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Numerical Results of the Field Experiments 1968

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68/DB/1 Effects of Paths and Blank Rows - Barley

Rothamsted Research

Rothamsted Research (1970) *68/DB/1 Effects of Paths and Blank Rows - Barley* ; Numerical Results Of The Field Experiments 1968, pp 313 - 314 - DOI: <https://doi.org/10.23637/ERADOC-1-58>

68/Db/1.1

BARLEY

(RB 101)

Effects of paths and blank rows - West Barnfield I 1968.

Design: 4 randomised blocks of 8 plots.

Area of each plot: 0.0161. Area harvested: 0.0107.

Treatments: All combinations of:-

- | | |
|---|------|
| 1. Blank rows: None, 16 middle rows harvested | (R0) |
| 2 blank rows, 3(1) 16(1) 3 sown | (R1) |
| 4 blank rows, 2(2) 16(2) 2 sown | (R2) |
| 6 blank rows, 1(3) 16(3) 1 sown | (R3) |
| 2. N: 0.5 (N1), 1.0 (N2) cwt side placed as 'Nitro-Chalk. | |

Plots were of 24 rows each, 16 of which were harvested. (1) etc.
indicate number and position of blank (unsown) rows.

Basal applications: 280 lb (0:20:20) broadcast in the seedbed.

Weedkiller: Paraquat at 0.75 lb ion in 32 gals to stubble of
preceding crop.

Cultivations, etc.: Weedkiller applied: 6 Oct, 1967. Ploughed: 23 Oct.

Seed drilled at 145 lb, 'Nitro-Chalk' sideplaced, basal PK

applied: 29 Feb, 1968. Combine harvested: 21 Aug. Variety:

Maris Badger. Previous crops: Grass 1966, winter wheat 1967.

Standard error per plot.

Grain: 1.41 or 4.7% (21 d.f.)

68/Db/1.2

SUMMARY OF RESULTS

GRAIN (101 58)

	R0	R1	R2	R3	Mean
	(±0.71)				(±0.35)
N1	29.3	32.2	35.6	33.2	32.6
N2	26.8	27.2	28.8	29.4	28.0
Mean (±0.50)	28.1	29.7	32.2	31.3	30.3

Mean D.M. %: 81.7