

FIFTH
Poultry Management Study



UNIVERSITY OF CALIFORNIA
Agricultural Extension Service
Placer County

Placer County Poultry
Management Study - 1954

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Rate of Prod. During Fall	% Fall Hens of Av.	% Pullets	Value per Dozen		
			Price	Cost	Mat. Income
57	126	89	37.2	26.9	10.3
57	108	80	36.7	31.7	5.0
66	114	90	37.6	34.9	2.7
61	119	100	37.9	36.2	1.7
66	122	80	36.8	35.3	1.5
54	98	88	40.0	39.1	.9
66	102	94	36.8	36.4	.4
61	112	89	37.7	34.4	3.2
59	111	81	52.4	40.3	12.1
58	118	79	48.6	43.3	5.3
54	120	83	52.8	45.4	7.4
56	128	81	40.4	35.4	5.0

TABLE III. Analysis of Egg Production and Sales

PLACER POULTRY MANAGEMENT STUDY

Ranch No.	No. Eggs Per Hen	Market Eggs Sold			% Fall Eggs
		% Large	% Medium	% Small	
8	203	58	24	18	43
6	219	64	20	16	34
4	237	59	26	15	38
1	227	60	27	13	39
7	221	60	27	13	44
10	206	73	17	10	31
5	246	61	27	12	34
Av. All	223	62	24	14	38
1953	216	62	25	13	37
1952	212	61	26	13	39
1951	203	61	23	16	39
1950	224	58	27	15	40

This report summarizes the records of seven poultry operations in Placer County for the calendar year of 1954.

The purpose of this study is to indicate paying practices, point out problem areas, and to generally evaluate the poultrymans own records.

In reviewing these records special attention should be given to the amount of labor and feed used per hen, and the egg production per hen since these are important profit factors.

Placer County Poultry
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SUMMARY OF THE 5TH
PLACER COUNTY POULTRY MANAGEMENT STUDY

The major profit determining factors are summarized below

	<u>Range</u>	<u>Average</u>
No. hens per flock	1180-4038	2483
Eggs per hen	203- 246	223
Percent mortality	7- 18	13
Percent culled	89- 113	99
Pounds feed per hen	118- 153	135
Percent mash	56- 100	74
Price per cwt. mash	\$3.85-4.50	4.18
Price per cwt. grain	2.81-3.32	3.06
Hours labor per hen	.6- 1.5	1.0
Percent mortality chicks	6.9-18.5	10.8
Price per dozen eggs	36.7-40.0	37.7
Cost per dozen eggs	26.9-39.1	34.4
Net income per doz	.4-10.3	3.2

hen Est. for Hens	% Mash	Price per Cwt.			Hr. Labor per Hen	% Chix Died
		Mash	Grain	Average		
103	56	3.85	2.81	3.33	.6	10.8
105	64	4.31	2.89	3.80	.8	8.4
99	87	4.15	3.26	4.03	1.3	13.9
107	65	4.22	3.17	3.85	1.0	8.0
88	57	4.20	3.32	3.82	1.5	6.9
100	100	4.01	-	4.01	.8	8.9
122	92	4.50	2.92	4.38	1.2	18.5
	74	4.18	3.06	3.89	1.0	10.8
	69	4.65	3.72	4.37	1.1	10.0
	67	5.22	3.85	4.76	1.3	9.0
	61	4.71	3.40	4.20	1.9	7.0
	61	4.13	2.67	3.57	1.9	7.0

TABLE II. Flock Statistics and Production Factors

Ranch No.	Av. No. Hens	Laying Flock			Price per Cull Hen Sold	Pounds Feed per	
		% Died	% Culled	% Added		Total	Est. for Pullets
8	4038	18	95	156	.48	147	44
6	2248	7	96	92	.54	129	24
4	2157	16	110	136	.50	133	34
1	2905	13	89	124	.52	138	31
7	1180	15	96	119	.75	118	30
10	3048	14	95	107	.50	127	27
5	1807	7	113	119	.51	153	31
Av. All	2483	13	99	122	.54	135	
1953	1821	17	85	111	.72	129	
1952	1640	14	78	114	-	135	
1951	-	17	78	-	-	134	
1950	934	20	73	-	-	134	

Placer County Poultry Management Study - 1954

Income per hen	Range	Average
Eggs sales	6.88- 8.38	7.50
Poultry sales	.43- .74	.54
Manure	.00- .20	.08
Change stock Inv.	-.45- 1.83	.70
Total	7.23-10.11	8.58
Cash and depreciation cost		
Feed	4.56- 6.74	5.30
Chicks	.27- .96	.60
Misc.	.38- .89	.53
Depreciation	.12- .42	.24
Hired labor	.00- .44	.12
Total	5.75- 8.53	6.86
Farm Income	1.09- 2.71	1.78
Family labor	.58- 1.59	.94
Interest	.17- .27	.22
Management Income	.10- 1.90	.62

Placer County Poultry
Management Study - 1954

TABLE I. Income and Expense per Hen

Ranch No.	Income per Hen					Cash and Depreciation Cost						Farm Income	Non-cash Cost		Management Income
	Egg Sales	Poultry Sales	Manure	Change St. Inv	Total	Feed	Chick	Misc	Deprec.	Hired Labor	Total		Family Labor	Interest	
8	6.88	.43	.16	1.83	9.30	5.06	.95	.38	.20	-	6.99	2.71	.58	.23	1.90
6	7.29	.51	-	.30	8.10	4.95	.46	.51	.17	.20	6.29	1.81	.62	.19	1.00
4	7.96	.57	.20	.05	8.68	5.37	.63	.38	.22	.05	6.65	2.03	1.23	.23	.57
1	7.54	.47	.04	.82	8.87	5.37	.65	.89	.35	.44	7.70	1.17	.58	.25	.34
7	7.35	.74	.05	.34	7.80	4.56	.31	.76	.12	-	5.75	2.05	1.59	.17	.29
10	7.10	.48	.10	.45	7.23	5.10	.27	.40	.21	.16	6.14	1.09	.74	.19	.16
5	8.38	.59	.03	1.11	10.11	6.74	.96	.41	.42	-	8.53	1.58	1.21	.27	.10
Av. All	7.50	.54	.08	.46	8.58	5.30	.60	.53	.24	.12	6.86	1.78	.94	.22	.62
1953	9.58	.61	.07	.29	10.55	5.69	.52	.51	.25	.05	7.02	3.53	1.11	.22	2.20
1952	8.93	.55	.28	.50	10.26	6.49	.55	.42	.31	.02	7.79	2.47	1.28	.23	.96
1951	8.96	.67	.36	.50	10.49	5.69	.56	.49	.37	.02	7.13	3.36	1.83	.27	1.26
1950	7.63	.57	.28	.39	8.82	4.82	.55	.47	.32	.04	6.20	2.62	1.46	.22	.94