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Numerical Results of the Field Experiments 1970

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70/R/CS/25 Insecticides and Molluscicides - Old Grass

Rothamsted Research

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INSECTICIDES AND MOLLUSCICIDES

(70/R/CS/25)

Old grass, Road Piece 1970, the third year.

For treatments and previous years' results see 'Results' 68/C/17 and 69/R/CS/25.

Area of each plot: 0.0209. Area harvested: 0.0054.

Basal applications: 448 lb (0:14:28) in winter, 390 lb (25:0:16) in spring and 200 lb (25:0:16) after each cut except the last.

Cultivations, etc.: PK applied: 23 Oct, 1969. NK applied: 17 Mar, 1970. Cut 3 times: 2 June, 3 Aug, 1 Oct. NK applied after first 2 cuts. Insecticides and molluscicides applied: BHC: Not applied in 1970.

Chlorbenside, Metaldehyde, Menazon: Applied 27 Jan, 23 Mar, 20 Apr, 19 May, 17 June, 22 July, 17 Aug, 4 Sept.

NOTE: Samples were taken for botanical analysis. Samples for fauna were taken throughout the year.

Standard errors per plot. Dry matter, cwt:

1st cut:	2.30 or 5.9% (18 d.f.)
2nd cut:	1.47 or 26.1% (18 d.f.)
3rd cut:	1.91 or 13.7% (18 d.f.)
Total of 3 cuts:	4.63 or 7.9% (18 d.f.)

70/R/CS/25

SUMMARY OF RESULTS

DRY MATTER: CWT

O	S	B*	C	M	P	BCMP	Mean
1ST CUT							
(±1.15)							
39.3	37.7	40.4	38.4	37.9	39.3	40.0	39.0
2ND CUT							
(±0.74)							
5.2	5.7	6.2	5.3	4.5	6.3	6.2	5.6
3RD CUT							
(±0.96)							
13.1	15.0	16.1	13.3	12.5	14.3	13.6	14.0
TOTAL OF 3 CUTS							
(±2.32)							
57.6	58.4	62.7	57.0	55.0	60.0	59.8	58.6
Mean D.M. %:							
1st cut:			22.1				
2nd cut:			28.4				
3rd cut:			23.2				
Total of 3 cuts:			24.6				

* Applied 1969