

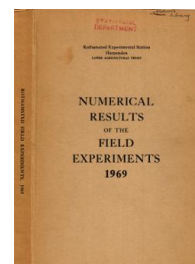
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Numerical Results of the Field Experiments 1969

[Full Table of Content](#)



69/W/CS/32 - IbdU - Ryegrass

Rothamsted Research

Rothamsted Research (1970) 69/W/CS/32 - IbdU - Ryegrass ; Numerical Results Of The Field Experiments 1969, pp 205 - 206 - DOI: <https://doi.org/10.23637/ERADOC-1-96>

GRASS

(69/W/CS/32)

The effect of granule size on the rate of release of N from IBDU (Iso-butyridene di-urea), Woburn Stackyard B, second year 1969.

For treatments and previous year's results see 'Results' 68/C/24.

Area of each plot: 0.0014. Area harvested: 0.0008.

Basal applications: 4 cwt (0:14:28).

Cultivations, etc.: Basal PK compound applied: 6 Mar, 1969. Cut twice: 20 May, 1 July.

NOTE: % N in grass was determined and N uptake calculated.

Standard errors per plot. Dry matter, cwt:

1st cut: 1.28 or 13.2% (34 d.f.)

2nd cut: 0.41 or 8.1% (34 d.f.)

Total of 2 cuts: 1.46 or 9.9% (34 d.f.)

SUMMARY OF RESULTS

DRY MATTER: CWT

	O	A	P	S	M	L	Mean
1ST CUT							
	(±0.74)						(±0.33)
N1		6.6	6.9	6.6	7.0	9.0	7.2
N2		7.2	8.2	7.6	10.3	16.0	9.8
N3		10.4	11.7	12.0	13.3	25.6	14.6
Mean (±0.43)	5.5	8.0	8.9	8.8	10.2	16.8	9.7*
2ND CUT							
	(±0.24)						(±0.11)
N1		4.9	4.6	5.1	5.1	5.1	4.9
N2		4.7	5.0	4.9	5.4	4.9	5.0
N3		5.2	5.3	5.4	5.2	6.3	5.5
Mean (±0.14)	4.6	4.9	5.0	5.1	5.2	5.4	5.0*
TOTAL OF 2 CUTS							
	(±0.84)						(±0.38)
N1		11.5	11.5	11.7	12.1	14.1	12.2
N2		11.8	13.2	12.5	15.6	20.9	14.8
N3		15.5	17.0	17.4	18.5	31.9	20.1
Mean (±0.49)	10.1	13.0	13.9	13.9	15.4	22.3	14.8*

* General mean

Mean D.M. %: 1st cut: 28.2
 2nd cut: 36.0
 Total of 2 cuts: 32.1