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## Flock Record Summary

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FLOCK RECORD SUMMARY

Phillip E. Plumart<sup>1</sup>

A computerized flock record keeping system has been developed at State University. A report is computed and published monthly from data received from about 60 flockowners. The records of those flocks completing their laying cycle during the calendar years of 1968, 1969, and 1970 and through June of 1971 are summarized in Table 1.

During this 3½ year period, it may be noted that the average laying cycle increased from 12.96 to 13.87 months, and then dropped to 13.25 months in 1971, the average number of hens housed increased from 5,869 to 7,789 and the percent depletion increased from 1.03 to 1.25 then dropped to 1.08 per month in 1971. The percent hen day and hen housed production dropped slightly, from 65.1 to 63.3 and from 60.6 to 58.7, respectively.

The percentage of eggs sold as Grade A large dropped slightly from 68.80 to 66.43, whereas the total eggs sold as Grade A remained stable at about 86%. Due to a great change in egg prices, the average income per dozen eggs sold rose from 25.49 cents for those closing in 1968 to 34.74 cents for those flocks closing in 1970, and then dropped to 28.73 cents for those closing in 1971, whereas the feed cost per dozen fluctuated around 14.1 cents. Therefore, the average income per hen housed over feed cost rose from \$2.17 for those closing in 1968 to \$4.21 for those closing in 1970 but dropped to \$2.67 for those closing in 1971. The average gross egg income similarly rose from \$29,617 per flock closing in 1968 to \$51,797 for those closing in 1970 and dropped to \$42,864 in 1971.

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TABLE 1. SOUTH DAKOTA LAYING FLOCK RECORD PROGRAM SUMMARY,  
AVERAGES FOR FLOCKS CLOSED DURING 1968, 1969, 1970, 1971

DAYS FROM 20 WKS.	NO. OF HENS HOUSED (HH)	PCT. DEPL.	PCT. HEN DAY PROD. (HD)	EGGS PER HEN (HD)	PCT. HH PROD.	EGGS PER HEN (HH)	LBS. FEED PER DOZ.
<u>25 Flocks Closed During 1968</u>							
394	5,869	13.4	65.1	258.9	60.6	241.6	4.41
<u>40 Flocks Closed During 1969</u>							
415	5,990	15.3	64.4	268.2	59.4	247.6	4.43
<u>45 Flocks Closed During 1970</u>							
422	7,312	17.3	64.1	274.6	58.6	250.8	4.21
<u>18 Flocks Closed Thru June 1971</u>							
403	7,789	14.3	63.3	250.3	58.7	232.4	4.33

PCT. A LG.	PCT. A MED.	PCT. A SM.	PCT. TOTAL GRADE A	AVG. INCOME PER DZ. SOLD (CENTS)	FEED COST PER DOZEN (CENTS)	INCOME PER HH OVER FEED COST(\$)	FEED COST PER TON (\$)	GROSS INCOME FOR PERIOD (\$)
<u>25 Flocks Closed During 1968</u>								
68.80	15.79	2.46	87.05	25.49	14.23	2.17	64.58	29,617
<u>40 Flocks Closed During 1969</u>								
65.35	18.06	3.07	86.48	30.91	14.14	3.33	63.78	37,493
<u>25 Flocks Closed During 1970</u>								
63.92	18.54	3.17	85.63	34.74	13.73	4.21	63.80	51,797
<u>18 Flocks Closed Thru June 1971</u>								
66.43	16.63	2.61	85.68	28.73	14.57	2.67	67.31	42,864