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Yields of the Field Experiments 1967

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67/S/SAX/G/1/C/47 N and Cutting - Grass

Rothamsted Research

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67/C/47.1

GRASS

(SAX/G/1)

N and cutting, Saxmundham Grove Plot 1967, the first year.

Design: 4 randomised blocks of 9 plots.

Area of each plot: 0.0018. Area harvested: 0.0013.

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

	Total N (cwt)	No. of N dressings	No. of cuts
1	0.0	0	2
2	1.0	2	2
3	2.0	2	2
4	3.0	2	2
5	4.0	2	2
6	1.5	3	3
7	3.0	3	3
8	2.0	2	3
9	4.0	2	3

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

Seeds mixture lb per acre

S352 Early Timothy	95 lb
S215 Meadow Fescue	95 lb

Cultivations, etc.: Ploughed: Nov 29 - Dec 16, 1966. Basal PK applied: Mar 8, 1967. First N treatments applied, seed sown: Mar 22. 2nd and 3rd N treatments applied: June 28 and July 18. Cut plots with 2 cuts: July 18 and Sept 26, plots with 3 cuts: June 28, Aug 15, Sept 26. Previous crops: Barley 1965, fallow 1966.

Standard error per plot. Dry matter:

Total of all cuts: 3.80 or 7.0% (24 d.f.)

67/c/47.2

SUMMARY OF RESULTS

DRY MATTER. TOTAL OF ALL CUTS

1	2	3	4	5	6	7	8	9	Mean
24.1 49.2 57.2 61.9 67.6 48.6 61.7 51.4 64.7									54.0
(±1.90)									

Mean D.M. %: 2 cut plots: 26.0
3 cut plots: 20.7