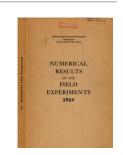
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Numerical Results of the Field Experiments 1969



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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

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GRASS

(69/W/cs/32)

The effect of granule size on the rate of realease of N from IBDU (Iso-butylidene 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: 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.

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SUMMARY OF RESULTS

DRY MATTER: CWT

	0	A	P	S	М	L	Mean
66/1J/VI			1ST CUT				41.1
	(±0;74)						(±0.33)
NI N2 N3		6.6 7.2 10.4	6.9 8.2 11.7	6.6 7.6 12.0	7.0 10.3 13.3	9.0 16.0 25.6	7.2 9.8 14.6
Mean (±0.43)	5.5	8.0	8.9	8.8	10.2	16.8	9.7*
		2	END CUT				
	1	(±0,24)					(±0.11)
N1 N2 N3		4.9 4.7 5.2	4.6 5.0 5.3	5.1 4.9 5.4	5.1 5.4 5.2	5.1 4.9 6.3	4.9 5.0 5.5
Mean (±0.14)	4.6	4.9	5.0	5.1	5.2	5.4	5.0*
		TOTAL	OF 2 CU	TS			
	1	(±0.84)					(±0.38)
N1 N2 N3		11.5 11.8 15.5	11.5 13.2 17.0	11.7 12.5 17.4	12.1 15.6 18.5	14.1 20.9 31.9	12.2 14.8 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