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Numerical Results of the Field Experiments 1968

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68/C/8 Park Grass Microplots - Plot 6

Rothamsted Research

Rothamsted Research (1970) *68/C/8 Park Grass Microplots - Plot 6* ; Numerical Results Of The Field Experiments 1968, pp 165 - 166 - DOI: <https://doi.org/10.23637/ERADOC-1-58>

68/c/8.1

PARK GRASS MICROPLOTS

(EPG 41 - 80)

Plot 6, 1968, the fourth year

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

Area of each plot: 0.0045. Area harvested: 0.0021.

In 1968 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: 18 Dec, 1967. Ground chalk applied at 3 tons: 28 Dec. 'Nitro-Chalk' applied: 18 Mar, 1968. S plots sprayed with mecoprop at 45 oz a.e. in 50 gals: 25 Apr and at 60 oz a.e. in 50 gals: 16 July. Cut six times: 8 May, 6 June, 4 July, 6 Aug, 11 Sept, 30 Oct. 'Nitro-Chalk' applied to C6 plots after first 5 cuts and to C3 plots on 7 June and 6 Aug.

Standard error per plot. Dry matter:
Total of all 6 cuts: 4.42 or 6.5% (27 d.f.)

68/c/8.2

SUMMARY OF RESULTS

DRY MATTER: TOTAL OF ALL CUTS

	NO	SNO	N1	N2	N3	Mean
			(±2.21)			(±0.99)
C3	53.3	25.1	63.6	84.0	96.3	64.5
C6	62.5	28.7	68.2	93.7	103.4	71.3
Mean (±1.56)	57.9	26.9	65.9	88.9	99.9	67.9

Mean D.M. %: 16.6