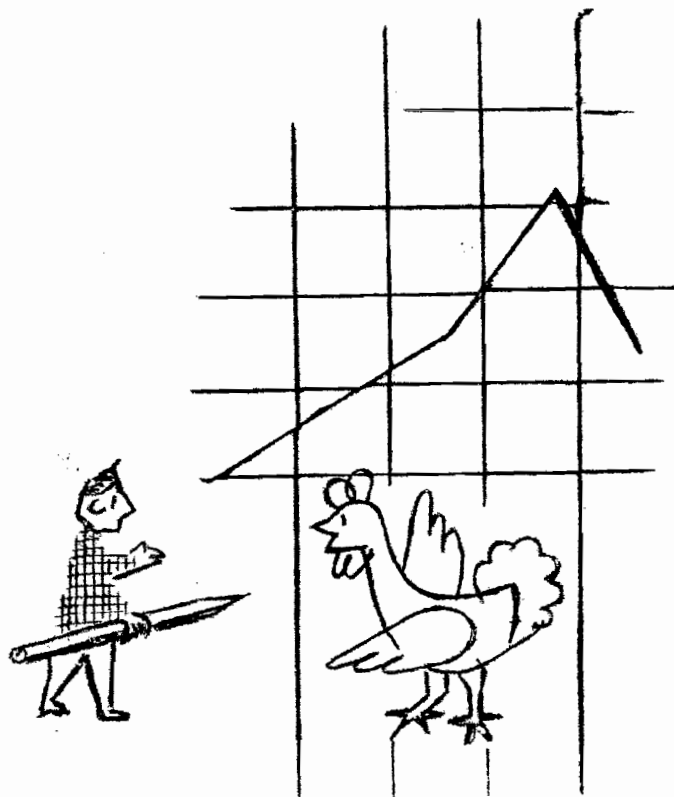


TULARE COUNTY

MARCH 1961

1960

POULTRY MANAGEMENT
STUDY



UNIVERSITY OF CALIFORNIA AGRICULTURAL EXTENSION SERVICE

This study would not have been possible without the interested poultrymen who co-operated by sending in their monthly reports.

My sincere thanks to those individuals, not only because they have helped themselves, but because they have helped others through the publishing of this report.

Edward E. Shepard

TABLE OF CONTENTS

	Definitions of terms used	Page 1
I.	Cost and income comparisons on a hen basis -- not ranked.	Page 2
II.	Replacement comparisons on a laying flock basis -- not ranked	Page 3
III.	Feed consumption and production per hen comparisons -- ranked according to production per hen.	Page 4
IV.	Expenses per hen comparisons -- ranked according to costs (see definitions).	Page 5
V.	Cost per dozen -- ranked from lowest to highest costs (see definitions)	Page 6
VI.	Distribution of egg size.	Page 7

DEFINITIONS OF TERMS USED

- Cost of Feed/cwt - Value of all feed purchased divided by total quantity purchased.
- Price received per dozen - Value of all eggs sold divided by total dozens sold.
- Hen Days - Sum of the total hens (over 24 weeks of age) on hand each day.
- Average number hens - Total hen days for the year divided by total number of days in the year.
- Per cent losses & additions - Total losses and total additions in numbers of hens to laying flock divided by average number of hens for the year.
- Chick Loss - Total chicks purchased minus total pullets added to the flock at 24 weeks of age.
- Feed Conversion - The pounds of feed used to produce a dozen eggs.
- Eggs per Hen - Total eggs laid divided by average number of layers for the year.

I. COST AND INCOME COMPARISONS

NO RANKING

Ranch Number	Price Received Per Cull \$	Cost Per Chick \$	Cost Started Pullet \$	Cost Feed Cwt. \$	Price Received Doz. Eggs \$
1	41¢	35¢	\$1.44	\$3.38	34.3¢
2	45	37		3.64	33.5
5	33	36		3.61	34.4
7	41	36		3.58	33.5
8	29	30		3.36	36.5
9	36	49		3.02	34.8
11	31	32	1.44	3.17	34.9
16	35	36	1.55	3.38	34.3
17	32	39	1.43	3.50	38.0
18	36	34		3.04	34.1
19	31	34	1.51	3.60	33.3
20				3.62	
22	42	34		3.09	33.8
Avg. 1960	36.0¢	36.0¢	\$1.47	\$3.40	34.4¢
Avg. 1959	32.5	37.8	1.50	3.51	31.4

II. REPLACEMENT COMPARISONS OF LAYING FLOCKS

NO RANKING

Ranch Number	Average No. Hens	% Died	% Culled	% Added	Error	% Change	% Chick Loss
1	4556	8.4	78.3	77.5	1.6	- 7.6	12.2
2	2640	12.8	96.5	142.0	0.9	+31.7	2.2
5	2670	13.4	84.7	95.4	0.9	- 3.6	4.9
7	10359	19.3	70.1	55.0		-34.4	9.4
8	4934	21.3	89.0	92.4	11.4	- 6.5	17.4
9	2919	18.3	42.7	44.2	0.1	-16.7	10.6
11	6457	21.6	21.6	81.3	0.5	+38.7	5.1
16	6382	15.1	40.0	121.7		+66.7	4.3
17	5091	11.6	62.1	94.6	0.1	+21.0	7.7
18	6943	6.7	72.0	91.0		+12.3	2.6
19	13582	3.8	67.8	99.4		+27.8	8.0
20	42571	18.0	69.3	95.6	1.0	+ 9.3	11.4
22	3068	10.0	77.1	154.6		+67.5	7.0
Avg. 1960	8629	14.8	66.4	93.2		+12.0	8.9
Avg. 1959	4084	14.9	80.4	98.4		+ 3.0	6.0

III. FEED CONSUMPTION AND PRODUCTION PER HEN RANKED ACCORDING TO PRODUCTION

Ranch Number	Feed Consumption			Feed Con- version	Eggs Per Hen
	Total	Young	Hens		
18	111	20	91	4.0	270
2	122	27	95	4.5	252
1	112	17	95	4.7	243
5	115	21	94	4.4	238
16	104	13	91	4.7	234
7	107	12	95	4.9	230
9	111	10	101	5.3	230
19	104	21	83	4.4	227
11*	96	14	82	4.5	220
22	133	34	99	5.4	218
20	108	20	88	4.9	216
17	104	19	85	4.9	209
8	112	20	92	6.3	174
Avg. 1960	108	19	89	4.8	224
Avg. 1959	114	21	93	4.8	231

* Force molted three groups
of older birds.

IV. EXPENSES PER HEN

TULARE COUNTY — 1960

RANKED FROM LOWEST TO HIGHEST COSTS

Ranch Number	Cash Costs & Depreciation Per Hen					Total Cash Costs
	Total Feed Costs	Chicks Bought	Misc.	Hired Labor	Depreciation	
11	3.10	.62	.21	.03	.20	4.16
9	3.42	.49	.10	.05	.21	4.27
18	3.43	.32	.46		.36	4.57
7	3.85	.30	.26	.31	.15	4.87
16	3.53	.64	.39	.09	.35	5.00
19	3.74	.47	.17	.54	.16	5.08
1	3.81	.58	.20	.33	.17	5.09
5	4.21	.43	.25		.22	5.12
17	3.69	.59	.76	.08	.19	5.31
22	4.12	.27	.41	.30*	.23*	5.33
2	4.50	.26	.37	.08	.39	5.60
8	3.80	.38	.90	.67	.15	5.90
20						
Avg. 1960	3.70	.45	.35	.30	.23	5.03
Avg. 1959	4.07	.42	.40	.22	.25	5.36

* Average used because flock was not in production until May 1960 - not at full capacity until October 1960 (beginning ranch).

V. CASH COSTS PER DOZEN

RANKED FROM LOWEST TO HIGHEST COSTS

Ranch Number	Costs Per Dozen					
	Feed	Replacement	Misc.	Hired Labor	Depreciation	Total
18	15.3	1.4	2.0		1.6	20.3
11	16.7	3.4	1.1	.2	1.0	22.4
9	17.9	2.6	.5	.3	1.1	22.4
1	19.1	2.9	1.0	1.7	.8	25.5
16	18.3	3.3	2.1	.4	1.8	25.9
5	21.5	2.2	1.3		1.1	26.2
7	20.9	1.6	1.4	1.7	.8	26.4
19	19.5	2.5	.9	2.8	.8	26.5
2	22.0	1.3	1.8	.4	1.9	27.4
22	24.4	1.6	2.4	1.5*	1.2*	31.1
17	21.8	3.5	4.5	.5	1.2	31.5
8	26.0	2.6	6.2	4.6	1.0	40.4
20						
Avg. 1960	19.6	2.4	1.9	1.5	1.2	26.6
Avg. 1959	21.2	2.1	2.1	1.2	1.3	27.9

* Average used because flock was not in production until May 1960 - not at full capacity until October 1960 (beginning ranch).

VI. DISTRIBUTION OF EGG SIZE

NO RANKING

Ranch Number	Per Cent Sold				Per Cent Retail	Avg. Price Dozen
	Large	Medium	Small	Comm.		
1					2	34.3
2	65	25	6	4	1	33.5
5	71	22	6	1	3	34.4
7	66	12	6	16	3	33.5
8	62	21	7	10	71	36.5
9					7	34.8
11					1	34.9
16	51	39	8	2	25	34.3
17					40	38.0
18	67	27	5	1	2	34.1
19					1	33.3
20						
22					9	33.8
Avg. 1960	64	24	6	6	14	34.4
Avg. 1959						31.4