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RESEARCH

Numerical Results of the Field Experiments 1968

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68/C/43 Saxmundham N and Cutting - Grass

Rothamsted Research

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68/C/43.1

GRASS

(SAX/G/1)

N and cutting, Saxmundham Grove Plot 1968, the second year. For treatments etc. and for the previous year's results see 'Results' 67/C/47.

Design: 4 randomised blocks of 9 plots.

Area of each plot: 0.0018. Area harvested: 0.0012.

Treatments:- (N as 'Nitro-Chalk')

	Total N (cwt)	No. of N dressings	No. of cuts
1	0.0	0	3
2	1.0	2	3
3	2.0	2	3
4	3.0	2	3
5	4.0	2	3
6	2.0	4	5
7	4.0	4	5
8	2.0	2	5
9	4.0	2	5

Basal applications: 1.0 cwt P205, 2.0 cwt K20 as (0:10:20).

Cultivations, etc.: Basal PK applied: 29 Feb, 1968. N treatments applied: plots with 2 N dressings - 29 Feb, 28 May, plots with 4 N dressings: 29 Feb, 1 May, 28 May, 12 July. Cut plots with 3 cuts: 28 May, 16 Aug, 23 Oct, plots with 5 cuts: 1 May, 28 May, 12 July, 16 Aug, 23 Oct.

Standard error per plot. Dry matter:
Total of all cuts: 5.92 or 6.6% (24 d.f.)

68/c/43.2

SUMMARY OF RESULTS

DRY MATTER. TOTAL OF ALL CUTS

1	2	3	4	5	6	7	8	9	Mean
(±2.96)									
13.3	67.9	115.6	127.3	136.0	74.4	113.6	61.9	100.1	90.0

Mean D.M. %: 3 cut plots: 23.1
 5 cut plots: 19.4