	2.75	7,730	Dec. 15th
Tomatoes .....	None	1,195	2.75	265	April 10th
Watermelons .....	None	3,344	3.10	2,356	July 1st
Grapes .....	None	4,200	1.75	206	June 5th
Peas .....	None	1,359	1.75	125	Dec 1st
Strawberries .....	None	530			Feb. 10th
Spinach .....	None	46	2.75	15	Dec. 15th

Annual Irrigation District Tax \$4.40 per \$100.00 Valuation.

### Live Stock

Cattle (Stock) .....	34,571
Cattle (Dairy) .....	38,250
Hogs .....	28,389
Sheep .....	51,417
Mules .....	2,366
Horses .....	8,166
Poultry (Dozens) .....	11,571
Bees (Stands) .....	9,566
Butter (Pounds) .....	6,500,000
Honey (Pounds, Estimated) .....	400,000

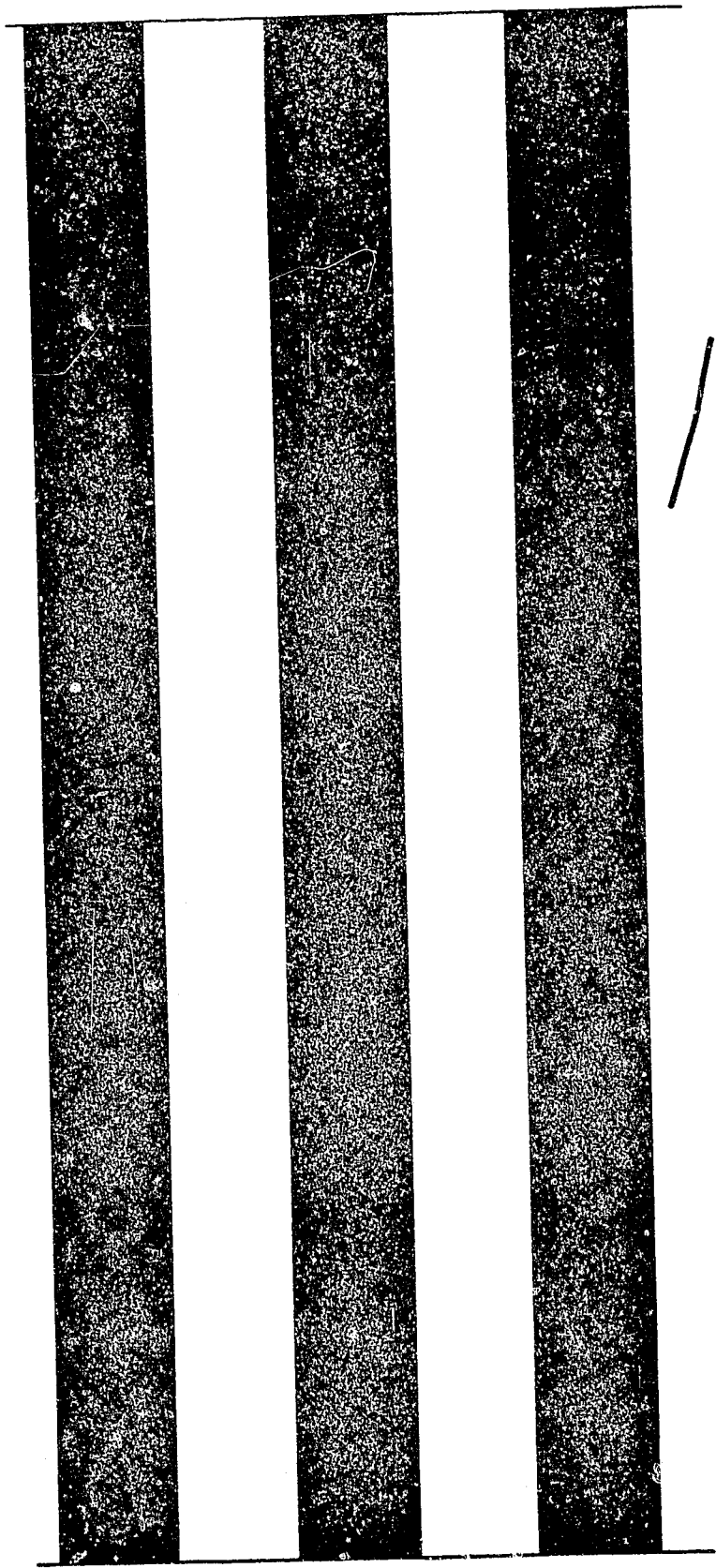
### Fruit Trees

	Bearing	Non-Bearing
Apricot .....	2,196	
Grapefruit .....	31,500	105,000
Pears .....	4,075	6,221
Dates .....	6,450	11,108
Fig .....	1,950	856
Lemon .....	252	250
Olive .....	3,200	823
Orange .....	1,600	1,012
Peach .....	168	850
Plum .....	276	753

	1912	1919	1920	1923
Total Irrigated Area, acres.....	242,110			531,674
Total Annual Rainfall, feet.....	0.20	0.24	0.41	0.27
Mean Annual Temperature, Deg. Fahr.....	70.0	71.0	70.1	70.2
Last killing frost in spring before July 15th.....	Jan. 3rd	Feb. 25th	None	None
First killing frost in fall after July 15th.....	Dec. 21st	Nov. 29th	Dec. 7th	None

	1900	1910	1920	1923
Population Imperial County.....	0	13,591	43,383	Est. 55,000

Compiled by JAS. T. COYLE, for the Board of Supervisors, Imperial County.



1927

# IMPERIAL COUNTY, CALIFORNIA

## AMERICA'S WINTER GARDEN

### THE RICHEST PRODUCING AREA PER ACRE IN THE WORLD

#### 1927 STATISTICS

Total Assessed Property Value .....	1910 \$12,148,180.00	1927 \$48,770,077.00
School Property .....	1923 \$ 2,600,000.00	1927 \$ 3,425,000.00
County Tax Rate {	Outside Incorporated Cities.....	\$2.30
	Inside Incorporated Cities.....	\$1.90

1910	Acres	1927	Acres	Shipments
Alfalfa .....	32,703	Alfalfa .....	168,210	2,938 cars
Barley .....	43,573	Barley .....	47,022	575 cars
Cotton .....	6,538	Cotton .....	16,102	8,607 bales
Cantaloupes .....	1,111	Cantaloupes .....	36,121	18,116 cars
Milo Maize .....	4,327	Milo Maize .....	34,105	234 cars
Wheat .....	None	Wheat .....	4,082	44 cars
Grapefruit .....	None	Grapefruit .....	6,941	125 cars
Asparagus .....	None	Asparagus .....	2,642	105 cars
Grapes .....	None	Grapes .....	3,855	761 cars
Tomatoes .....	None	Tomatoes .....	1,242	129 cars
Lettuce .....	None	Lettuce .....	34,297	11,133 cars
Watermelons .....	None	Watermelons .....	4,900	3,544 cars
Peas .....	None	Peas .....	4,621	471 cars
Strawberries .....	None	Strawberries .....	250	18 cars
Spinach .....	None	Spinach .....	365	200 cars
Summer Squash .....	None	Summer Squash .....	960	26 cars
Small Truck Crops .....	500	Small Truck Crops.....	5,600	344 cars

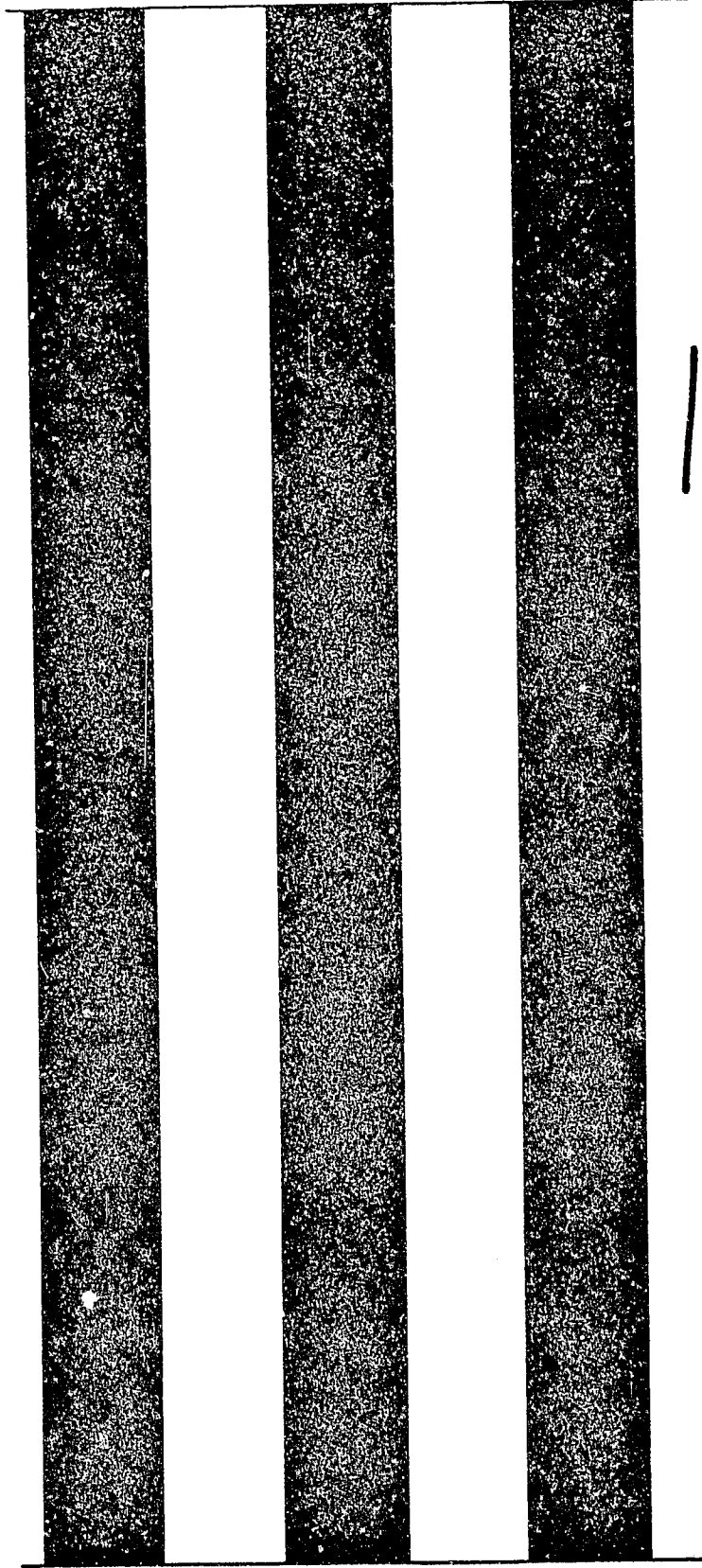
Live Stock	
Cattle (Stock) .....	36,065
Cattle (Dairy) .....	21,203
Hogs .....	12,518
Sheep .....	42,034
Horses .....	5,602
Poultry (Dozens) .....	9,025
Bees (Stands) .....	13,734
Butter (Pounds) .....	6,100,000
Honey (Pounds) .....	430,000

Fruit Trees	
Apricot .....	1,260
Figs .....	615
Olives .....	1,780
Prune .....	188
Lemon .....	212
Tangerines .....	4,200
Orange .....	13,020
Date .....	4,039
Pear .....	1,200
Plum .....	316
Peach .....	168

Total Irrigated Area (acres) .....	1910 242,110	1927 450,000
Total Annual Rainfall (inches) .....	2.4	4.70
Mean Annual Temperature .....	70.0	72.9
Last Killing Frost in Spring .....	January 2nd	January 24th
First Killing Frost in Fall .....	December 21st	December 7th

Population Imperial County .....	1900 0	1927 65,000
Total Shipments All Products (carloads).....		65,000

Compiled by IMPERIAL COUNTY BOARD OF TRADE, Co- House, EL CENTRO, CALIF.



1928-  
1932

Crop Value per Acreload for Imperial Valley  
1928 to 1932 Inclusive

	<u>1928</u>	<u>1929</u>	<u>1930</u>	<u>1931</u>	To Oct. 1st <u>1932</u>
Alfalfa	\$ 300.10	\$ 245.00	\$ 169.00	\$ 125.22	\$ 104.00
Barley	930.00	870.00	420.00	600.00	300.00
Milo Maize	870.00	900.00	440.00	540.00	450.00
Wheat	1177.12	1020.00	660.00	630.00	630.00
Lettuce	542.51	629.00	531.00	459.00	402.00
Watermelons	180.00	275.00	270.00	120.00	96.00
Squash & Cucumbers	1333.33	1500.00	1100.00	1100.00	
Carrots & Cabbage	418.82	531.20	560.00	330.00	
Spinach (Greens)	400.14	544.00	512.00		
Tomatoes	1512.00	1408.00	1250.00	1012.00	836.00
Peas	1316.62	1700.00	1080.00	712.00	534.00
Cantaloupes	554.35	722.40	641.76	480.48	426.72
Honeydews	750.00	544.00	475.00	380.00	260.00
Honeyballs	569.24	789.60	672.00	453.60	426.72
Miscellaneous Melons	900.74	739.20	672.00	420.00	
Asparagus	4591.30	2427.59	2002.00	1344.00	1008.00
Grapes	1484.00	1400.00	1232.00	1126.40	924.00
Strawberries	3000.00	2908.00	2990.00	2393.60	
Grapefruit	640.50	1100.00	1100.00	823.34	323.40
Butterfat (per pound)	.47 $\frac{1}{2}$	.49 $\frac{1}{2}$	.37	.28	
Cattle (per head)	107.00	105.00	58.00	30.00	
Hogs (per head)		8.00	12.00	10.00	

IMPERIAL IRRIGATION DISTRICT  
SUMMATION OF CROP DATA  
FOR YEAR OF 1929

FOUNDATION OF  
 AGRICULTURAL ECONOMICS  
 LIBRARY

<u>FIELD CROPS</u>	<u>ACRES</u>	<u>GARDEN CROPS</u>	<u>ACRES</u>
Alfalfa	208,608	Lettuce (1928-29)	31,270
Alfalfa (planted after Oct. 1)	37,167	Lettuce (1929-30)	46,384
Barley (1928-29)	56,840	Cantaloupes (1928-29)	27,284
Barley (1929-30)	60,953	Cantaloupes (Fall 29)	1,830
Corn	29,251	Cantaloupes (1929-30)	35,659
Cotton	20,431	Honey Dews (1928-29)	3,338
Oats (1928-29)	1,731	Honey Dews (Fall 29)	361
Oats (1929-30)	2,209	Honey Dews (1929-30)	2,809
Wheat (1928-29)	10,317	Honey Balls (1928-29)	2,347
Wheat (1929-30)	10,942	Honey Balls (Fall 29)	535
Bermuda	19,255	Honey Balls (1929-30)	1,846
Cane	2,010	Tomatoes (1928-29)	1,702
Sudan	2,691	Tomatoes (1929-30)	1,202
Hemp	1,014	Peas (Spr. 29)	3,159
Miscellaneous	344	Peas (Fall 29)	10,274
<b>TOTAL</b>	<b>463,763</b>	Peas (Spr. 30)	3,426
		Carrots (1928-29)	1,485
<u>PERMANENT CROPS:</u>		Carrots (1929-30)	1,766
Asparagus	3,150	Watermelons (1928-29)	6,207
Apricots	69	Watermelons (1929-30)	7,087
Dates	209	Squash	555
Figs	63	Cabbage	516
Grapes, Malaga	1,629	Beans	413
Grapes, T. S.	1,667	Cucumbers	757
Grapes, Others	200	Onions	79
Grapefruit	9,622	Spinach	505
Olives	71	Sweet Potatoes	124
Oranges	236	Casabas	77
Pears	17	Peppers	133
Pomegranates	55	Chicory	138
Strawberries	153	Endive	105
Pecans	207	Broccoli	198
Tangerines	163	Jap Melons	20
Plums	24	Beets	166
Nursery Stock	41	Anise	316
Lemons	12	Greens	20
Shade Trees	78	Turnips	60
Avacados	10	Miscellaneous	215
Miscellaneous	36	<b>TOTAL</b>	<b>194,368</b>
<b>TOTAL</b>	<b>17,712</b>		

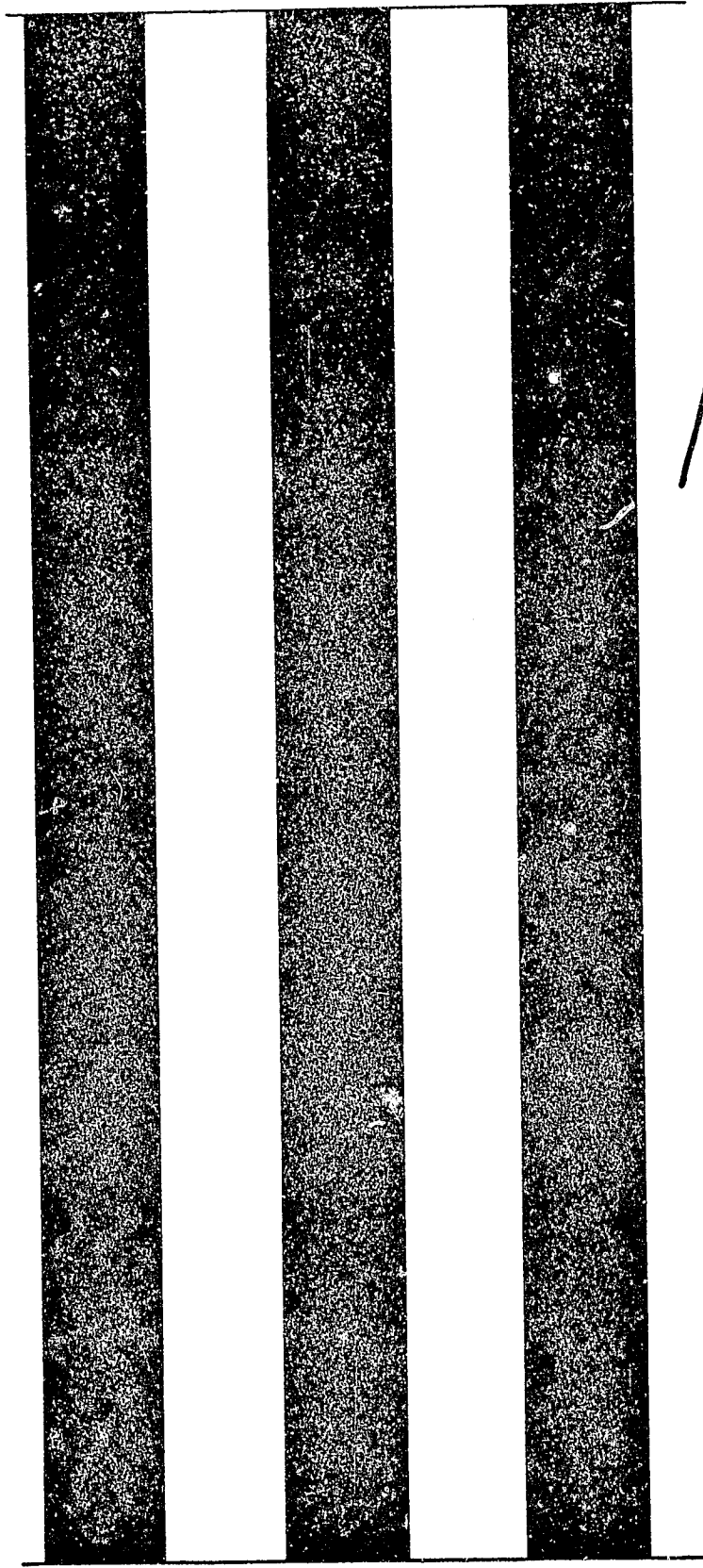
SUMMARY

FIELD CROPS	463,763
GARDEN CROPS	194,368
PERMANENT CROPS	17,712
GRAND TOTAL AREA IN CROPS	675,843
LESS AREA COUNTED TWICE	251,698
NET AREA CROPPED	424,145
IRRIGABLE AREA NOT IN CROP	90,855
NON-IRRIGABLE AREA	90,000
<b>TOTAL AREA OF DISTRICT</b>	<b>605,000</b>

Number of farms reported	4,623
Farmed by owners (36.4%)	1,686
Farmed by tenant (63.6%)	2,937
Average area of farms (Acres)	91.7

Imperial, California.  
 March 20th, 1930.

M. J. DOWD,  
 Chief Engineer and  
 General Superintendent.



1933

IMPERIAL COUNTY, CALIFORNIA

1933 Statistics

-- CROP AND LIVESTOCK VALUES--

Alfalfa hay	12,516 cars	\$ 1,749,111.00
Alfalfa Meal	152 "	83,600.00
Grain Hay	462 "	66,066.00
Barley	341 "	153,450.00
Wheat	429 "	302,445.00
Milo Maize	220 "	125,400.00
Flax	10 "	24,000.00
Cotton	18 "	55,350.00
Cotton By-products	5 "	4,500.00
Lettuce	10,800 "	7,668,000.00
Squash & Cucumbers	81 "	73,916.00
Tomatoes	516 "	448,300.00
Carrots	789 "	447,625.00
Peas	755 "	1,027,668.00
Asparagus	195 "	113,449.00
Cantaloupes	7693 "	6,061,314.00
Honeydews	1740 "	1,335,450.00
Honeyballs	2770 "	1,893,073.00
Miscellaneous Melons	1,287 "	914,156.00
Watermelons	3,013 "	686,964.00
Grapes	338 "	300,752.00
Grapefruit	706 "	639,141.00
Strawberries	25,000 trays	25,000.00
Dates	112,000 pounds	75,680.00
Pecans	6,150 pounds	4,580.00
Ice	7,424 cars	1,095,732.00
Wool	13 "	23,820.00
Fertilizer	969 "	87,210.00
Cattle	2,859 "	2,001,300.00
Mules	93 "	74,920.00
Horses	161 "	113,260.00
Sheep	606 "	387,588.00
Hogs	158 "	119,055.00
Dairy Cattle	1313 "	1,470,960.00
Butter	5,429,627 pounds	1,522,708.00
Dairy products	6,336,014 "	555,774.00
Packing House and Meat products	112 cars	408,527.00
Poultry	30,028 dozen	210,196.00
Turkeys	1,827 dozen	32,892.00
Bees	11,350 colonies	51,075.00
Honey	16 cars	35,550.00
	<hr/>	<hr/>
	58,560 carloads	\$32,468,557.00



-1933 STATISTICS CONTINUED-

County Values

School Values.....	\$	3,625,095
Desert Land Value.....		8,715,200
Dairy Products.....		2,078,482
Irrigation District System....		25,270,720
Bank Capitalization.....	152,840,900	
Bank Deposits.....		9,035,350
Bank Clearings.....		52,165,834
Postal receipts.....		144,780
Real Estate and Improvements..		93,139,552
Mineral resources.....		876,950
Crop and Livestock Values.....		32,468,557

- - - -

Imperial County Production (carloads)	58,560
Number property Owners	10,912
Farms operated by Tenants	2,557
Farms operated by owners	1,682
Irrigable acreage	515,000
Average Mean Temperature	71.2
Average relative Humidity	31.9
Total rainfall (inches)	<sup>13</sup> 2.38
First killing frost 1932-33 season	<del>12-26-32</del>
Last Killing Frost " " "	<del>12-18-33</del> 2-16-33

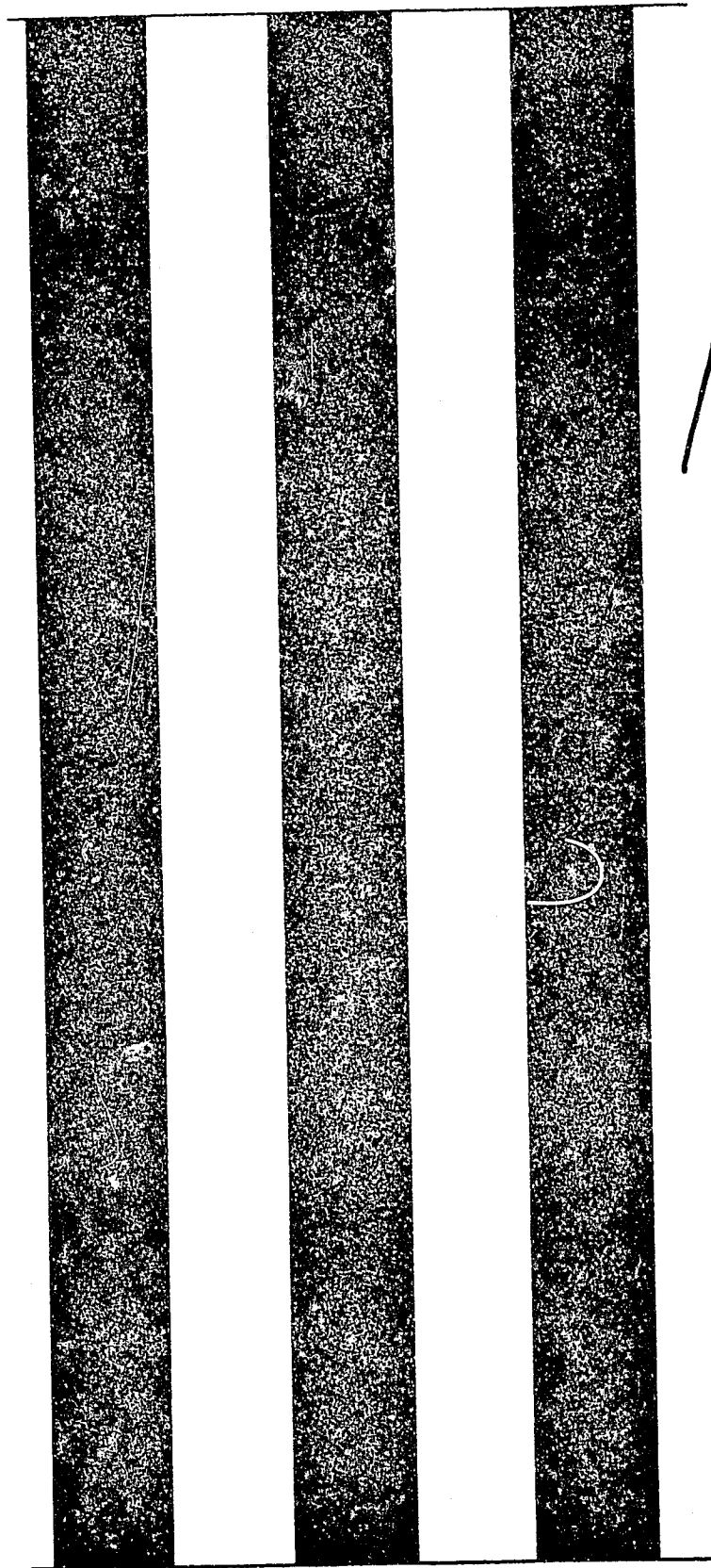
ITEMS OF INTEREST

253 miles of paved highway	
1,763 miles County roads within irrigated district	
2,500 miles Irrigation and drain canals	
104 fruit packing and loading sheds	
9 ice manufacturing plants	
35,721 acres cantaloupes, honeydews and honeyballs	
7,325 acres watermelons	
30,147 " lettuce	
21,274 " mixed vegetables	
217,898 " alfalfa	
13,932 " peas	
3,075 " carrots	

ANNUAL PAYROLLS

Lettuce industry	\$	1,296,000.00
Melon Industry		1,579,980.00
Mixed vegetable Industry		296,750.00
Alfalfa Industry		499,524.00

These statistics were compiled by the Imperial County Board of Trade, under the supervision of the Board of Supervisors. Anyone wishing further information concerning Imperial Valley farm lands affected by Hoover Dam and the All-American Canal projects may write "Imperial County Board of Trade, El Centro, California, c/o Court House."



1935

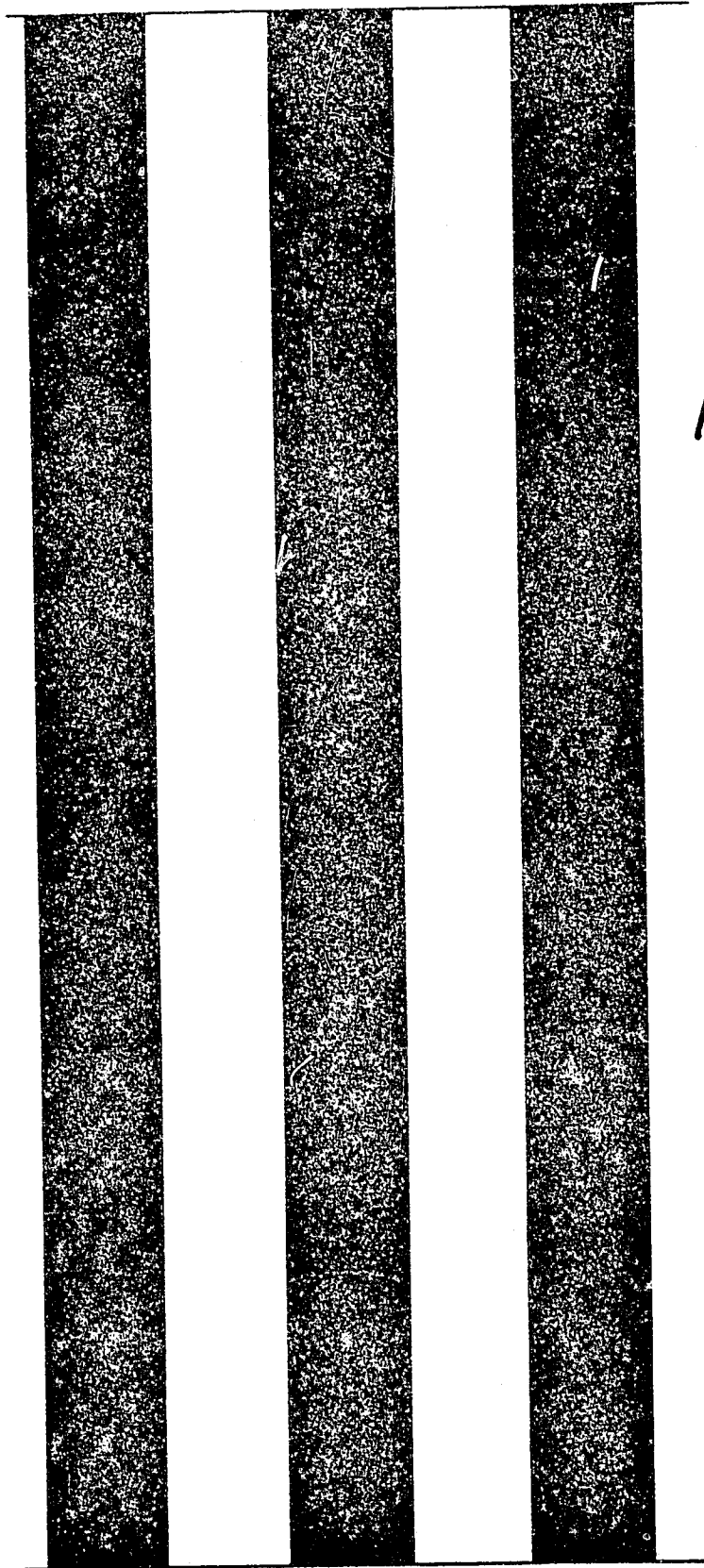
IMPERIAL COUNTY, CALIFORNIA

1935 Statistics

AGRICULTURE AND LIVESTOCK

CROP AND LIVESTOCK VALUES:

Alfalfa Hay	11,340	cars	1,379,605
Grain Hay	399	"	165,236
Alfalfa Mean	323	"	177,650
Barley	857	"	402,780
Wheat	634	"	494,320
Milo Maize	529	"	317,400
Flax	288	"	535,680
Manure	1,865	"	167,850
Mixed Vegetables	313	"	25,241
Asparagus	125	"	207,394
Cantaloupes	6,055	"	4,484,333
Watermelons	2,878	"	949,740
Honey Dews	2,654	"	1,611,908
Honey Balls	1,391	"	913,191
Mixed Melons	824	"	483,688
Lettuce	6,356	"	4,493,692
Carrots	1,578	"	1,115,646
Peas	793	"	1,320,820
Grapes	134	"	201,675
Tomatoes	1,024	"	823,296
Straw	205	"	20,503
Cattle	78,643	Head	3,145,720
Sheep	153,364	"	613,456
Horses	3,438	"	137,520
Mules	1,933	"	96,650
Hogs	11,704	"	128,744
Oranges	26	Cars -	27,690
Grapefruit	1,028	"	863,520
Tangerines	41	"	13,958
Dairy Cattle	28,391	Head	1,415,550
Dates	115,000	lbs.	13,800
Strawberries	30,000	trays	30,000
Packing House & Meat Prod.	7,093,478	lbs.	760,005
Honey	600,000	"	28,500
Foultry (chickens)	13,710	doz.	75,405
Turkeys (estimated)	14,755	head	37,831
Bees (estimated)	15,000	colonies	75,000
Squash & Cucumbers	120	cars	12,300
Dairy Products	5,260,092	lbs.	355,468
Butter	2,800,565	lbs.	937,992



1937

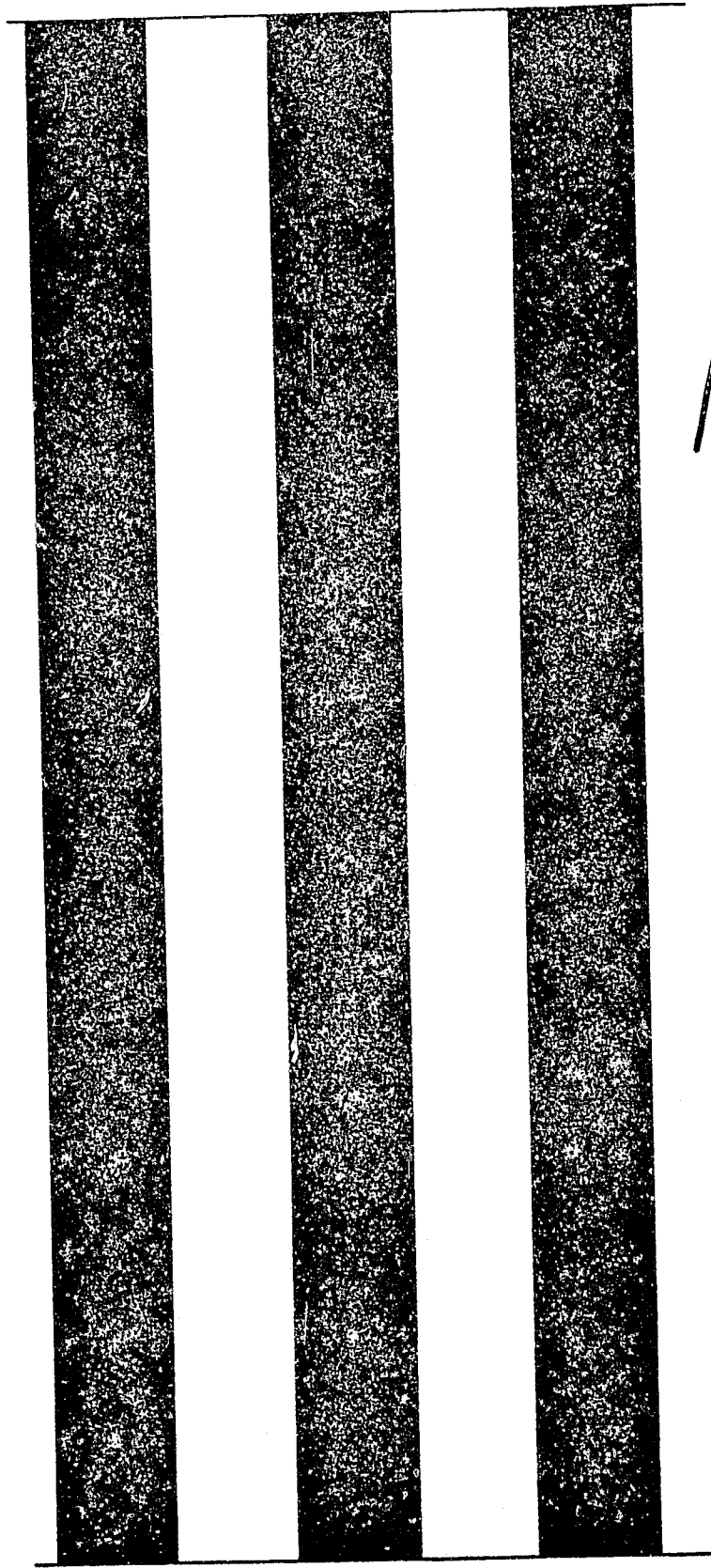
IMPERIAL COUNTY, CALIFORNIA

1937 Statistics

CROP AND LIVESTOCK VALUES:

Alfalfa	16,902 cars	\$ 3,735,342
Alfalfa Meal	414 "	227,700
Grain Hay	1,942 "	351,444
Straw	240 "	18,720
Barley	565 "	498,500
Wheat	645 "	638,550
Milo	500 "	405,000
Flax	319 "	686,169
Fertilizer	1,515 "	136,350
Cantaloupes	9,686 "	7,380,732
Honeydews	3,350 "	1,882,700
Honeyballs	1,217 "	839,730
Watermelons	4,508 "	1,234,208
Mixed Melons	1,140 "	726,180
Lettuce	10,070 "	10,805,110
Carrots	2,318 "	1,476,298
Peas	751 "	1,138,716
Cabbage	362 "	83,260
Asparagus	191 "	337,682
Tomatoes	426 "	369,768
Squash & Cucumbers	204 "	88,128
Mixed Vegetables	414 "	213,210
Tangerines	37 "	45,510
Grapefruit	1,052 "	533,364
Oranges	132 "	93,456
Grapes	197 "	238,567
Dairy Cattle	23,800 head	1,607,000
Cattle	3,310 cars	2,780,400
Hogs	128 "	211,200
Sheep	1,082 "	649,200
Poultry	7,720 dozen	46,320
Turkeys	16,842 head	33,684
Horses	2,450 "	122,500
Mules	1,323 "	79,380
Dairy Products	4,877,456 pounds	723,978
Butter & Butterfat	2,467,932 "	1,099,879
Packing House And Meat Products	728,250 "	<u>801,675</u>
Total		\$42,329,660

These statistics were compiled by the Imperial County Board of Trade under the supervision of the Board of Supervisors. Anyone wishing further information may write Imperial County Board of Trade, Court House, El Centro.



1938

IMPERIAL COUNTY, CALIFORNIA

1938 Statistics

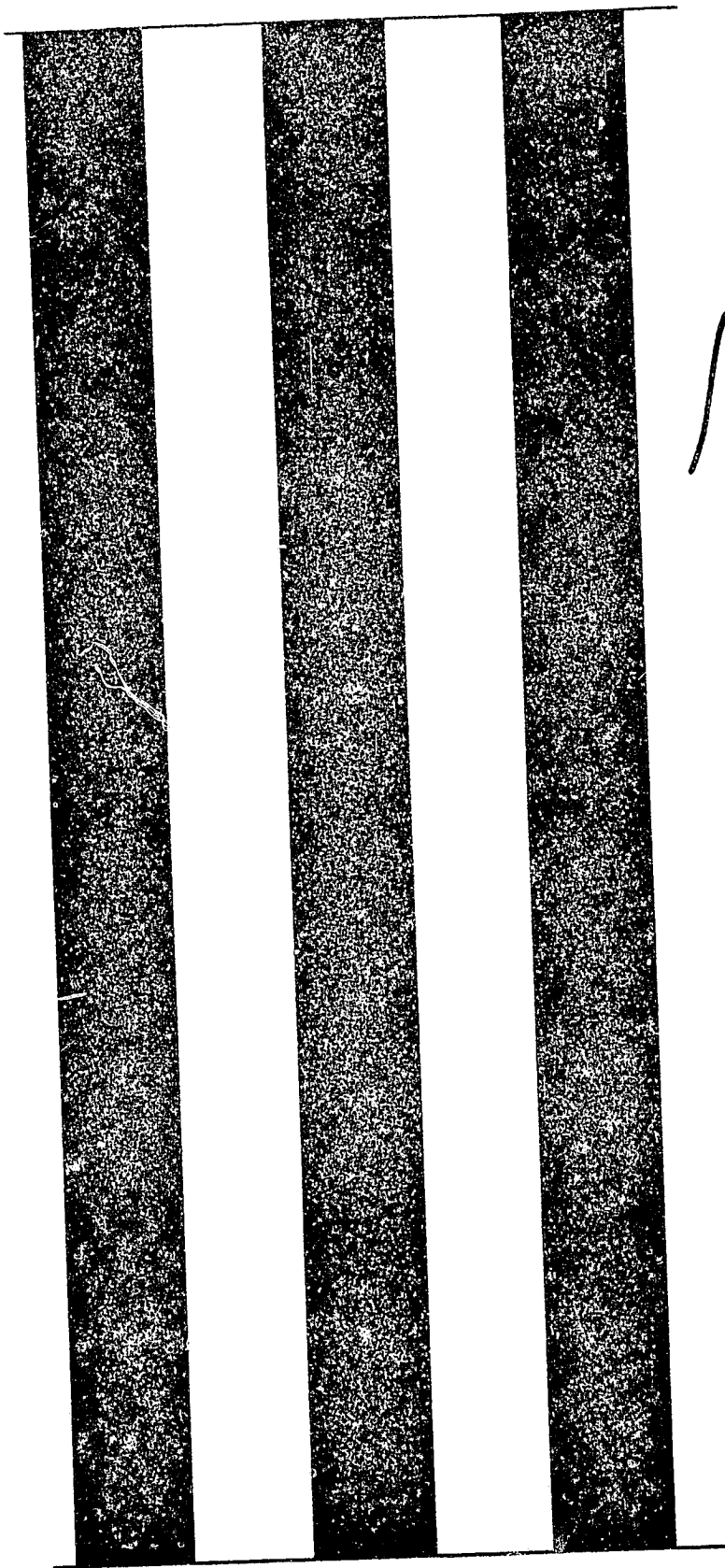
CROP AND LIVESTOCK VALUES:

Alfalfa	18,260 cars	\$ 2,611,180
Alfalfa Meal	470 "	235,000
Grain Hay	2,449 "	318,370
Straw	760 "	69,979
Barley	490 "	294,000
Wheat	371 "	278,250
Milo Maize	642 "	375,570
Flax	195 "	377,520
Fertilizer	1,451 "	130,590
Cantaloupes	8,028 "	5,434,956
Honey Dews	2,031 "	1,141,422
Honey Balls	669 "	461,610
Watermelons	2,692 "	613,776
Mix Melons	756 "	538,272
Tomatoes	1,261 "	928,096
Squash & Cucumbers	211 "	91,152
Mix Vegetables	271 "	115,175
Oranges	40 "	13,840
Grapefruit	1,145 "	413,345
Tangerines	55 "	50,710
Grapes	124 "	144,708
Lettuce	7,900 "	5,219,800
Carrots	4,030 "	2,627,560
Cabbage	742 "	261,184
Peas	660 "	1,048,740
Asparagus	107 "	181,687
Dairy Cattle	20,057 head	1,203,420
Cattle	3,585 cars	3,011,400
Hogs	247 "	444,600
Sheep	1,206 "	723,600
Poultry	9,699 dozen	58,104
Horses	2,378 head	118,900
Turkeys	17,802 "	24,756
Mules	1,090 "	65,400
Packing house and Meat		
Products	5,425,028 pounds	764,347
Bees	10,000 colonies	50,000
Honey	38 cars	66,500
Sugar Beets	638 "	177,045
Dates	200,000 pounds	10,000
Dairy Products	4,731,133 "	702,259
Butter & Butterfat	2,393,895 "	1,066,883

Total

\$32,463,796

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1939



IMPERIAL COUNTY, CALIFORNIA

1939 Statistics

CROP AND LIVESTOCK VALUES:

Alfalfa	18,409 cars	\$ 2,632,487
Alfalfa Meal	341 "	255,750
Grain Hay	1,240 "	161,200
Straw	725 "	84,825
Barley	371 "	217,035
Wheat	432 "	544,320
Milo	725 "	587,250
Flax	761 "	1,404,100
Fertilizer	888 "	79,520
Cantaloupes	7,083 "	4,589,784
Honeydews	1,663 "	1,019,419
Honeyballs	643 "	407,019
Mix Melons	571 "	392,848
Watermelons	2,309 "	480,272
Tomatoes	1,134 "	834,624
Squash and cucumbers	270 "	116,640
Lettuce	10,786 "	7,312,908
Carrots	4,340 "	2,912,140
Peas	1,070 "	1,576,180
Cabbage	608 "	194,560
Asparagus	99 "	160,875
Sugar Beets	2,119 "	784,030
Mixed vegetables	543 "	238,920
Grapefruit	1,041 "	350,817
Oranges	74 "	33,500
Tangerines	42 "	31,332
Grapes	76 "	98,800
Dates	175,000 lbs.	8,750
Dairy cattle	18,460 head	1,292,200
Cattle	2,991 cars	2,847,432
Hogs	15,263 head	183,156
Sheep	993 cars	595,800
Horses	2,260 head	135,600
Mules	1,050 head	63,000
Chickens	8,250 doz.	41,250
Turkeys	7,032 head	14,064
Packing house and meat products	5,310,925 lbs.	648,216
Dairy products	4,967,699 lbs.	737,371
Butter and butterfat	2,441,772 lbs.	1,088,220
Bees	11,780 hives	53,010
Honey	40 cars	70,000
Total		\$ 35,279,624

These statistics were compiled by the Imperial County Board of Trade under the supervision of the Board of Supervisors. Anyone wishing further information may write Imperial County Board of Trade, Courthouse, El Centro.

Value of Farm Products Sold, Traded or Used by Farm Households  
Imperial County Compared with California State Totals, 1939

Product	Imperial		California Dollars
	Percent of California	Dollars	
<u>Sold, Traded, Used by Farm, total</u>	<u>1/3.0</u>	13,884,813	465,429,424
Livestock and products	2.0	3,348,462	170,269,347
Crops	3.7	10,372,706	281,038,062
Forest products	0.1	405	529,049
Used by farm households	1.2	163,240	13,592,966
<u>Sold or Traded</u>			
Livestock and products, total	2.0	3,348,462	170,269,347
Livestock <sup>2/</sup>	4.0	2,297,376	58,014,691
Livestock products	0.9	1,051,086	112,254,656
Dairy products	1.2	835,512	67,127,700
Poultry products	0.4	167,454	40,560,173
Other products	1.1	48,120	4,566,783
Crops, total	3.7	10,372,706	281,038,062
Vegetables and melons <sup>1/</sup>	11.9	4,638,401	38,914,328
Melons <sup>3/</sup>	52.8		
Lettuce <sup>3/</sup>	20.7		
Fruits and nuts	0.4	434,540	123,752,327
Grapefruit <sup>3/</sup>	22.3		
Horticultural specialties	---	<sup>4/</sup> ---	11,256,801
Field crops	4.9	5,298,247	107,114,606
<u>Harvested</u>			
All other crops harvested	2.9	408,234	13,878,454
Field crops harvested	5.9	5,363,870	91,300,192
All cereals	2.5	791,947	31,212,341
Other grains and seeds	7.4	1,319,609	17,909,900
Flaxseed <sup>3/</sup>	43.3		
Hay and forage	7.7	3,252,314	42,177,951
Alfalfa hay <sup>3/</sup>	15.6		
Sugar beets <sup>3/</sup>	4.8		

<sup>1/</sup> Imperial County cash farm income 1940-1943 averaged \$33,034,000 or 3.1 per cent of the state average of \$1,057,125,000. The percentages for individual years are 1940--3.1; 1941--2.8; 1942--3.0; and 1943--3.4. Calculations based on mimeographed release of Nov. 15, 1944, of the California Crop and Livestock Reporting Service, Estimated Cash Farm Income by Counties in California, 1940-1943. Irish and sweet potatoes are included in grand total although not shown separately in this table. Vegetable values given here exclude potatoes which are insignificant in Imperial County.

<sup>2/</sup> Livestock values exclude poultry, bees, and fur-bearing animals.

3/ Percentages included for the relatively most important crops grown in Imperial County.

Percentages are based on following acreage data of the California Crop Reporting Service; averages for the years 1939-1943 except grapefruit are for 1943 and alfalfa hay from 1939 Census of Agriculture.

	Imperial County California			Imperial County California	
Melons	26,882	50,924	Alfalfa hay	114,164	732,321
Lettuce	19,380	93,788	Flaxseed	85,200	196,800
Grapefruit	3,400	15,224	Sugarbeets	6,686	140,740

4/ Where there are less than 3 farms reporting, data are included only in the State totals.

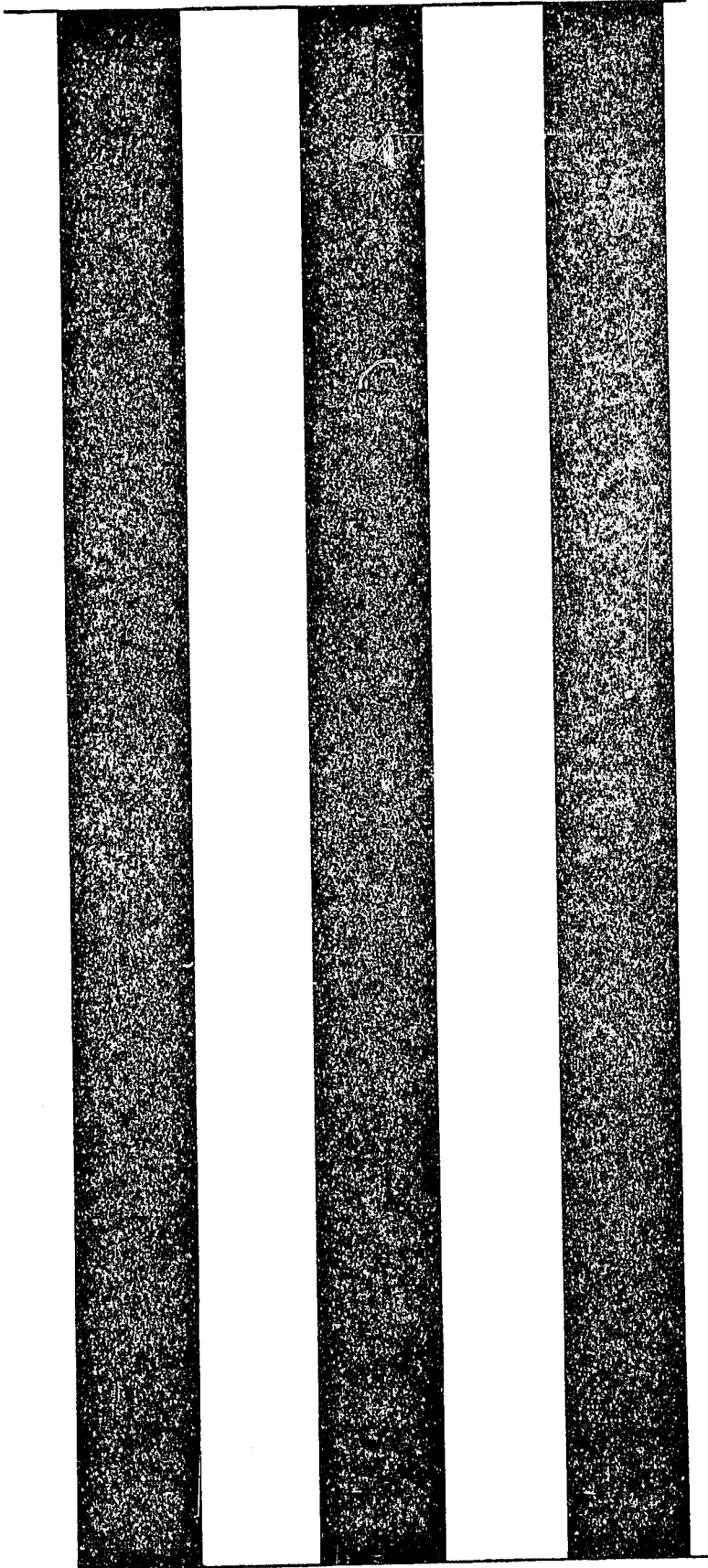
Source: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, February 23, 1945, from U. S. Census, 1940, Agriculture, Vol. II, Part 3, pp. 280 and 286.

Farms, Farm Acreage, and Value - Imperial County Compared  
with California State Totals, 1939 or 1940

Farm acreage and land area	Date	Unit	Imperial		California
			Percent of California	Quantity	Quantity
Farms, number	Apr. 1, 1940		2.0	2,696	132,658
Land area	1940	acres	2.7	2,741,760	100,353,920
Proportion in farms	1940	percent	50.0	15.2	30.4
Land in farms	1940	acres	1.4	418,029	30,524,324
Size of farm, average	1940	acres	67.4	155.1	230.1
<u>Cropland harvested</u>					
Farms reporting	1939	number	1.9	2,116	110,754
Area	1939	acres	4.2	274,808	6,534,562
Irrigated	1939	acres	7.3	272,960	3,732,215
Irrigated pasture	1939	acres	9.9	53,368	544,339
<u>Values</u>					
<u>Farm value</u>					
Land and buildings	1940	dollars	1.5	32,566,637	2,166,452,648
Buildings	1940	dollars	0.8	3,083,296	379,708,056
<u>Average values</u>					
Land and buildings					
Per farm	1940	dollars	74.0	12,080	16,351
Per acre	1940	dollars	109.8	77.91	70.97
Implements and machinery	1940	dollars	2.4	3,210,944	132,337,109

Source of data:

Compiled by S. W. Shear, Giannin Foundation of Agricultural Economics, February 23, 1945, from U. S. Census 1940, Agriculture, California, First Series, Uses of Land, Principal Crops, and Classes of Livestock, p. 10.



1940

IMPERIAL COUNTY, CALIFORNIA

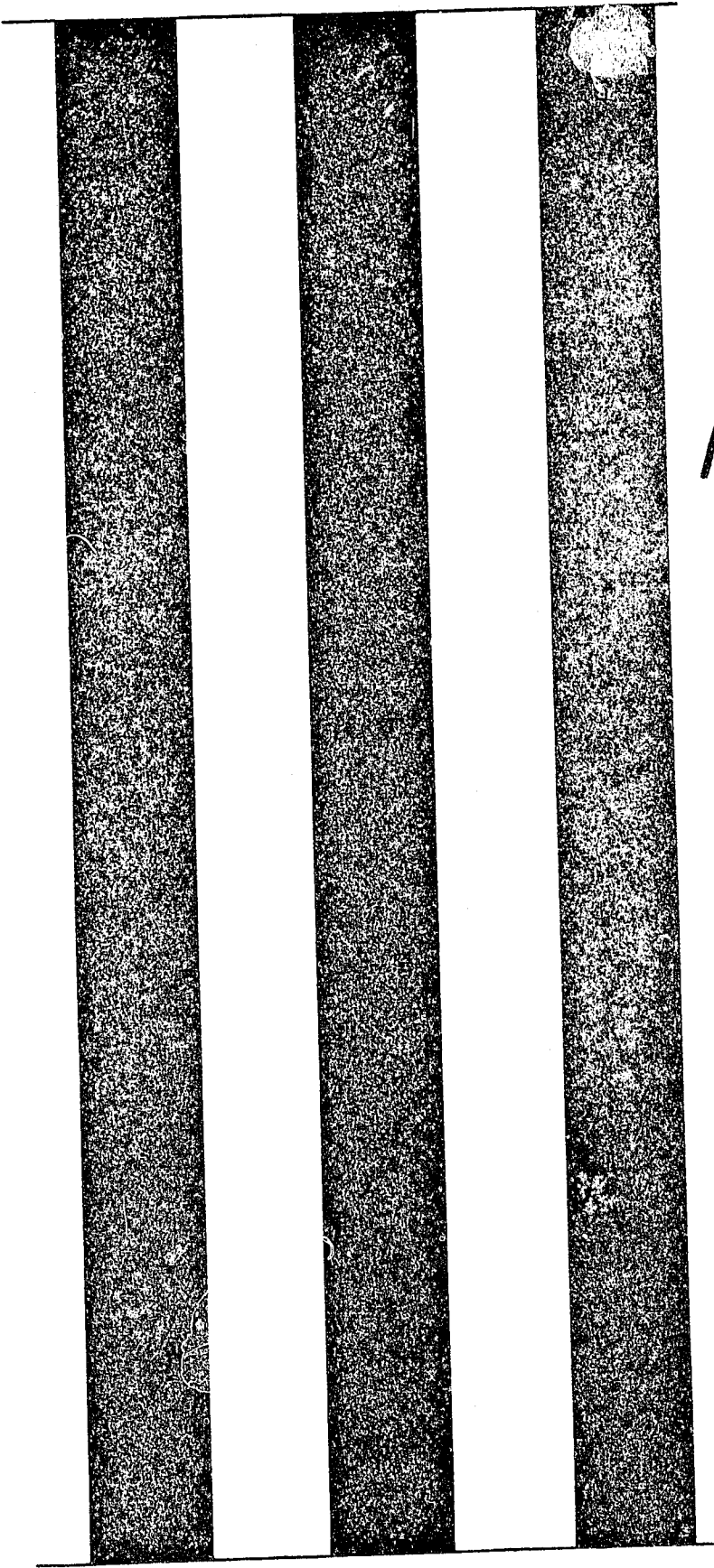
1940 Statistics

JUL 31

CROP AND LIVESTOCK VALUES:

Alfalfa	14,605 cars	\$ 1,898,850
Alfalfa meal	380 "	266,000
Grain hay	1,055 "	116,050
Straw	122 "	11,102
Flax straw	1,845 "	172,692
Barley	176 "	95,040
Wheat	287 "	172,200
Milo	329 "	227,010
Flax	973 "	1,786,428
Fertilizer	1,470 "	73,500
Cartaloupes	3,654 "	2,484,720
Honeydews	1,266 "	601,350
Honeyballs	553 "	329,035
Mix melons	471 "	240,210
Watermelons	1,474 "	265,320
Tomatoes	1,348 "	1,516,500
Squash and Cucumbers	221 "	119,340
Lettuce	8,345 "	3,872,080
Carrots	4,799 "	1,931,597
Cabbage	666 "	145,454
Peas	948 "	906,192
Asparagus	71 "	90,880
Sugar beets	1,858 "	575,980
Mix vegetables	731 "	292,400
Grapefruit	1,192 "	335,190
Oranges	135 "	85,262
Tangerines	48 "	36,000
Grapes	120 "	144,000
Dates	150,000 lbs.	7,500
Honey	591 tons	41,370
Packing house and meat products	5,729,443 lbs.	498,523
Dairy products	2,244,953 lbs.	186,728
Market milk	700,000 gal.	140,000
Butter and butterfat	1,783,442 lbs.	535,745
Cheese (hard)	1,123,862 lbs.	170,994
Dairy cattle	15,704 head	977,850
Cattle	3,345 cars	4,214,700
Hogs	164 "	319,800
Sheep	845 "	633,750
Horses	2,158 head	129,480
Mules	668 "	33,400
Turkeys	5,753 "	11,506
Chickens	7,464 doz.	37,320
Bees	17,000 colonies	76,000
Total		\$ 26,805,353

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1941

IMPERIAL COUNTY, CALIFORNIA

MAY 1 1941

1941 Statistics

Alfalfa	14,158 cars	\$ 2,668,783
Alfalfa Meal	324 "	226,800
Grain Hay	1,699 "	242,957
Flax Straw	3,201 "	646,685
Barley	167 "	145,290
Wheat	24 "	38,880
Milo	548 "	509,640
Flax	1,923 "	3,230,640
Fertilizer	1,727 "	86,350
Cantaloupes	4,508 "	3,065,440
Honey Dews	1,302 "	781,200
Honey Balls	767 "	457,365
Mixed Melons	655 "	311,780
Watermelons	1,854 "	500,580
Tomatoes	1,614 "	2,687,310
Squash and Cucumbers	364 "	212,940
Lettuce	8,225 "	3,948,000
Carrots	4,707 "	2,141,685
Cabbage	771 "	276,634
Asparagus	72 "	111,142
Peas	1,239 "	1,166,581
Sugar Beets	4,297 "	1,332,070
Mixed Vegetables	420 "	168,000
Grapefruit	1,090 "	407,899
Oranges	135 "	43,659
Tangerines	69 "	69,000
Grapes	119 "	148,750
Dates	100,000 lbs.	9,000
Honey	1,125 tons	78,780
Packing House and Meat Products	4,602,279 lbs.	494,490
Dairy Products	1,930,660 lbs.	179,673
Market Milk	700,000 gal.	140,000
Butter and Butterfat	1,533,761 lbs.	670,497
Cheese	1,067,129 lbs.	181,411
Dairy Cattle	12,749 head	980,810
Cattle	3,086 cars	4,320,400
Hogs	273 cars	737,100
Sheep	749 cars	561,750
Horses	2,458 head	147,480
Mules	676 head	33,800
Turkeys	2,773 head	6,932
Chickens	6,884 doz.	34,420
Bees	16,000 colonies	72,000
Total		\$ 34,274,603

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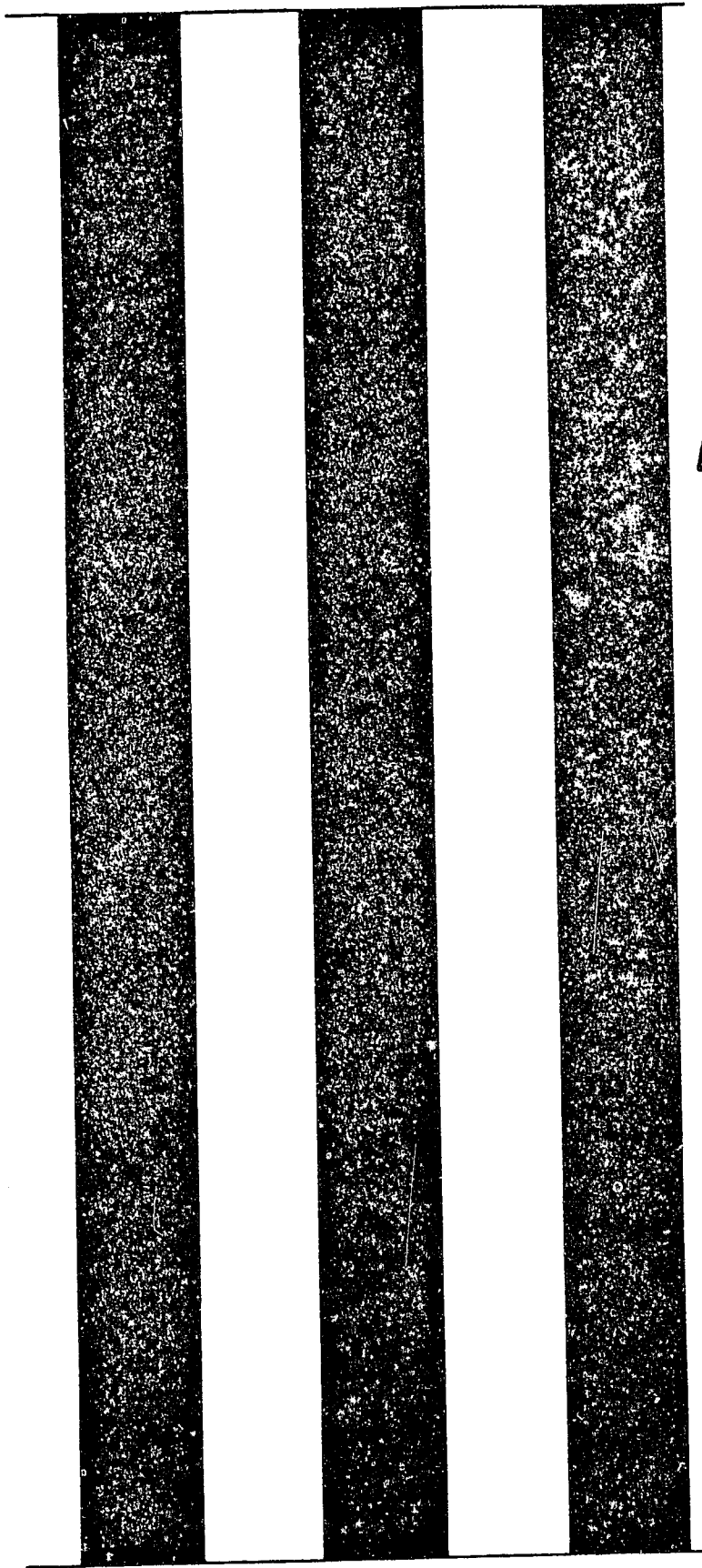
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IMPERIAL VALLEY LETTUCE, PEA, CARROT AND CABBAGE ACREAGE

1940-41 Season

SHIPPER	LOCATION	LETTUCE	CARROTS	SPRING & FALL PEAS	CABBAGE
American Fruit Growers.....	Brawley	905	---	---	---
Arena, A & Co.....	Brawley	800	343	360	---
Averill, Geo., Co.....	Holtville	400	210	---	---
Best, Co., M. O.....	El Centro	538	---	---	---
Bright, Fred R. Co.....	El Centro	1000	400	---	---
Carter, J. P.....	Calixico	340	---	---	---
Church, Bruce.....	El Centro	463	---	---	---
Deart Edge Farms.....	Calipatria	---	---	600	---
Dorman Farms.....	Holtville	590	700	40	30
Engelman, Alex Co.....	El Centro	360	200	550	70
Farley Fruit Co.....	Calixico	580	---	---	---
Farmers Produce Ltd.....	Brawley	420	---	---	---
Fitzgerald and Litrov.....	El Centro	425	60	---	50
Freedman, Chas.....	El Centro	600	250	---	---
Garguillo, A. S.....	Brawley	240	---	---	---
Garin, E. P. Co.....	El Centro	560	80	60	---
Gerrard, S. A. Co.....	Brawley	400	---	400	---
Golden Valley Produce Co.....	El Centro	450	115	---	55
Hilvert, Fred G. Co.....	Brawley	600	140	---	---
Holtville Packing Co.....	Holtville	160	---	---	---
Hauser and Sons.....	Calipatria	---	---	450	---
Imperial Garden Growers.....	Heber	250	---	---	25
Jack Brothers & McBurney.....	Brawley	230	95	---	---
Jones and Kavanagh.....	El Centro	410	---	---	10
Levy A. & Lentner J.....	El Centro	180	---	---	---
Lyerly, L. L.....	Calipatria	---	---	900	---
Meyers, R. E. Inc.....	El Centro	800	---	---	---
Mt. Signal Produce Co.....	Calixico	370	---	---	60
Maggio, Joe.....	El Centro	---	200	---	---
Nakanota Brothers.....	El Centro	180	30	---	20
Palmisano, Joe Co.....	El Centro	550	40	---	---
Richman Samuels Inc.....	Brawley	680	448	---	---
Sanguinetti Fruit Co.....	El Centro	540	80	---	---
Salinas Valley Veg. Exchange.....	El Centro	1060	---	---	---
Sawley Co., C. I.....	El Centro	200	100	---	80
Sharp, K. K.....	Holtville	650	1000	---	40
Smith Thornburg Inc.....	Holtville	320	---	---	---
San Diego Fruit and Produce.....	Calipatria	---	---	950	---
So. Imp. Valley Gr. Coop. Assn.....	El Centro	608	---	---	---
Thor Packing Co.....	Holtville	740	240	---	---
Tahl, J. C. Co., Inc.....	El Centro	500	147	---	36
Western Fruit Growers Inc.....	Brawley	500	---	---	---
Western Veg. Dist. Inc.....	El Centro	560	---	---	---
Wilkenson Bros.....	Calipatria	---	---	5550	---
Independent.....		5000	1500	2800	150
TOTAL '40-'41		21,732	6,478	12,660	596
TOTAL '39-'40		22,385	6,707	8,270	758



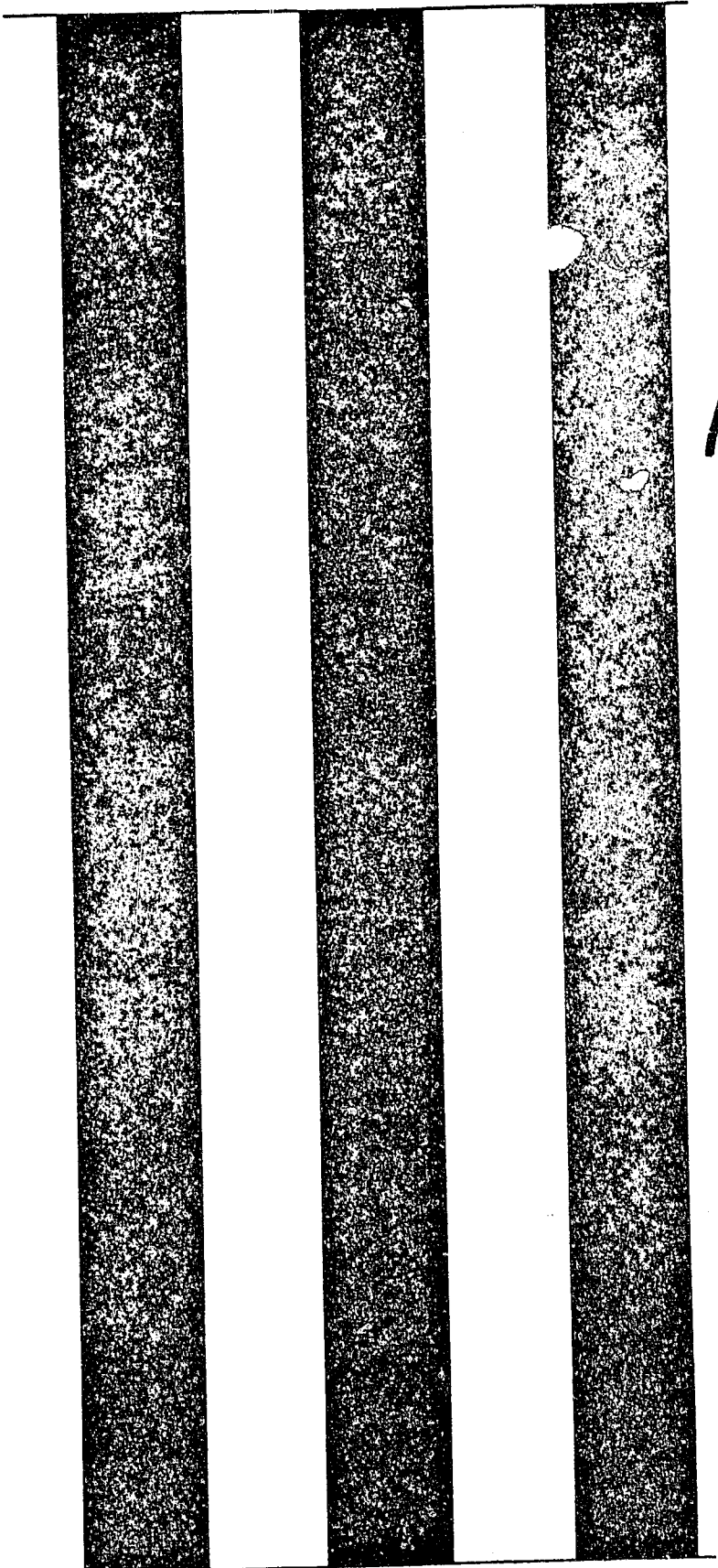
1942

1. IMPERIAL COUNTY, CALIFORNIA

1942 Statistics

Alfalfa	16,548 cars	\$ 4,467,960
Alfalfa Meal	218 "	261,600
Grain Hay	1,503 "	273,546
Flax Fibre	345 "	828,000
Flax Straw	1,280 "	149,760
Barley	349 "	486,855
Wheat	58 "	104,400
Rice	23 "	82,800
Milo	191 "	334,250
Flax	1,296 "	6,111,936
Fertilizer	1,985 "	119,100
Cantaloupes	4,412 "	3,600,192
Honey Dews	933 "	606,450
Honey Balls	596 "	526,864
Mixed Melons	66 "	47,124
Watermelons	1,852 "	700,056
Asparagus	45 "	84,846
Peas	1,150 "	1,497,300
Tomatoes	1,274 "	1,089,270
Lettuce	9,843 "	5,669,568
Carrots	5,172 "	2,715,300
Cabbage	1,486 "	579,540
Sugar Beets	3,544 "	1,346,720
Squash and Cucumbers	297 "	200,475
Mixed Vegetables	389 "	186,720
Grapefruit	1,069 "	597,571
Oranges	135 "	112,185
Tangerines	43 "	53,750
Lemons	8 cars	4,100
Grapes	85 cars	114,750
Dates	140,000 pounds	15,400
Honey	724,000 pounds	72,400
Meat and Meat Products	2,453,732 pounds	535,584
Hides and Pelts	1,091,845 pounds	27,936
Butter Fat	626,940 pounds	376,164
Cheese	1,083,160 pounds	259,958
Market Milk	784,000 gallons	258,720
Dairy Products		819,342
Cattle	84,420 head	6,331,500
Sheep	83,340 head	500,040
Hogs	39,750 head	874,500
Dairy Cattle	14,404 head	936,260
Horses	1,663 head	133,040
Mules	595 head	44,625
Goats	1,878 head	11,268
Turkeys	2,802 head	8,406
Chickens	6,570 dozen	78,840
Bees	14,000 colonies	112,000
Total		\$ 44,348,971

These statistics were compiled by the Imperial County Board of Trade under the supervision of the Board of Supervisors. Anyone wishing further information may write Imperial County Board of Trade, Court House, El Centro.



1943

SERRA COUNTY, CALIFORNIA  
1943 Statistics

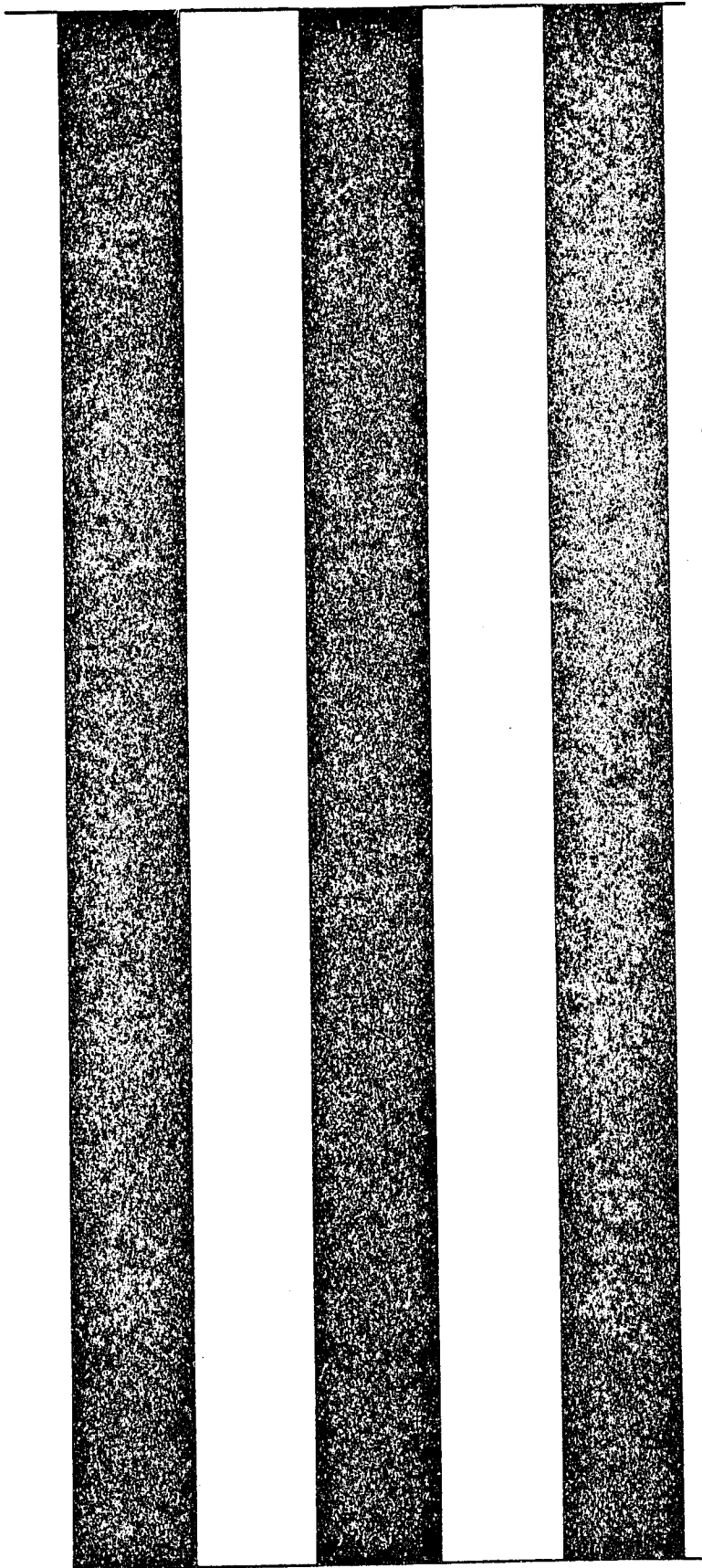
Alfalfa	360 16,585 cars	\$ 5,970,600
Alfalfa Meal	140 "	208,000
Flax	1,419 "	8,088,300
Flax Fibre	80 "	250,000
Flax Straw	335 "	57,620
Grain Hay	960 "	249,600
Barley	164 "	236,160
Wheat	4 "	7,560
Milo Maize	109 "	283,400
Rice	66 "	353,100
Rice By-products	80 "	13,357
Cantaloupes	4,109 "	6,985,300
Honey Dews	781 "	1,073,875
Honey Balls	228 "	445,740
Watermelons	1,657 "	994,200
Mixed Melons	293 "	533,005
Asparagus	39 "	86,548
Peas	130 "	296,140
Onions	166 "	174,300
Squash and Cucumbers	342 "	384,750
Squash (Banana)	35 "	28,000
Carrots	6,210 "	3,707,028
Cabbage	1,253 "	1,053,411
Tomatoes	796 "	967,140
Lettuce	10,119 "	10,160,000
Mixed Vegetables	321 "	282,480
Sugar Beets	3,398 "	1,427,160
Grapefruit	1,028 "	669,228
Oranges	105 "	92,085
Tangerines	42 "	73,500
Lemons	5 "	11,550
Grapes	47 "	152,750
Salt	54 "	27,000
Wool	15 "	158,400
Fertilizer	1,143 "	57,150
Cattle	75,260 head	5,644,500
Hogs	39,005 "	858,100
Sheep	81,620 "	652,960
Goats	937 "	7,496
Horses	1,904 "	142,800
Mules	525 "	31,500
Dairy Cattle	13,050 "	1,109,250
Turkeys	2,381 "	9,524
Chickens	7,072 dozen	70,720
Bees	17,440 colonies	139,520
Ice	315,280 tons	1,576,400
Dry Ice	8,400 "	504,000
Dates	240,000 lbs	108,000
Honey	1,250,000 "	150,000
Meat and Meat Products	2,841,942 "	599,581
Butter-fat	438,984 "	316,769
Cheese	791,673 "	221,668
Dairy Products	208,177 "	31,017
Market Milk	1,140,550 gals	456,220
Alfalfa Seed	95,000 lbs	36,100
Carrot Seed	30,000 "	45,000
Lettuce Seed	60,000 "	90,000
Onion Seed	55,000 "	165,000
Garden Seed	20,000 "	20,000

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GIANNINI FOUNDATION OF  
AGRICULTURAL ECONOMICS  
LIBRARY

		AGRICULTURAL ECONOMICS LIBRARY	283,400
Milo Maize	109	"	283,400
Rice	66	"	353,100
Rice By-products	80	"	13,357
Cantaloupes	4,109	"	6,985,300
Honey Dews	781	"	1,073,875
Honey Balls	228	"	445,740
Watermelons	1,657	"	994,200
Mixed Melons	293	"	533,005
Asparagus	39	"	86,548
Peas	130	"	296,140
Onions	166	"	174,300
Squash and Cucumbers	342	"	384,750
Squash (Banana)	35	"	28,000
Carrots	6,210	"	3,707,028
Cabbage	1,253	"	1,053,411
Tomatoes	796	"	967,140
Lettuce	10,119	"	10,160,000
Mixed Vegetables	321	"	282,480
Sugar Beets	3,398	"	1,427,160
Grapefruit	1,028	"	669,228
Oranges	105	"	92,085
Tangerines	42	"	73,500
Lemons	5	"	11,550
Grapes	47	"	152,750
Salt	54	"	27,000
Wool	15	"	158,400
Fertilizer	1,143	"	57,150
Cattle	75,260	head	5,644,500
Hogs	39,005	"	858,100
Sheep	81,620	"	652,960
Goats	937	"	7,496
Horses	1,904	"	142,800
Mules	525	"	31,500
Dairy Cattle	13,050	"	1,109,250
Turkeys	2,381	"	9,524
Chickens	7,072	dozen	70,720
Bees	17,440	colonies	139,520
Ice	315,280	tons	1,576,400
Dry Ice	8,400	"	504,000
Dates	240,000	lbs	108,000
Honey	1,250,000	"	150,000
Meat and Meat Products	2,841,942	"	599,581
Butter-fat	438,984	"	316,769
Cheese	791,673	"	221,668
Dairy Products	208,177	"	31,017
Market Milk	1,140,550	gals	456,220
Alfalfa Seed	95,000	lbs	36,100
Carrot Seed	30,000	"	45,000
Lettuce Seed	60,000	"	90,000
Onion Seed	55,000	"	165,000
Garden Seed	20,000	"	20,000
Total			\$ 58,544,562

These statistics were compiled by the Imperial County Board of Trade under the supervision of the Board of Supervisors. Anyone wishing further information may write Imperial County Board of Trade, Court House, El Centro.



1944

IMPERIAL COUNTY, CALIFORNIA  
 1944 Statistics

JUN 2 1945

Alfalfa	18,307 cars	\$ 5,217,495 ✓
Alfalfa Meal	142 "	106,500 ✓
Flax	800 "	4,579,200 ✓
Flax Fibre	124 "	223,200 ✓
Flax Straw	535 "	92,020 ✓
Flax Shive	101 "	4,500 ✓
Grain Hay	1,797 "	420,498 ✓
Barley	927 "	1,668,600 ✓
Wheat	5 "	9,000 ✓
Milo Maize	222 "	440,000 ✓
Rice	60 "	360,000 ✓
Rice By-products	25 "	40,000 ✓
Cantaloupes	5,708 "	7,762,880
Honeydews	689 "	723,450
Honeyballs	84 "	117,096
Watermelons	2,467 "	1,036,140
Mixed Melons	302 "	308,040
Asparagus	19 "	57,760
Peas	643 "	1,464,754
Onions	113 "	135,600
Squash	216 "	243,000
Cucumbers	87 "	58,725
Squash (Banana)	44 "	39,600
Carrots (Fresh)	6,973 "	5,125,155
Carrots (Dehydration)	359 "	96,930
Carrots (Feed)	187 "	28,050
Cabbage	1,101 "	772,902
Cabbage (Dehydration)	628 "	226,080
Lettuce	13,433 "	12,895,680
Tomatoes	1,036 "	1,258,740
Mixed Vegetables	810 "	712,800
Sugar Beets	2,705 "	1,190,200 ✓
Grapefruit	772 "	517,240
Oranges	141 "	130,284
Tangerines	74 "	92,500
Lemons	12 "	31,044
Grapes	85 "	340,000
Fertilizer	1,450 "	87,000
Cattle	77,200 head	5,790,000
Hogs	19,819 "	436,018
Sheep	113,700 "	1,023,300
Goats	3,231 "	29,079
Horses	1,080 "	108,000
Dairy Cattle	12,776 "	1,149,840
Chickens	4,668 dozen	51,348
Turkeys	2,280 head	9,120
Bees	16,560 colonies	140,760
Ice	375,500 tons	314,250
Dry Ice	8,000 "	480,000
Dates	550,000 lbs	165,000
Honey	1,500,000 "	180,000
Meat and Meat Products	4,160,802 "	833,244
Cheese	1,117,378 "	246,442
Dairy Products	5,401,315 "	732,445
Market Milk	555,000 gals	915,750
Hides and Pelts	395,774 lbs	55,482
Alfalfa Seed	80,000 "	28,000
Carrot Seed	25,000 "	



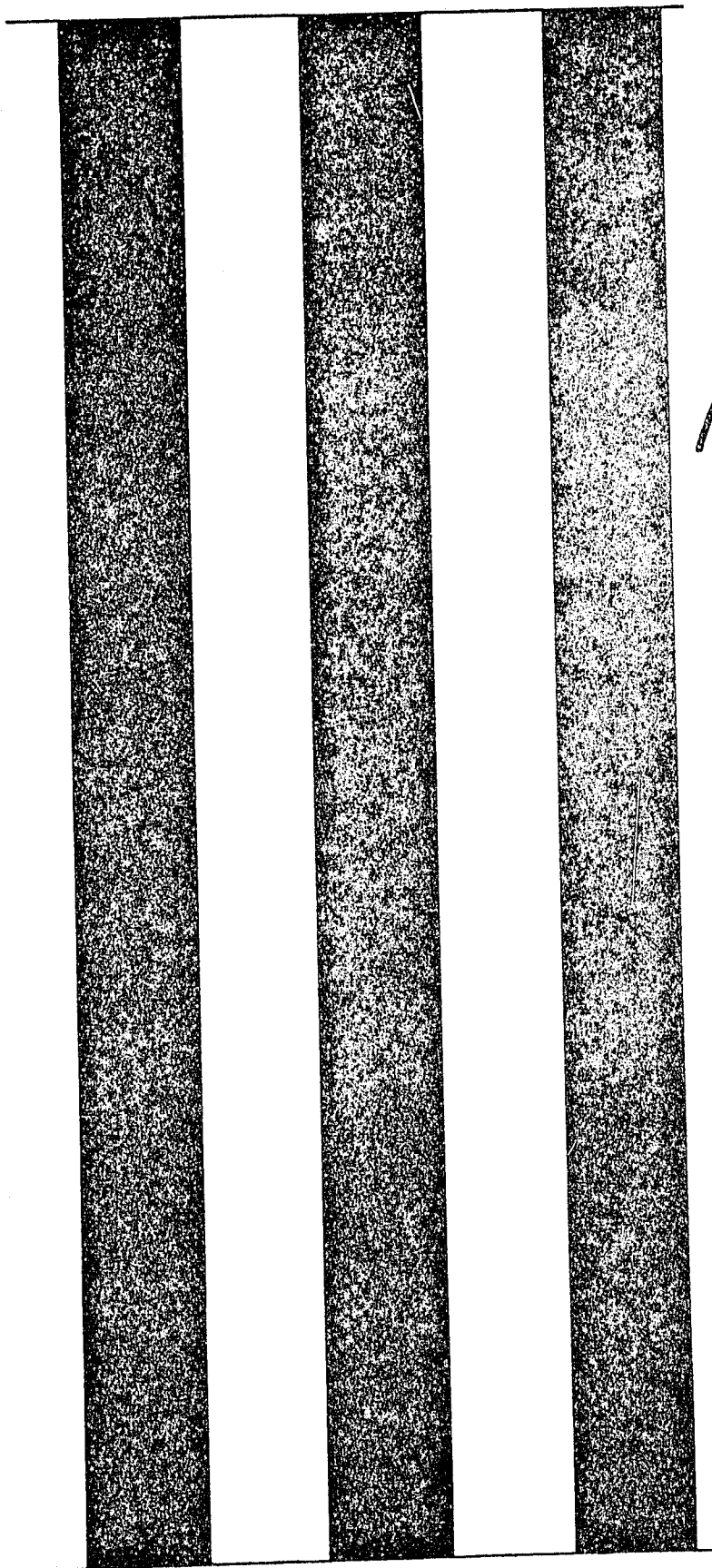
Peas	643	"	1,464,754
Onions	113	"	135,600
Squash	216	"	243,000
Cucumbers	87	"	58,725
Squash (Banana)	44	"	39,600
Carrots (Fresh)	6,973	"	5,125,155
Carrots (Dehydration)	359	"	96,930
Carrots (Feed)	187	"	28,050
Cabbage	1,101	"	772,902
Cabbage (Dehydration)	628	"	226,080
Lettuce	13,433	"	12,895,680
Tomatoes	1,036	"	1,258,740
Mixed Vegetables	810	"	712,800
Sugar Beets	2,705	"	1,190,200 ✓
Grapefruit	772	"	517,240
Oranges	141	"	130,284
Tangerines	74	"	92,500
Lemons	12	"	31,044
Grapes	85	"	340,000
Fertilizer	1,450	"	87,000
Cattle	77,200	head	5,790,000
Hogs	19,819	"	436,018
Sheep	113,700	"	1,023,300
Goats	3,231	"	29,079
Horses	1,080	"	108,000
Dairy Cattle	12,776	"	1,149,840
Chickens	4,668	dozen	51,348
Turkeys	2,280	head	9,120
Bees	16,560	colonies	140,760
Ice	375,500	tons	314,250
Dry Ice	8,000	"	480,000
Dates	550,000	lbs	165,000
Honey	1,500,000	"	180,000
Meat and Meat Products	4,160,802	"	833,244
Cheese	1,117,378	"	246,442
Dairy Products	5,401,315	"	732,445
Market Milk	555,000	gals	915,750
Hides and Pelts	395,774	lbs	55,482
Alfalfa Seed	80,000	"	28,000
Carrot Seed	25,000	"	12,500 ✓
Celery Seed	8,000	"	5,000 ✓
Lettuce Seed	40,000	"	40,000 ✓
Cauliflower Seed	4,000	"	13,500 ✓
Broccoli Seed	3,500	"	2,500 ✓
Cantaloupe Seed	2,000	"	2,000 ✓
Onion Seed	220,000	"	330,000 ✓

Total

\$ 61,706,241

These statistics were compiled by the Imperial County Board of Trade under the supervision of the Board of Supervisors. Anyone wishing further information may write Imperial County Board of Trade, Court House, El Centro.

1475,715 -



1945

## IMPERIAL COUNTY, CALIFORNIA

## 1945 Statistics

Alfalfa	54,343	Cars	\$ 11,843,335
Alfalfa Meal	159	"	183,025
Grain Hay	240	"	56,100
Flax	904	"	4,230,720
Flax Fiber	196	"	202,000
Flax Straw	1,003	"	150,500
Flax Shive	5	"	500
Barley	555	"	1,070,055
Wheat	11	"	27,720
Milo Maize	61	"	170,200
Rice	33	"	134,170
Rice By Products	8	"	5,212
Cantaloupes	5,736	"	5,072,120
Honey Dews	1,060	"	1,402,425
Honey Beils	445	"	507,375
Watermelons	1,670	"	703,320
Asparagus	15	"	41,240
Peas	761	"	733,238
Onions	87	"	27,120
Squash	474	"	460,220
Cucumbers	73	"	52,560
Canners	6,997	"	5,501,170
Cabbage	830	"	594,700
Lettuce	12,727	"	9,163,440
Tomatoes	1,313	"	1,418,040
Mixed Vegetables	438	"	465,630
Sugar Beets	3,483	"	2,105,200
Grapefruit	833	"	697,735
Oranges	150	"	155,925
Tangerines	58	"	51,520
Lemons	9	"	20,720
Grapes	46	"	144,000
Fertilizer	1,586	"	95,160
Poultry	3,172	Dozen	38,264
Turkeys	2,450	Head	12,250
Bees	18,130	Colonies	181,130
Honey	1,500,000	Pounds	180,000
Cattle	116,720	Head	7,666,726
Cattle (Dairy)	11,285	"	1,135,500
sheep	140,893	"	1,285,626
Hogs	18,679	"	448,296
Goats	1,615	"	16,160
Ice	400,000	Tons	1,252,500
Dry Ice	8,500	"	510,000
Dates	300,000	Pounds	120,000
Meat & Meat Products	3,000,000	"	613,244
Cheese	875,000	"	170,000
Dairy Products	5,000,000	"	991,396
Market Milk	800,000	Gallons	440,000
Hides & Pelts	550,000	Pounds	51,300
Alfalfa Seed	60,000	"	24,000
Carrot Seed	20,000	"	10,000
Lettuce Seed	30,000	"	30,000
Cauliflower Seed	4,000	"	13,500

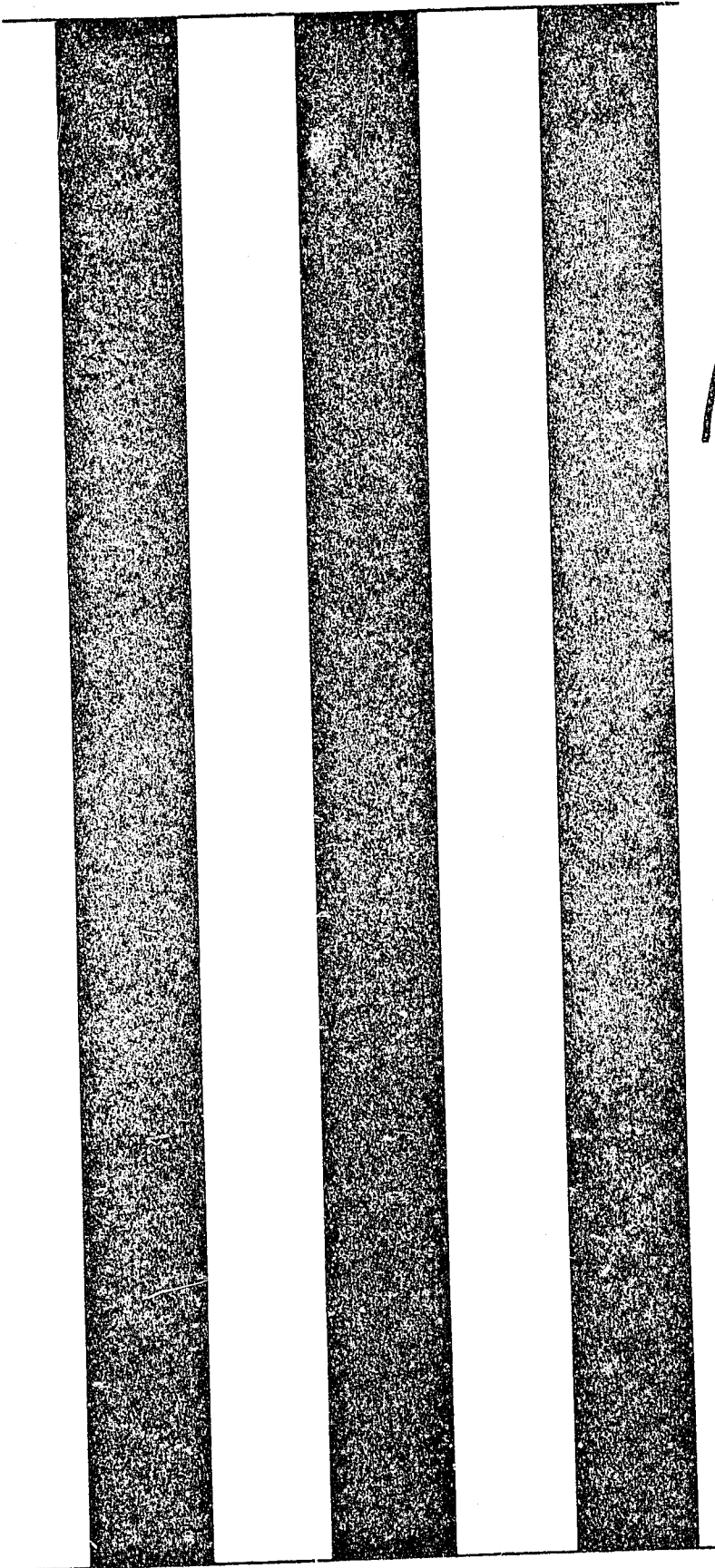
Honey Bees	1,063	"	1,292,823
Honey Bees	445	"	567,575
Watermelons	1,676	"	708,320
Asparagus	15	"	41,040
Peas	761	"	733,338
Onions	83	"	87,150
Squash	474	"	469,730
Cucumbers	73	"	52,860
Carrots	6,990	"	5,591,170
Cabbage	850	"	596,700
Lettuce	12,727	"	9,163,440
Tomatoes	1,313	"	1,418,040
Mixed Vegetables	498	"	468,630
Sugar Beets	3,985	"	2,105,000
Grapefruit	853	"	697,735
Oranges	150	"	155,905
Tangerines	38	"	51,500
Lemons	9	"	20,790
Grapes	45	"	144,000
Fertilizer	1,586	"	95,160
Poultry	3,172	Lozen	38,064
Turkeys	2,450	Head	12,250
Eggs	18,130	Colonies	181,130
Honey	1,500,000	Pounds	180,000
Cattle	116,720	Head	7,666,726
Cattle (Dairy)	12,535	"	1,155,500
sheep	140,893	"	1,233,656
Hogs	18,679	"	428,296
Goats	1,615	"	16,160
Ice	400,000	Tons	1,252,500
Dry Ice	8,500	"	510,000
Dates	300,000	Pounds	120,000
Meat & Meat Products	3,000,000	"	613,244
Cheese	875,000	"	170,000
Dairy Products	5,000,000	"	990,386
Market Milk	800,000	Gallons	440,000
Hides & Pelts	550,000	Pounds	51,700
Alfalfa Seed	60,000	"	24,000
Carrot Seed	20,000	"	10,000
Lettuce Seed	30,000	"	30,000
Cauliflower Seed	4,000	"	13,500
Cantaloupe Seed	2,000	"	3,000
Onion Seed	150,000	"	225,000
Celery Seed	20,000	"	10,000
Cut Flowers			40,000
Soil Improvement Payments			523,022

TOTAL

\$ 64,273,169

These statistics were compiled by the Imperial County Board of Trade under the supervision of The Board of Supervisors. Anyone wishing further information may write Imperial County Board of Trade, Court House, El Centro.

ORIGINAL DEFECTIVE



1946

# AGRICULTURAL CROP REPORT

**County of Imperial**

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**1946**

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DAVIS

B. A. HARRIGAN

"THE LARGEST IRRIGATED DISTRICT IN THE WORLD"

# County of Imperial

THE WINTER GARDEN OF AMERICA



B. A. HARRIGAN  
AGRICULTURAL COMMISSIONER  
STATE QUARANTINE GUARDIAN  
SEALER OF WEIGHTS  
& MEASURES

EL CENTRO, CALIFORNIA

## AGRICULTURAL CROP REPORT - 1946

TO: The Honorable Board of Supervisors  
and  
The State Director of Agriculture.

It is required by Sec. 65.5 of the Agricultural Code that the Agricultural Commissioner compile a report covering the acreage, production, and value of the agricultural products of the County. Herewith is submitted such a report for the County of Imperial.

I wish to emphasize that these values are Gross Values, F.O.B. Shipping Point and include the cost of production, harvesting, and preparation for market. The net income to farmers was not increased in proportion to the gross sales due to lower efficiency from inexperienced agricultural labor, worn out equipment, and increased costs of all materials used in harvesting and handling the crops.

The members of our department, including office personnel, and District Inspectors have made an earnest endeavor to make this report as accurate as possible.

Our sincere appreciation is extended to farmers, packers, and shippers who have assisted in making this report possible.

Respectfully submitted,

*B A Harrigan*  
B. A. HARRIGAN  
Agricultural Commissioner  
Imperial County

BAH:dk

AGRICULTURAL CROP REPORT - PRODUCTION AND VALUATION  
 COUNTY OF IMPERIAL  
 - 1946 -

F I E L D C R O P S

Alfalfa	25,317	Carloads	\$11,012,875
Alfalfa Meal	486	"	1,069,200
Barley	559	"	1,559,610
Wheat	9	"	28,350
Milo	108	"	280,800
Flax	701	"	4,731,750
Flax Straw	750	"	125,892
Flax Fiber	166	"	249,000
Rice	30	"	275,000
Rice By-Products	12	"	70,000
Sugar Beets	5,261	"	3,156,600
Grain Hay	900	"	304,200
TOTAL.....			\$22,863,277

F R U I T A N D N U T S

Grapefruit	619	Carloads	\$ 657,749
Oranges	101	"	102,616
Tangerines	41	"	82,000
Lemons	13	"	30,030
Grapes	42	"	210,000
Fruit Juice	24	"	124,463
Dates	250,000	Pounds	100,000
Honey	1,750,000	"	289,000
Pecans	13,700	"	6,850
TOTAL.....			\$ 1,602,708

V E G E T A B L E S

Lettuce	12,844	Carloads	\$12,330,240
Carrots	9,717	"	9,347,754
Cabbage	1,915	"	1,344,330
Peas	801	"	1,401,750
Onions	77	"	69,300
Mixed Vegetables	470	"	451,200
TOTAL.....			\$24,944,574



TRUCK CROPS

Cantaloupes	7,485	Carloads	\$ 8,907,150
Honey Dews	809	"	889,900
Honey Balls	273	"	324,870
Mixed Melons	358	"	365,160
Watermelons	1,952	"	1,194,624
Tomatoes	1,249	"	3,372,300
Squash	425	"	669,375
Cucumbers	61	"	68,625
Asparagus	12	"	36,480
TOTAL.....			\$15,828,484

ANIMAL INDUSTRIES

Cattle	119,253	Head	\$ 9,540,240
Sheep	193,465	"	1,547,720
Hogs	13,327	"	399,810
Goats	2,612	"	18,274
Horses	1,108	"	138,500
Dairy Cattle	7,395	"	739,500
Market Milk	1,612,400	Gallons	806,200
Dairy Products	4,069,200	Pounds	505,111
Cheese	1,107,804	"	201,631
Meat & Meat Prod.	5,946,051	"	473,484
Wool	248,000	"	99,200
Pasturage			3,948,650
Poultry	6,305	Dozen	75,660
Turkeys	2,325	Head	11,625
Bees	15,575	Colonies	155,750
Bees Wax	17,500	Pounds	7,875
Fish	50	Tons	13,500
TOTAL.....			\$18,682,730

MISC. ITEMS

Fertilizer	1,286	Carloads	\$ 104,487
Mineral Products	2,050	"	358,750
Salt	2,500	Tons	6,250
Ice	425,000	"	1,487,500
Dry Ice	11,000	"	880,000
TOTAL.....			\$ 2,836,987

S E E D   A N D   C U T   F L O W E R S

Cut Flowers			\$ 43,000
Flower Seed	7,000 Pounds		14,000
Garden Seed-(Mix)	15,000 "		15,000
Lettuce "	40,000 "		29,000
Carrot "	10,000 "		5,000
Celery "	10,000 "		10,000
Onion "	40,000 "		40,000
Cauliflower Seed	5,000 "		10,000
Beet Seed (Table)	30,000 "		4,000
Alfalfa Seed	600,000 "		216,000
			<hr/>
		TOTAL.....\$	386,000

Soil Improvement Payments	\$405,000
	TOTAL.....\$ 405,000

R E C A P I T U L A T I O N

Field Crops	\$22,863,277
Fruits and Nuts	\$ 1,602,708
Vegetables	\$24,944,574
Truck Crops	\$15,828,484
Animal Industries	\$18,682,730
Misc. Items	\$ 2,836,987
Soil Improvement Payments	\$ 405,000
	<hr/>
GRAND TOTAL.....	\$87,163,760
	<hr/> <hr/>

A C R E A G E 1946

Field Crops	328,443 Acres
Fruit and Nut Trees	5,264 "
Vegetable Crops	39,739 "
Truck Crops	37,600 "
Misc. Crops	<u>8,785</u> "
TOTAL ACREAGE CROPPED	419,831 Acres
AREA NOT FARMED	81,169 Acres

\*\*\*\*\*

Area in Irrigated District	612,658 Acres
1942 Inclusion	<u>270,130</u> "
Gross Area of District	882,788 Acres

\*\*\*\*\*

Number of Farms	4,500 Acres
Average area per farm	105 <i>Acres</i>

\*\*\*\*\*

Assessed Valuation

1910--\$12,148,180.00

1946--\$37,158,567.00

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1947

*Imperial county*

011

# AGRICULTURAL CROP REPORT

**County of Imperial**

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**1947**

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DAVIS

B. A. HARRIGAN

AGRICULTURAL CROP REPORT - PRODUCTION AND VALUATION  
COUNTY OF IMPERIAL  
- 1947 -

F I E L D C R O P S

Alfalfa	21,227	Carloads	\$ 7,659,000
Alfalfa Meal	774	"	1,932,000
Barley	529	"	1,547,325
Wheat	22	"	74,250
Milo	56	"	182,000
Flax	839	"	10,662,851
Flax Straw	1,749	"	323,000
Flax Fiber	233	"	362,800
Rice	8	"	84,800
Rice By-Products	2	"	3,180
Sugar Beets	13,650	"	6,064,012
Grain Hay	545	"	141,700
TOTAL.....			\$29,036,918

F R U I T A N D N U T S

Grapefruit	904	Carloads	\$ 709,640
Oranges	97	"	127,652
Tangerines	37	"	96,200
Lemons	6	"	11,088
Grapes	32	"	112,000
Fruit Juices	47,033	Cases	73,021
Dates	240,000	Pounds	96,000
Honey	1,495,880	"	194,464
Pecans	15,000	"	7,500
TOTAL.....			\$ 1,427,565

V E G E T A B L E S

Lettuce	15,201	Carloads	\$17,025,120
Carrots	7,512	"	6,310,080
Carrots (Topped)	35	"	22,050
Cabbage	1,166	"	727,584
Cabbage (Bulk)	210	"	69,300
Peas	506	"	974,050
Onions	47	"	42,300
Mixed Vegetables	753	"	602,400
TOTAL.....			\$25,772,884

TRUCK CROPS

Cantaloupes	5,741	Carloads	\$ 7,807,760
Honey Dews	286	"	250,250
Honey Balls	102	"	156,060
Mixed Melons	232	"	295,800
Tomatoes	1,721	"	3,872,250
Tomatoes (Cannery)	51	"	28,560
Squash	359	"	646,200
Cucumbers	130	"	146,250
Asparagus	15	"	41,040
Watermelons	1,900	"	1,254,000

TOTAL.....\$14,498,170

ANIMAL INDUSTRIES

Cattle	156,399	Head	\$13,293,915
Sheep	237,904	"	1,903,232
Wool	26	Cars	312,000
Hogs	10,338	Head	361,830
Goats	1,460	"	14,600
Horses	861	"	108,125
Dairy Cattle	8,501	"	1,062,625
Market Milk	2,098,156	Gallons	1,724,123
Dairy Products	9,456,307	Pounds	472,128
Cheese	533,225	"	218,571
Meat & Meat Prod.	2,973,025	"	236,222
Pasturage	402,804	Head	1,007,010
Poultry	5,393	Dozen	64,716
Turkeys	2,732	Head	15,026
Bees	16,123	Colonies	193,476
Bees Wax	16,400	Pounds	7,380

TOTAL.....\$20,994,979

MISC. ITEMS

Fertilizer	1,136	Carloads	\$ 127,800
Mineral Products	3,827	"	1,339,450
Salt	68	"	16,320
Dry Ice	10,000	Tons	700,000
Ice	300,000	"	1,125,000

TOTAL.....\$ 3,308,570

S E E D   A N D   C U T   F L O W E R S

Cut Flowers			\$	60,000
Flower Seed	10,000 Pounds			18,000
Vegetable Seed	34,500 "			52,000
Lettuce "	55,422 "			54,074
Onion "	120,297 "			123,746
Alfalfa "	600,000 "			150,000
Clover "	100,000 "			10,000
Sesbania "	200,000 "			20,000
				<hr/>
		TOTAL.....	\$	487,820

Soil Improvement Payments	\$400,000.00			
		TOTAL.....	\$	400,000

R E C A P I T U L A T I O N

Field Crops	\$29,036,918
Fruit and Nuts	\$ 1,427,565
Vegetables	\$25,772,884
Truck Crops	\$14,498,170
Animal Industries	\$20,994,979
Misc. Items	\$ 3,308,570
Seed and Cut Flowers	\$ 487,820
Soil Improvement Payments	<hr/> \$ 400,000
GRAND TOTAL.....	\$95,926,906



ACREAGE 1947

Field Crops	319,582 Acres
Permanent Crops	5,402 "
Vegetable Crops	57,376 "

\*\*\*\*\*

Area In Irrigated District	612,658 Acres
1942 Inclusion	272,130 "
Gross Area of District	822,788 "

\*\*\*\*\*

Number of Farms	5,219 Farms
Average Area Per Farm	94 Acres

\*\*\*\*\*

ASSESSED VALUATION

- 1910 -	- 1947 -
\$12,148,180.00	\$42,836,786.00

\*\*\*\*\*

CROP AND LIVESTOCK VALUES

- 1937 -	- 1947 -
\$42,329,660.00	\$95,926,906.00

Three vertical black bars of varying widths are positioned on the left side of the page. They are separated by white gaps. The bars are solid black with a slightly grainy texture.

1948

*Calif. - Imperial Co.*  
*6 1948*

201

# AGRICULTURAL CROP REPORT

**County of Imperial**

---

**1948**

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OFFICE OF THE  
AGRICULTURAL COMMISSIONER

STATE OF CALIFORNIA  
DEPARTMENT OF AGRICULTURE  
OFFICE OF THE AGRICULTURAL COMMISSIONER  
FACSIMILE

**B. A. HARRIGAN**  
Agricultural Commissioner

IMPERIAL IRRIGATION DISTRICT  
CROP SURVEY - 1948

<u>PERMANENT CROPS</u>	March <u>Acres</u>	Aug. <u>Acres</u>	Oct. <u>Acres</u>	<u>FIELD CROPS</u>	March <u>Acres</u>	Aug. <u>Acres</u>	Oct. <u>Acres</u>
Asparagus	161		119	Alfalfa	108 949		87 567
Tangerines	245		264	Barley	57 756		5 869
Dates	181		175	Oats	600		100
Grapes	934		906	Wheat	3 972		510
Pecans	157		164	Bermuda	1 407		965
Lemons	72		77	Guar			54
Grapefruit	2 833		1 993	Sudan	28	8	3 215
Oranges	693		596	Sesbania	500	22 763	2 898
Strawberries	4		4	Milo	360	20 247	18 065
Apricots	2		2	Sugar Beets	41 309		10 295
Nursery	6		6	Rice	300	410	610
Sour Stock	2		2	Perm. Pasture	879		710
Mixed Citrus	15		16	Clover	49		53
<b>TOTALS</b>	<u>5 305</u>	<u>---</u>	<u>4 324</u>	Flax	133 752		2 001
				Sorghum			1
<u>GARDEN CROPS</u>				Berseem Clover	18		18
Lettuce	15 927		28 284	Hubam Clover	752		
Cantaloupes	15 130	793	206	Cal. Vetch	1		20
Honeydews	703	40		Millet			108
Honeyballs	303	100		Horse Beans	3		432
Peas	2 810		1 549	Amber Cane			
Carrots	5 059		8 279	Black-eyed Peas		22	
Tomatoes	3 828		244	<b>TOTALS</b>	<u>350 635</u>	<u>43 450</u>	<u>133 491</u>
Watermelons	4 719		2 021				
Cabbage	762		1 276				
Squash	1 594		1 149	<b>TOTAL ACRES CROPPED</b>		<u>March</u>	<u>October</u>
Cucumbers	19		537	LESS DOUBLE CROPPED		408 258	183 518
Cauliflower			92	NET AREA CROPPED		2 233	1
Mixed Vegetables	81		117	PLOWED, NOT CROPPED		406 045	183 519
Onions	254		630	TOTAL AREA FARMED		19 747	244 333
Greens	16			AREA NOT FARMED(a)		425 792	427 850
Mustard	55		95	TOTAL AREA REPORTED		68 756	64 838
Celery			3	AREA NOT FARMED(b)		494 548	492 688
Gladioli	21			TOTAL AREA FARMABLE		10 725	17 419
Flowers	212		72	NOT FARMABLE(c)		505 273	510 107
Eggplant	25		8	TOTAL ACREAGE IN IRRI-		107 385	102 551
Sweet Corn			58	GATED AREA OF DIST.		612 658	612 658
Peppers	54		37	1942 INCLUSION		270 130	270 130
Okra	4		2	GROSS AREA OF DISTRICT		<u>882 788</u>	<u>882 788</u>
Garlic	12		36				
Broccoli	491		459	No. of Farms Reported		4 408	4 505
Romaine	7		20	Owner Operated (54%)		2 372 (54%)	2 442
Turnips	20			Tenant Operated (46%)		2 036 (46%)	2 063
Beans	166		335	Average Area (Acres)		112	109.4
Brussels Sprouts	146		135				
Persian Melons	39		9	(a) Acreage on accounts counted			
Black-eyed Peas			42	(b) Acreage on idle accounts			
Spinach	30			(c) Approximate only			
Miscellaneous	1		8				
<b>TOTALS</b>	<u>52 338</u>	<u>933</u>	<u>45 703</u>				

W. E. HARTZOG, Supt.  
Water Distribution and  
Drainage Construction

IMPERIAL COUNTY DEPARTMENT OF AGRICULTURE  
EL CENTRO, CALIFORNIA

B. A. HARRIGAN  
AGRICULTURAL COMMISSIONER

\* \* \* \*

ANNUAL REPORT  
FOR THE  
YEAR ENDING DECEMBER 31 - 1948

\* \* \* \*

BOARD OF SUPERVISORS  
JOHN LYDICK - CHAIRMAN

E. E. CAVANAH

HUGH T. OSBORNE

N. L. FIFIELD

J. R. SNYDER

AGRICULTURAL CROP REPORT - 1948

TO: The Honorable Board of Supervisors  
and  
The State Director of Agriculture.

It is required by Sec. 65.5 of the Agricultural Code that the Agricultural Commissioner compile a report covering the acreage, production, and value of the agricultural products of the County. Herewith is submitted such a report for the County of Imperial.

I wish to emphasize that these values are Gross Values, F.O.B. Shipping Point and include the cost of production, harvesting, and preparation for market. The net income to farmers was not increased in proportion to the gross sales due to lower efficiency from inexperienced agricultural labor, worn out equipment, and increased costs of all materials used in harvesting and handling the crops.

The members of our department, including office personnel, and District Inspectors have made an earnest endeavor to make this report as accurate as possible.

Our sincere appreciation is extended to farmers, packers, and shippers who have assisted in making this report possible.

Respectfully submitted,

*B. A. Harrigan*

B. A. HARRIGAN  
Agricultural Commissioner  
Imperial County

BAH:lw

1948

FIELD CROPS

Alfalfa	19,794	Cars	\$ 8,313,480.00
Alfalfa Meal	832	"	1,372,800.00
Barley	869	"	2,620,035.00
Wheat	49	"	174,195.00
Milo	186	"	632,400.00
Flax	1,783	"	19,880,450.00
Flax Straw	1,795	"	373,074.00
Flax Fiber	327	"	516,089.00
Flax Shive	67	"	4,020.00
Screenings - Seed	39	"	58,500.00
Sugar Beets	23,441	"	14,533,420.00
Sugar Beet By-Products	1,450	"	1,227,500.00
Grain Hay	284	"	103,376.00
Straw	144	"	37,440.00
			\$49,846,779.00

FRUIT & NUTS

Grapefruit	452	Cars	\$ 417,648.00
Oranges	75	"	95,250.00
Tangerines	37	"	66,600.00
Lemons	11	"	15,950.00
Grapes	41	"	164,000.00
Fruit Juices	38,000	Cases	83,600.00
Dates	200,000	Pounds	80,000.00
Honey	1,180,000	Pounds	100,300.00
Pecans	20,000	Pounds	10,000.00
			\$ 1,033,348.00

VEGETABLES

Lettuce	16,801	Carloads	\$17,204,224.00
Carrots	6,391	"	12,302,675.00
Cabbage	715	"	501,930.00
Cabbage - Sacked	21	"	10,913.00
Cabbage - Bulk	269	"	123,740.00
Peas	195	"	614,250.00
Onions	99	"	148,500.00
Mixed Vegetables	601	"	528,880.00
			\$31,435,112.00

TRUCK CROPS

Cantaloupes	4,088	Carloads	\$ 7,297,080
Mixed Melons	330	"	448,800
Tomatoes	3,099	"	5,578,200
Tomatoes (Cannery)	51	"	30,600
Squash	263	"	701,100
Squash (Banana)	11	"	11,000
Cucumber	105	"	165,375
Asparagus	13	"	43,470
Watermelons	1,337	"	<u>882,420</u>

TOTAL..... \$15,158,047

ANIMAL INDUSTRIES

Cattle	4,744	Cars	\$11,954,880
Sheep	1,215	"	1,822,500
Wool	13	"	163,800
Hogs	69	"	414,000
Horses	593	Head	59,300
Dairy Cattle	5,134	"	641,750
Market Milk	1,670,899	Gallons	1,503,809
Dairy Products	6,353,741	Pounds	262,784
Pasturage	307,606	Head	1,538,030
Poultry	188,000	"	224,000
Turkeys	2,000	"	20,800
Bees	18,000	Colonies	162,000
Bees Wax	27,000	Pounds	11,880
Queen Bees	2,312	"	2,890
Queen cells	570	"	285
Eggs	27,000	Cases	<u>486,000</u>

TOTAL..... \$19,268,708

MISC. ITEMS

Fertilizer	850	Carloads	85,000
Mineral Products	9,122	"	1,641,960
Dry Ice	10,025	Tons	701,750
Ice	300,000	"	<u>1,200,000</u>

TOTAL.....\$ 3,628,710



S E E D   A N D   C U T   F L O W E R S

Cut Flowers		\$	20,000
Flower Seed	6,000 Pounds		10,000
Lettuce "	50,000 "		50,000
Onion "	40,000 "		44,000
Alfalfa "	600,000 "		150,000
Clover "	150,000 "		15,000
Sesbania "	360,000 "		36,000
Vegetable Seed	50,000 "		60,000
TOTAL.....			\$ 385,000

Soil Improvement Payments	\$125,786	
	TOTAL	\$ 125,786.

R E C A P I T U L A T I O N

Field Crops	\$49,846,779.
Fruits and Nuts	1,033,348.
Vegetables	31,435,112.
Truck Crops	15,158,047.
Animal Industries	19,268,708.
Misc. Items	3,628,710.
Seed and Cut Flowers	385,000.
Soil Improvement Payments	125,786
GRAND TOTAL.....	\$120,881,490

A C R E A G E    1948

Field Crops	353,794 Acres
Permanent Crops	4,089    "
Vegetable Crops	48,410    "

\*\*\*\*\*

Area in Irrigated District	612,658 Acres
1942 Inclusion	272,330    "
Gross Area of District	884,990    "

\*\*\*\*\*

Number of Farms	4,776 Farms
Average Area Per Farm	105 Acres

\*\*\*\*\*

ASSESSSED VALUATION

- 1910 -	- 1948 -
\$12,148,180.00	\$47,878,430.00

\*\*\*\*\*

CROP AND LIVESTOCK VALUES

- 1938 -	- 1948 -
\$32,463,796.00	\$120,588,156.00

## WEED CONTROL

Enforcement of seed laws and quarantines on shipments of seed have proven to be the greatest protection to Agriculture. Careful inspection of seed for the presence of noxious weed seed has greatly reduced the hazards to growers of contaminating clean fields with noxious weeds. Increased interest has been manifested in planting and the production of certified seed.

Eradication treatments on infestations of Johnson Grass, Camel Thorn, and Perennial Mesquite have been carried on with generally satisfactory results.

Applications of 2-4-D on Mesquite, a well established infestation failed to give other than fair control. Check plots using arsenicals in jars with individual plant treatment proved more satisfactory and will be used in this program as well as treatment on Camel Thorn.

Chlorate has been used to clean up scattered infestations of Johnson Grass.

General Weed control work has been carried on over County Roads and some private owned properties where owners had no suitable equipment. Applications on such properties were on request of owners and were not at County expense.

The Agricultural Department has two fully equipped power sprays that are available to property owners who may wish to make use of them for weed and pest control work.

## INSECT PESTS

Vegetable growers were troubled with the usual pests characteristic to the industry. Use of insecticides applied under regulation as to time of application held losses to a minimum for the season.

Three vertical black bars of varying widths are positioned on the left side of the page. They are separated by white gaps. The bars have a grainy, textured appearance.

1949

Calif. - Imperial Co.

211

# AGRICULTURAL CROP REPORT

## County of Imperial

1949

OFFICE OF THE  
AGRICULTURAL COMMISSIONER

UNIVERSITY OF CALIFORNIA  
LIBRARY  
DEPARTMENT OF AGRICULTURE  
DAVIS

B. A. HARRIGAN  
Agricultural Commissioner

IMPERIAL COUNTY DEPARTMENT OF AGRICULTURE  
EL CENTRO, CALIFORNIA

B. A. HARRIGAN  
AGRICULTURAL COMMISSIONER

\* \* \* \*

ANNUAL REPORT  
FOR THE  
YEAR ENDING DECEMBER 31 - 1949

\* \* \* \*

BOARD OF SUPERVISORS

N. L. FIFIELD - CHAIRMAN

E. E. CAVANAH

HUGH T. OSBORNE

JOHN LYDICK

J. R. SNYDER

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The members of our department, including office personnel, and District Inspectors have made an earnest endeavor to make this report as accurate as possible.

Our sincere appreciation is extended to farmers, packers, and shippers who have assisted in making this report possible.

Respectfully submitted,

*B. A. Harrigan*  
B. A. HARRIGAN  
Agricultural Commissioner  
Imperial County

BAH:ne

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FIELD CROPS

Alfalfa	19,550	Carloads	\$ 6,671,537.00
Alfalfa Meal	872	"	1,373,400.00
Barley	900	"	1,741,500.00
Wheat	160	"	451,200.00
Flax	1,923	"	12,126,438.00
Milo	79	"	185,650.00
Flax Straw	1,224	"	212,845.00
Flax Fiber	331	"	482,480.00
Screenings - Seed	79	"	69,125.00
Sugar Beets	8,481	"	4,325,310.00
Sugar Beet By-Products	1,118	"	931,520.00
Grain Hay	687	"	164,880.00
Straw	300	"	58,500.00
			\$28,794,385.00

FRUIT & NUTS

Grapefruit - Packed	180	Carloads	\$ 174,600.00
Grapefruit - Juice	1,154	Tons	9,232.00
Orange - Juice	23	Carloads	6,384.00
Tangerines	21	"	40,950.00
Lemons	17	"	23,090.00
Grapes	61	"	222,345.00
Honey	1,480,000	Pounds	118,400.00
Dates	210,000	"	52,500.00
Pecans	22,000	"	11,000.00
			\$ 658,501.00

VEGETABLES

Lettuce	17,455	Carloads	\$25,973,040.00
Carrots	5,341	"	4,977,812.00
Cabbage	827	"	582,208.00
Cabbage - Sacked	8	"	7,680.00
Cabbage - Bulk	296	"	118,400.00
Peas	181	"	231,651.00
Onions	97	"	87,300.00
Mixed Vegetables	404	"	363,600.00
Broccoli	123	"	233,700.00
Romaine	128	"	102,400.00
			\$32,677,791.00



TRUCK CROPS

Cantaloupes	5,596 Carloads	\$5,551,232.00
Mixed Melons	543 "	488,700.00
Tomatoes	927 "	1,001,160.00
Tomatoes - Cannery	194 "	97,000.00
Squash	281 "	421,500.00
Squash - Banana	12 "	7,200.00
Cucumbers	72 "	144,000.00
Asparagus	5 "	16,250.00
Watermelons	1,976 "	899,080.00
	TOTAL.....	<u>\$8,626,122.00</u>

ANIMAL INDUSTRIES

Cattle	3,981 Carloads	\$10,032,120.00
Sheep	992 "	1,488,000.00
Wool	15 "	19,500.00
Hogs	110 "	577,500.00
Horses	624 Head	93,600.00
Dairy Cattle	6,823 "	818,760.00
Market Milk	1,820,123 Gallons	1,410,595.00
Dairy Products	5,083,001 Pounds	197,094.00
Pasturage	260,268 Head	892,272.00
Poultry	265,800	269,314.00
Turkeys	2,400 "	14,400.00
Bees	18,000 Colonies	162,000.00
Bees Wax	12,500 Pounds	5,000.00
Eggs	23,940 Cases	395,010.00
	TOTAL.....	<u>\$16,375,165.00</u>

MISC. ITEMS

Fertilizer	583 Carloads	\$ 58,300.00
Mineral Products	11,767 "	1,481,094.00
Dry Ice	9,750 Tons	585,000.00
Ice	310,000 "	1,240,000.00
	TOTAL.....	<u>\$3,364,394.00</u>

SEED AND CUT FLOWERS

Cut Flowers			\$ 35,500.00
Flower Seed	2,500 Pounds		5,000.00
Lettuce Seed	55,000 "		55,000.00
Onion Seed	50,000 "		50,000.00
Alfalga Seed	5,000,000 "		950,000.00
Clover Seed	550,000 "		55,000.00
Sesbania Seed	300,000 "		21,000.00
Vegetable Seed	21,000 "		21,000.00
Barley Seed	600,000 "		18,000.00
Wheat Seed	200,000 "		8,000.00
Flax Seed	1,500,000 "		270,000.00
		TOTAL.....	\$1,488,500.00

Soil Improvement Payments	\$244,606.00	
	TOTAL.....	\$244,606.00

R E C A P I T U L A T I O N

Field Crops		\$28,794,385.00
Fruit and Nuts		658,501.00
Vegetables		32,677,791.00
Truck Crops		8,626,122.00
Animal Industries		16,375,165.00
Misc. Items		3,364,394.00
Seed and Cut Flowers		1,488,500.00
Soil Improvement Payments		<u>244,606.00</u>
GRAND TOTAL.....		\$92,229,464.00

A C R E A G E    1949

Field Crops	353,794 Acres
Permanent Crops	3,862 "
Vegetable Crops	48,110 "

\*\*\*\*\*

Area in Irrigated District	612,658 Acres
1942 Inclusion	272,330 "
Gross Area of District	884,990 "

\*\*\*\*\*

Number of Farms	4,776 Farms
Average Area Per Farm	105 Acres

\*\*\*\*\*

A S S E S S E D    V A L U A T I O N

-1910-	-1949-
\$12,148,180.00	\$50,628,565.00

\*\*\*\*\*

C R O P    A N D    L I V E S T O C K    V A L U E S

-1939-	-1949-
\$35,279,624.00	\$92,229,464.00

Total valuations as listed in the 1949 Agricultural Crop Report indicate a decrease from 1948. This decrease was due to generally lower prices on farm produce and to lower acreage production of vegetable and truck crops resulting from severe freezing damage early in January.

Fewer numbers of sheep and cattle were fed in the County this year with less revenue to alfalfa growers for pasturage.

Conversion of alfalfa to meal instead of making hay, reduced hay shipments materially. Indications are that the dehydrating industry will increase during the next year.

Approximately 33,000 acres of alfalfa was diverted from hay and meal production to producing seed. Seed yields were good with a production of 5,000,000 pounds of clean seed.

Flax acreage increased over 1948 plantings, but weed growth and unfavorable growing conditions during January and February greatly reduced yields at harvest time.

Returns from most truck crops were fair. The lettuce deal, due to seasonal conditions, was the exception. Markets were steady and F.O.B. prices were a near high record from January to April when the season closed.

Cantaloupes were of exceptionally good quality throughout the entire deal. Returns were fair although not as good as anticipated.

#### PEST CONTROL

Imperial County was troubled with the usual variety of insect pests affecting truck and vegetable crops, plus a few that heretofore have caused little damage in this area. Lygus and Stink Bug working on alfalfa seed plantings caused serious damage to some fields. The entire acreage of alfalfa seed plantings, approximately 33,000 acres, was treated with insecticides twice and in some areas three times. Records from permits issued by the County Agricultural Department show that over 3,000,000 pounds of various insecticides were used on crops in this County during the year. All applications for use of insecticides are handled through the Agricultural Department under a permit system.

Severe infestations of grasshoppers in scattered areas in the County required applications of poison bait. Late in the season excellent results were obtained through the use of Chlordane, oil and flake bran applied by plane at the rate of five to seven pounds per acre. Bran for this material was furnished by the Federal Government with mixing and distribution by the County Agricultural Department. This program will be followed next year as infestations become apparent.

Treatment of Red Scale infestations were carried on by the County through the facilities of the County Agricultural Department. This is follow-up work started last year and results have been very encouraging. Oil emulsion spray has been used in this work.

#### HIGHWAY TRUCK CHECKING STATIONS

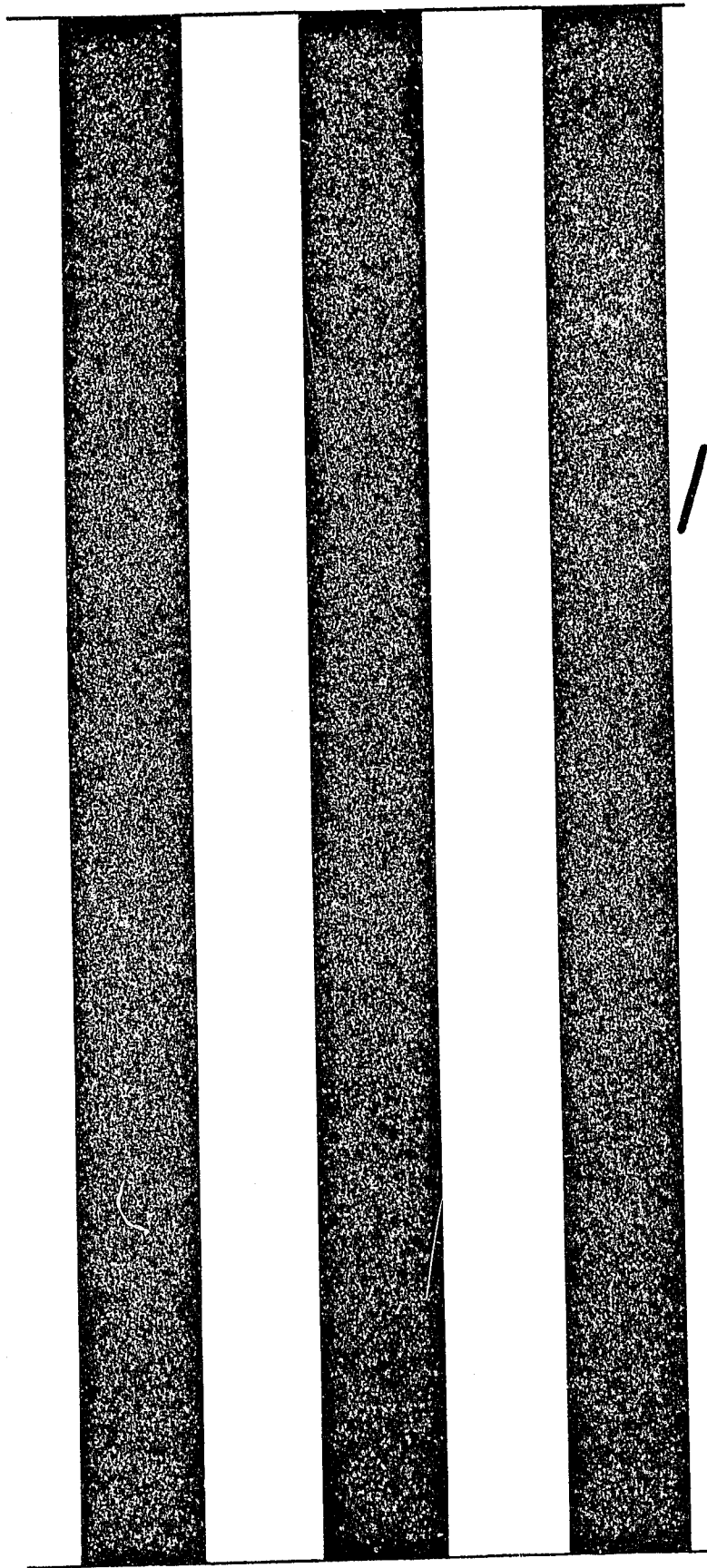
Two inspection and checking stations, one on Highway 99 and one on Highway 80 are manned and operated by the Agricultural Department. These stations are operated twenty-four hours per day throughout the year and have proved to be of great value in checking produce moving to markets. Records of trucks have also proven to be of value in checking of stolen property by law enforcing agencies.

#### PREDATORY ANIMAL CONTROL

A cooperative arrangement between the State and Federal Department and Imperial County has proven of great benefit to cattlemen and poultry raisers in the County. Trappers work in this area late in the Fall and early Spring of each year when coyotes are a serious menace to sheep during the lambing period.

#### WEIGHTS AND MEASURES

The County Agricultural Commissioner is also Sealer of Weights and Measures in Imperial County. This work is carried on by personnel from the Agricultural Department. Great tonnage of produce moving by truck from this area makes necessary regular testing of all heavy duty scales. This has been greatly augmented by the cooperation of the State Bureaus heavy duty trucks and personnel. Light scales, pumps and meters are checked by County Deputies throughout the year.



1950

IMPERIAL COUNTY DEPARTMENT OF AGRICULTURE  
EL CENTRO, CALIFORNIA

B. A. HARRIGAN  
AGRICULTURAL COMMISSIONER

\* \* \* \*

ANNUAL REPORT  
FOR THE  
YEAR ENDING DECEMBER 31, 1950

\* \* \* \*

BOARD OF SUPERVISORS

HUGH T. OSBORNE - CHAIRMAN

E. E. CAVANAH

N. L. FIFIELD

JOHN LYDICK

J. R. SNYDER

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DAVIS

AGRICULTURAL CROP REPORT - 1950

TO: The Honorable Board of Supervisors  
and  
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Respectfully submitted,

*B. A. Harrigan*  
B. A. HARRIGAN  
Agricultural Commissioner  
Imperial County

BAH:na



1 9 5 0

FIELD CROPS

Alfalfa	21,333	Carloads	\$ 6,399,900.00
Alfalfa Meal	2,157	"	2,911,950.00
Barley	619	"	1,304,233.00
Wheat	550	"	1,551,000.00
Flax	1,141	"	6,706,798.00
Milo	383	"	972,054.00
Flax Straw	1,432	"	240,576.00
Flax Fiber	350	"	525,000.00
Screenings - Seed	74	"	73,260.00
Sugar Beets	15,477	"	7,784,931.00
Sugar Beet By-Products	261	"	594,475.00
Grain Hay	518	"	121,212.00
Straw	685	"	106,860.00
		Total...	\$ 29,292,249.00

FRUIT AND NUTS

Grapefruit - Packed	381	Carloads	\$ 626,364.00
Grapefruit - Juice	147	"	58,880.00
Orange - Juice	140	"	78,240.00
Tangerines	44	"	121,000.00
Lemons	14	"	32,340.00
Grapes	133	"	418,950.00
Honey	1,800,000	Pounds	162,000.00
Dates	447,000	"	77,337.00
Pecans	20,000	"	10,000.00
		Total...	\$ 1,585,111.00

VEGETABLES

Lettuce	15,346	Carloads	\$15,223,232.00
Carrots	3,683	"	2,883,789.00
Carrots - Topped	406	"	267,960.00
Cabbage	548	"	353,280.00
Peas	104	"	207,480.00
Onions	1,534	"	1,150,500.00
Mixed Vegetables	481	"	432,900.00
Broccoli	126	"	226,800.00
Romaine	224	"	197,120.00
		Total...	\$ 20,943,061.00

TRUCK CROPS

Cantaloupes	7,336	Carloads	\$ 7,974,232.00
Honeyballs	245	"	273,420.00
Mixed Melons	227	"	238,350.00
Tomatoes	1,940	"	4,190,400.00
Tomatoes - Cannery	39	"	17,940.00
Squash	252	"	529,200.00
Squash - Banana	10	"	6,000.00
Cucumbers	107	"	187,250.00
Asparagus	13	"	30,836.00
Watermelons	1,811	"	941,720.00
		Total...	<u>\$ 14,389,348.00</u>

ANIMAL INDUSTRIES

Cattle	4,682	Carloads	\$11,798,640.00
Sheep	749	"	2,808,750.00
Wool	47	"	970,080.00
Hogs	95	"	570,000.00
Horses	440	Head	66,000.00
Dairy Cattle	9,795	"	1,224,375.00
Market Milk	1,768,566	Gallons	1,325,994.00
Dairy Products	3,399,491	Pounds	715,685.00
Pasturage	136,230	Head	932,850.00
Poultry	8,025	Dozen	99,294.00
Turkeys	2,850	Head	22,800.00
Bees	18,000	Colonies	216,000.00
Bees Wax	17,500	Pounds	7,350.00
Eggs	13,020	Cases	164,052.00
		Total...	<u>\$ 20,921,870.00</u>

MISC. ITEMS

Fertilizer	1,081	Carloads	\$ 108,100.00
Mineral Products	12,681	"	9,349,155.00
Dry Ice	8,000	Tons	240,000.00
Ice	279,000	"	1,213,650.00
Schist	135	Carloads	27,000.00
Pumice Stone	841	"	117,740.00
		Total...	<u>\$ 11,055,645.00</u>

SEED AND CUT FLOWERS

Cut Flowers			\$ 30,000.00
Flower Seed	3,500	Pounds	7,000.00
Lettuce Seed	65,000	"	65,000.00
Onion Seed	80,000	"	80,000.00
Alfalfa Seed	12,000,000	"	2,160,000.00
Clover Seed	400,000	"	40,000.00
Sesbania Seed	200,000	"	15,000.00
Vegetable Seed	60,000	"	35,000.00
Barley Seed	1,500,000	"	45,000.00
Wheat Seed	500,000	"	24,000.00
Flax Seed	2,257,000	"	338,550.00
Castor Bean Seed	250,000	"	62,500.00
		Total...	<hr/> \$ 2,902,050.00

Soil Improvement Payments                      Total...                      \$ 198,000.00

R E C A P I T U L A T I O N

Field Crops	\$ 29,292,249.00
Fruit and Nuts	1,585,111.00
Sugar	4,648,890.00
Vegetables	20,943,061.00
Truck Crops	14,389,348.00
Animal Industries	20,921,870.00
Misc. Items	11,055,645.00
Seed and Cut Flowers	2,902,050.00
Soil Improvement Payments	198,000.00
	<hr/>
GRAND TOTAL...	\$ 105,936,224.00

ACREAGE 1950

Field Crops	351,928 Acres
Permanent Crops	3,612 "
Vegetable Crops	49,251 "

\*\*\*\*\*

Area in Irrigated District	612,658 Acres
1942 Inclusion	272,330 "
Gross Area of District	884,990 "

\*\*\*\*\*

Number of Farms	4,779 Farms
Average Area per Farm	103 Acres

\*\*\*\*\*

ASSESSED VALUATION

-1910-	-1950-
\$12,148,180.00	\$51,085,184.00

\*\*\*\*\*

CROP AND LIVESTOCK VALUES

-1940-	-1950-
\$26,805,353.00	\$ 105,936,224.00

The total valuations as listed in the 1950 Agricultural Crop Report indicate an increase over 1949. Markets were generally stronger on most farm produce and livestock.

Pasturage of sheep and cattle and the consumption of local feed added materially to revenue received by Alfalfa and Grain growers in the County.

Dehydrating of increased acreage of Alfalfa reduced Alfalfa Hay tonnage. Alfalfa Meal production was more than doubled over the 1949 records.

Alfalfa Seed production, from approximately 150,000 acres, materially reduced hay production as an average of one cutting of Alfalfa was lost. Seed production totaled 12,000,000 pounds. Yields varied greatly, but on the whole the production was satisfactory.

Flax acreage and production decreased over 1949. Yields were generally satisfactory.

The returns from truck crops show a sharp decrease compared with the returns of 1949. Early harvested crops were sent to weak markets and it was due only to better demand late in the season that returns saved some growers from serious losses.

Cantaloupe shipments increased sharply with quality exceptionally good. Markets were steady and F.O.B. returns were above the level of 1949.

#### PEST CONTROL

Imperial County was troubled with the usual variety of insect pests affecting truck and vegetable crops. Lygus and Stink Bugs working on alfalfa seed plantings caused serious damage to some fields. The entire acreage of alfalfa seed plantings, approximately 150,000 acres, was treated with insecticides twice and in some areas three times. Records from permits issued by the County Agricultural Department show approximately 6,000,000 pounds of various insecticides were used on crops in this County during the year. All applications for use of insecticides were handled through the Agricultural Department under a permit system.

Severe infestations of grasshoppers in scattered areas in the County required applications of poison bait. Excellent results were obtained through the use of Chlordane, oil and flake bran applied by airplane at the rate of five to seven pounds per acre. Bran for this material was furnished by the Federal Government with mixing and distribution by the County Agricultural Department. This program will be followed next year as infestations become apparent.

Treatment of Red Scale infestations were carried on by the County through the facilities of the County Agricultural Department. This is follow-up work and results have been very encouraging. Oil emulsion spray has been used in this work.

#### HIGHWAY TRUCK CHECKING STATIONS

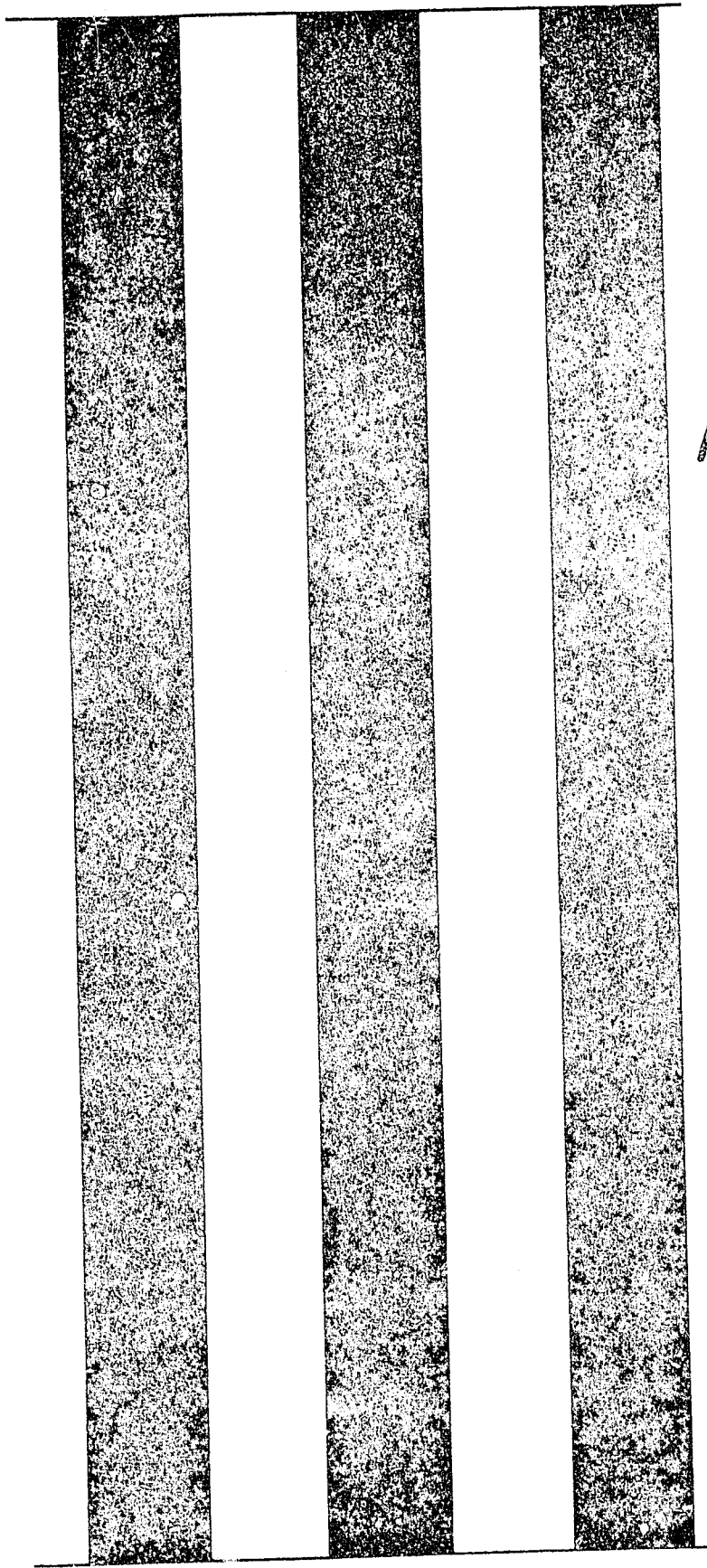
Two inspection and checking stations, one on Highway 99 and one located on Highway 80 are manned and operated by the Agricultural Department. These stations are operated twenty-four hours per day throughout the year and have proved to be of great value in checking produce moving to markets. Records of trucks have also proven to be of value in checking of stolen property by law enforcing agencies.

#### PREDATORY ANIMAL CONTROL

A cooperative arrangement between the State and Federal Department and Imperial County has proven of great benefit to cattlemen and poultry raisers in the County. Trappers work in this area late in the Fall and early Spring of each year when coyotes are a serious menace to sheep during the lambing period.

#### WEIGHTS AND MEASURES

The County Agricultural Commissioner is also Sealer of Weights and Measures in Imperial County. This work is carried on by personnel from the Agricultural Department. Great tonnage of produce moving by truck from this area makes necessary regular testing of all heavy duty scales. This has been greatly augmented by the cooperation of the State Bureaus heavy duty trucks and personnel. Light scales, pumps and meters are checked by County Deputies throughout the year.



1951

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IMPERIAL COUNTY DEPARTMENT OF AGRICULTURE  
EL CENTRO, CALIFORNIA

B. A. HARRIGAN  
AGRICULTURAL COMMISSIONER

ANNUAL REPORT  
FOR THE  
YEAR ENDING DECEMBER 31, 1951

BOARD OF SUPERVISORS

J. R. SNYDER - CHAIRMAN

E.E. CAVANAUGH

N.L. FIFIELD

JOHN LYDICK

H.T. OSBORNE

UNIVERSITY OF CALIFORNIA  
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AGRICULTURAL CROP REPORT - 1951

TO: The Honorable Board of Supervisors  
and  
The State Director of Agriculture

It is required by Sec. 65.5 of the Agricultural Code that the Agricultural Commissioner compile a report covering the acreage, production, and value of the agricultural products of the County. Herewith is submitted such a report for the County of Imperial.

I wish to emphasize that these values are Gross Values, F.O.B. Shipping Point and include the cost of production, harvesting, and preparation for market. The net income to farmers was not increased in proportion to the gross sales due to lower farm prices and increased costs of labor and all materials used in harvesting and handling the crops.

The members of our department, including office personnel, and District Inspectors have made an earnest endeavor to make this report as accurate as possible.

Our sincere appreciation is extended to farmers, packers, and shippers who have assisted in making this report possible.

Respectfully submitted,

*B. A. Harrigan*  
B.A. HARRIGAN  
Agricultural Commissioner  
Imperial County

BAH:rc

1 9 5 1

FIELD CROPS

Alfalfa	25,401	Carloads	\$ 13,906,547.00
Alfalfa Meal	1,815	"	3,484,800.00
Barley	1,860	"	5,598,600.00
Wheat	674	"	2,375,850.00
Milo	160	"	511,360.00
Flax - Seed	908	"	6,810,835.00
Flax Straw	1,887	"	288,711.00
Flax Fibre	350	"	525,600.00
Shive - Flax	102	"	6,120.00
Screenings - Seed	48	"	63,360.00
Sugar Beets	14,266	"	8,416,940.00
Sugar Beet By-Products	950	"	1,460,080.00
Grain Hay	363	"	108,537.00
Straw	873	"	170,235.00
Castor Beans	39	"	374,400.00
Cotton	31,698	Bales	6,339,600.00
Cotton Seed	9,509	Tons	684,648.00

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Total .... \$ 51,126,223.00

FRUIT AND NUTS

Grapefruit	366	Carloads	383,838.00
Oranges	98	"	221,852.00
Tangerines	40	"	108,310.00
Lemons	14	"	43,652.00
Grapes	92	"	271,584.00
Honey	2,244,450	Pounds	213,223.00
Dates	335,250	"	50,287.00
Pecans	22,000	"	11,000.00

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Total .... \$ 1,303,746.00

VEGETABLES

Lettuce	13,733	Carloads	10,986,400.00
Carrots	6,806	"	6,750,190.00
Carrots - Topped	1,213	"	982,530.00
Carrots - Cull	9,437	Tons	23,593.00
Cabbage	852	Carloads	817,920.00
Cabbage - Bulk	612	Tons	12,240.00
Peas	103	Carloads	234,325.00
Onions	312	"	514,800.00
Mixed Vegetables	114	"	171,000.00
Broccoli	118	"	212,400.00
Romaine	137	"	87,680.00

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Total .... \$ 20,793,078.00

TRUCK CROPS

Cantaloupes	3,728	Carloads	\$ 5,135,320.00
Mixed Melons	83	"	99,600.00
Tomatoes	1,415	"	2,149,031.00
Tomatoes - Cannery	15,737	Tons	472,110.00
Squash	197	Carloads	394,000.00
Cucumbers	61	"	183,000.00
Asparagus	19	"	64,314.00
Watermelons	1,343	"	1,003,892.00
Green Corn	80	"	139,200.00
		Total...	<u>\$ 9,640,467.00</u>

ANIMAL INDUSTRIES

Cattle	6,228	Carloads	\$ 15,694,560.00
Sheep	1,146	"	4,767,922.00
Wool	18	"	518,400.00
Hogs	100	"	585,000.00
Horses	442	Head	66,300.00
Dairy Cattle	12,108	"	2,118,900.00
Market Milk	1,702,547	Gallons	1,342,140.00
Dairy Products	503,857	Pounds	200,952.00
Dairy Products	314,660	Gallons	289,607.00
Pasturage	180,233	Head	1,020,699.00
Poultry	16,248	Dozen	199,537.00
Turkeys	1,100	Head	5,775.00
Bees	19,000	Colonies	228,000.00
Bee Wax	25,400	Pounds	10,668.00
Eggs	9,624	Cases	176,119.00
		Total...	<u>\$ 27,224,579.00</u>

MISC. ITEMS

Fertilizer	1,026	Carloads	89,775.00
Mineral Products	10,645	"	7,103,730.00
Dry Ice	8,150	Tons	260,800.00
Ice	293,000	"	1,274,550.00
		Total...	<u>\$ 8,728,855.00</u>

SEED AND CUT FLOWERS

Cut Flowers			\$ 36,000.00
Flower Seed	2,100	Pounds	4,000.00
Lettuce Seed	9,400	"	10,000.00
Onion Seed	41,000	"	41,000.00
Alfalfa Seed	3,000,000	"	750,000.00
Clover Seed	300,000	"	30,000.00
Sesbania Seed	100,000	"	8,000.00
Vegetable Seed	34,000	"	15,000.00
Barley Seed	5,600,000	"	280,000.00
Wheat Seed	113,890	"	6,833.00
Flax Seed	1,485,000	"	222,750.00
Castor Bean Seed	9,122,951	"	109,475.00
		Total...	\$ 1,513,058.00

Soil Improvement Payments                      Total...      \$    241,000.00

R E C A P I T U L A T I O N

Field Crops	\$ 51,126,223.00
Fruit and Nuts	1,303,746.00
Sugar	4,911,464.00
Vegetables	20,793,078.00
Truck Crops	9,640,467.00
Animal Industries	27,224,579.00
Misc. Items	8,728,855.00
Seed and Cut Flowers	1,513,058.00
Soil Improvement Payments	241,000.00
GRAND TOTAL...	\$ 125,482,470.00

A C R E A G E 1951

Field Crops	344,052 Acres
Permanent Crops	3,933 "
Vegetable Crops	43,729 "

\*\*\*\*\*

Area In Irrigated District	612,658 "
1942 Inclusion	272,330 "
Gross Area of District	884,990 "

\*\*\*\*\*

Number of Farms	4,800 Farms
Average Area per Farm	105 Acres

\*\*\*\*\*

A S S E S S E D V A L U A T I O N

-1910-	-1951-
\$12,148,180.00	\$ 56,144,189.00

\*\*\*\*\*

C R O P A N D L I V E S T O C K V A L U E S

-1941-	-1951-
\$34,274,603.00	\$ 125,482,470.00

The total valuations as listed in the 1951 Agricultural Report indicate an increase over 1950. Markets were generally stronger on most farm produce and livestock. The greatest increases were in grains and alfalfa prices due to the general shortage of feed.

Sheep and cattle pasturage and the increased number of feed yards in the County were material factors in maintaining high level values for alfalfa and grains.

Production of alfalfa meal decreased slightly from last year's shipments. Heavy demand for hay and pasturage decreased the acreage of alfalfa available for dehydrating.

Alfalfa seed production amounted to 3,000,000 lbs. - a 75% decrease from the 1950 harvest.

Flax yields were satisfactory from a slightly decreased acreage.

Shipments and returns from truck crops fell far below those of 1950. Average prices in most instances were higher but acreage and production were lower.

Cotton as a major crop was again added to the list of Imperial County products. Approximately 40,000 acres were planted and yields were generally up to expectations, with 4 new gins installed. Anticipated acreage for the 1952 crop is placed at 90,000 acres. It is expected that 10 additional gins and 2 oil mills will be necessary to handle the 1952 acreage.

#### - PEST CONTROL -

Insect pests affecting truck and vegetable crops required less control this year than last. Alfalfa, cotton and sugar beets required more attention. Approximately 148,674 acres of crops were treated - some acreage requiring two to three applications of pesticide. The total amount of materials as shown from permits issued by the County Agricultural Department was 3,716,850 lbs.

Severe infestations of grasshoppers and crickets in scattered areas in the County were treated with poison bait. Results from the use of chlordane, oil and flake bran were highly satisfactory. Application at the rate of 10 lbs. per

acre by airplane were most effective. Bran for this material was furnished by the Federal Government with mixing and distribution by the County Agricultural Department.

- HIGHWAY TRUCK CHECKING STATIONS -

Three inspection and checking stations, one on Highway 99, one on Highway 80 and one on Highway 111 west of Niland are manned and operated by the Agricultural Department. These stations are operated twenty-four hours per day throughout the year and have proved to be of great value in checking produce moving to markets. Records of trucks have also proven to be of value in checking of stolen property by law enforcing agencies.

- PREDATORY ANIMAL CONTROL -

A cooperative arrangement for predatory animal control between the State and Federal Department and Imperial County has been very beneficial to livestock and poultry raisers in the County. Trappers work in this area late in the Fall and early Spring of each year when coyotes are a serious menace to sheep during the lambing period.

- WEIGHTS AND MEASURES -

The County Agricultural Commissioner is also Sealer of Weights and Measures in Imperial County. This work is carried on by personnel from the Agricultural Department. Great tonnage of produce moving by truck from this area makes necessary regular testing of all heavy duty scales. This has been greatly augmented by the cooperation of the State Bureau's heavy duty trucks and personnel. Light scales, pumps and meters are checked by County Deputies throughout the year.

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