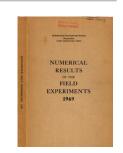
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readible, or you suspect there are some problems, please let us know and we will correct that.



# Numerical Results of the Field Experiments 1969



Full Table of Content

# 69/R/CS/25 - Insecticides & Molluscicides - Old Grass

### **Rothamsted Research**

Rothamsted Research (1970) 69/R/CS/25 - Insecticides & Molluscicides - Old Grass; Numerical Results Of The Field Experiments 1969, pp 188 - 189 - **DOI**:

https://doi.org/10.23637/ERADOC-1-96

188

#### INSECTICIDES AND MOLLUSCICIDES

# (69/R/CS/25)

Old Grass, Road Piece 1969, the second year. For previous year's results see 'Results' 68/C/17.

Design: 4 randomised blocks of 7 plots.

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

1	Preatments: Untreated, no sampling Untreated, sampled	(D) (S)
	BHC spray at 6 lb in 200 gals applied in 1968 only	
	none in 1969 Chlorbenside spray at 19 oz in 200 gals (applied 5 times,	(B)
	starting after the first cut)	(C)
	Metaldehyde bait at 1 lb a.i. (applied 6 times, starting after the first cut)	(M)
	Menazon spray at 6 oz in 200 gals (applied 5 times, starting after the first cut) Combined treatments	(P) (BCMP)

- Basal applications: 4 cwt (0:14:28) in winter, 3.5 cwt (25:0:16) in spring and 200 lb after each cut except the last.
- Cultivations, etc.: Basal PK applied: 14 Nov, 1968. Basal NK applied: 5 Mar, 1969. Cut 3 times: 4 June, 17 July, 18 Sept. NK compound applied after first 2 cuts. Insecticides and molluscicides applied: BHC: 6 June, 1968. Chlorbenside: 12 June, 1969, 15 July, 11 Aug, 11 Sept, 12 Oct. Metaldehyde: 13 June, 15 July, 11 Aug, 11 Sept, 12 Oct, 19 Nov. Menazon: 11 June, 24 July, 11 Aug, 11 Sept, 12 Oct.
- NOTE: Samples were taken for botanical analysis. Samples for fauna were taken throughout the year. All plots except treatment (0) were sampled as treatment (S).

```
Standard errors per plot. Dry matter, cwt:

1st cut:
2.31 or 6.0% (18 d.f.)
2nd cut:
1.58 or 10.2% (18 d.f.)
3rd cut:
1.25 or 8.9% (18 d.f.)
Total of 3 cuts:
2.81 or 4.1% (18 d.f.)
```

189

# SUMMARY OF RESULTS

## DRY MATTER, CWT

0	S	В	С	М	P	BCMP	Mean
			1ST C	UT	44.19		
			(±1.16)				
38.1	36.2	41.4	38.1	39.1	39.4	38.5	38.7
			2ND C	UT			
			(±0.79)				
13.7	15.4	14.8	14.2	16.2	15.4	17.9	15.4
			3RD	CUT			
			(±0.62)				
13.7	14.8	14.5	13.9	13.3	14.1	13.7	14.0
		TO	TAL OF 3	CUIS			
			(±1.40)				
65.5	66.3	70.7	66.2	68.6	69.0	70.1	68.0
Mean D.	3rd	t cut: l cut: l cut: tal of 3	19	.3			