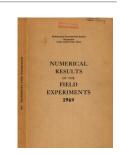
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readible, or you suspect there are some problems, please let us know and we will correct that.



Numerical Results of the Field Experiments 1969



Full Table of Content

69/R/CS/2 - Grazed Reference Plots - Old Grass

Rothamsted Research

Rothamsted Research (1970) 69/R/CS/2 - Grazed Reference Plots - Old Grass; Numerical Results Of The Field Experiments 1969, pp 129 - 130 - DOI: https://doi.org/10.23637/ERADOC-1-96

129

GRAZED REFERENCE PLOTS

(69/R/CS/2)

Highfield IX.

For details of previous years' results see 'Results' 65/B/2, 66/B/2, 67/B/2, 68/B/3.

Cultivations, etc.: P and K applied, ground chalk applied to appropriate plots: 20 Nov, 1968. First N dressing applied: 4 Mar, 1969. Sample cuts taken: 5 May, 26 June, 4 Sept, 29 Oct. Sampling cages moved after each cut. N dressings applied to all blocks after each cut except the last.

- NOTES: (1) Only two blocks were cut on each occasion the other two being grazed.
 - (2) The percentage of N, P and K in the dry grass were measured.
 - (3) Visual estimates were made of the percentage surface area covered by clover leaves.
 - (4) Soil samples were taken for determination of P, K and pH.

Standard errors per plot. Grass dry matter, cwt:
 lst cut: 2.60 or 26.6% (13 d.f.)
 2nd cut: 4.05 or 9.7% (13 d.f.)
 3rd cut: 2.68 or 7.0% (13 d.f.)
 4th cut: 2.72 or 26.7% (13 d.f.)

130

SUMMARY OF RESULTS

GRASS: DRY MATTER: CWT

	1st cut	2nd cut	3rd cut	4th cut	Total of 4 cuts
PK	(±1.84)	(±2.86)	(±1.89)	(+1.92)	MATERIA SALE
NO 00 N1 00 A1 00 N0 10 N1 10 A1 10 N0 01 N1 01 A1 01 N0 11 N1 11 A1 11 N2 11 A2 11	7.5 6.5 9.2 8.4 9.5 10.9 6.7 13.1 8.5 11.6 12.0 13.7 8.9	32.5 38.5 42.4 33.6 46.8 45.6 32.2 42.8 35.7 29.7 52.4 49.8 56.0 48.9	34.8 41.9 36.9 34.4 38.0 33.5 31.1 42.3 41.4 33.2 41.2 35.2 47.7 44.5	9.7 7.3 7.9 11.8 13.6 12.1 9.7 8.5 7.5 9.5 16.2 11.7 9.7 7.3	84.5 94.2 96.4 88.2 107.9 102.1 79.7 106.7 93.1 84.0 121.8 110.4 122.3 111.4
Mean	9.8	41.9	38.3	10.2	100.2

Mean D.M. %: 1st cut: 16.3
2nd cut: 20.0
3rd cut: 25.5
4th cut: 24.4
Total of 4 cuts: 21.6