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H O U S I N G   M E T H O D S   C O M P A R E D

1958 POULTRY EGG COST STUDY

SAN DIEGO COUNTY POULTRYMEN COOPERATING

Prepared by Robert H. Adolph, Farm Advisor

The following is presented for evaluation of results according to method of housing. The single cage group refers mostly to the 8" x 18" cage type housing with one bird to a cage. The multiple cage group refers to the housing of 2 to 6 birds per cage. Size of cage varies. The usual rate is 2 or 3 birds in a 12" x 18", 3 or 4 birds in a 16" x 18" cage, and 5 or 6 birds in a 24" x 18" cage. The wire pen group consists of layers being kept in wire pens. The most common wire pen housing consisted of pens 2½' x 6', 4' x 5', and 6' x 16'. Housing space per bird is between ¾ to 1 square foot per bird.

<u>PRODUCTION AND EGG SALES</u>	<u>1958</u> <u>STUDY</u> <u>AVERAGE</u>	<u>1958</u> <u>Single</u> <u>Cage</u>	<u>1958</u> <u>Wire</u> <u>Pens</u>	<u>1958</u> <u>Multiple</u> <u>Cages</u>
Average Rate of Lay	66%	67%	65%	66%
Number Eggs Produced per Average Hen	239	246	236	240
Per Cent of Eggs Sold Large and Extra Large	68%	75%	65%	67%
Price Received per Dozen Eggs Sold	37.0¢	37.4¢	37.5¢	37.5¢
Dozen Sold per Average Layer	19.8	20.3	19.4	19.8
Net Cost of Producing a Dozen Eggs	28.3	29.9	28.0	27.0

<u>LAYING FLOCK DATA</u>	<u>Per Cent</u>	<u>Per Cent</u>	<u>Per Cent</u>	<u>Per Cent</u>
Average Per Cent of Pullets 5½ to 18 months in Flock during Study Year	84	88	82	84
Average Per Cent of Hens over 18 months in Flock during Study Year	16	12	18	16
Per cent of Average Flock during Study Year				
Died	14	12	16	14
Culled	79	88	75	74
Added	105	103	91	88
Net Replacement Rate	99	102	98	96
<u>AVERAGE FLOCK SIZE</u>	6426	8136	8632	5883
<u>NUMBER OF RECORDS</u>	42	7	8	20

<u>INCOME AND COSTS PER AVERAGE LAYER ON HAND</u>	1958 STUDY AVE. DOLLARS	1958 Single Cage PER HEN	1958 Wire Pens	1958 Multiple Cages
EGG INCOME	\$ 7.32	\$ 7.61	\$ 7.26	\$ 7.25
Operational Costs	5.28	5.67	5.11	5.00
Less By-Product Credits	.61	.52	.57	.57
NET OPERATIONAL COSTS	4.67	5.15	4.54	4.43
EQUALS FARM INCOME	2.65	2.46	2.72	2.82
LESS OVERHEAD AND FAMILY LABOR COSTS	.92	.93	.88	.92
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EQUALS MANAGEMENT INCOME	1.73	1.53	1.84	1.90
OPERATIONAL COSTS INCLUDE				
Feed including Replacements per Hen	3.80	4.18	3.57	3.76
Total Cost of Chicks per Average Hen	.48	.55	.46	.42
Supplies, Taxes, and Services per Hen	.52	.47	.49	.39
Hired Labor per Hen	.48	.47	.59	.43
BY-PRODUCT CREDITS INCLUDE:				
Cull Sales per Hen	.34	.37	.32	.32
Increase in Inventory Value	.27	.15	.25	.25
OVERHEAD COSTS INCLUDE:				
Depreciation	.29	.33	.30	.26
Interest	.25	.27	.24	.24
Family Labor	.38	.33	.34	.42
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CHICKS				
Costs per Each	.40	.43	.40	.38
% Loss of Chicks includes Extras	10%	13%	9%	7%
AVERAGE PRICE RECEIVED PER CULL SOLD	\$ .46	.44	.43	.43
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FEED INCLUDES REPLACEMENTS				
Pounds per Hen	115	126	110	113
Dollar Cost per 100 Pounds	\$ 3.31	3.32	3.26	3.32
Cents Cost per Dozen Sold	19.3¢	20.6¢	18.4¢	18.9¢
Pounds per Dozen Eggs Sold	5.8	6.2	5.7	5.7
ALL LABOR - HIRED AND FAMILY LABOR				
Hours per Average Layer	.78	.80	.80	.78
Dollar Cost Labor per Hen	.86	.80	.93	.85