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Numerical Results of the Field Experiments 1969

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69/R/CS/13 - N Levels to Old Grass - Old Grass (Park Grass Plot 6 Microplots)

Rothamsted Research

Rothamsted Research (1970) *69/R/CS/13 - N Levels to Old Grass - Old Grass (Park Grass Plot 6 Microplots)* ; Numerical Results Of The Field Experiments 1969, pp 143 - 144 - DOI:

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N LEVELS TO OLD GRASS

(69/R/CS/13)

Park Grass Plot 6, 1969, the fifth year

For details of treatments etc., and for previous years' results see 'Results' 65/C/33, 66/C/14, 67/C/10 and 68/C/8.

Area of each plot: 0.0045. Area harvested: Cuts 1 - 5, 0.0021.
Cut 6, 0.0012.

In 1969 all plots were cut six times, the N rates being applied to C6 plots in 6 equal amounts and to C3 plots in 3 equal amounts. The total rates, which are cumulative with previous applications, remain the same.

Cultivations, etc.: P, K, Na and Mg fertilisers applied: 21 Nov, 1968. 'Nitro-Chalk' applied: 7 Mar, 1969. S plots sprayed with mecoprop at 45 oz a.e. in 50 gals: 26 June. Cut six times: 12 May, 9 June, 8 July, 6 Aug, 9 Sept, 11 Nov. 'Nitro-Chalk' applied to C6 plots after first 5 cuts and to C3 plots on 9 June and 6 Aug.

Standard error per plot. Dry matter, cwt:
Total of all 6 cuts: 5.93 or 10.5% (27 d.f.)

SUMMARY OF RESULTS

DRY MATTER, CWT: TOTAL OF ALL CUTS

	NO	SNO	N1	N2	N3	Mean
			(±2.96)			(±1.33)
C3	51.1	21.2	60.4	74.7	77.9	57.1
C6	46.6	20.1	58.2	76.6	79.8	56.3
Mean (±2.10)	48.9	20.7	59.3	75.7	78.9	56.7

Mean D.M. %: 20.8