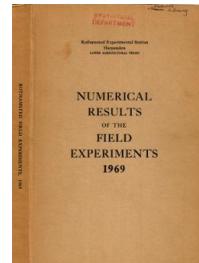


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# Numerical Results of the Field Experiments 1969

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## 69/R/B/5 - Paths & Blank Rows - Barley

### Rothamsted Research

Rothamsted Research (1970) *69/R/B/5 - Paths & Blank Rows - Barley ; Numerical Results Of The Field Experiments 1969*, pp 267 - 268 - DOI: <https://doi.org/10.23637/ERADOC-1-96>

BARLEY

(69/R/B/5)

Effects of paths and blank rows - Pastures 1969.

Design: 4 randomised blocks of 8 plots, randomisation restricted.

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 as 'Nitro-Chalk'.

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

Basal applications: 280 lb (0:20:20) combine drilled. Weedkillers:  
Paraquat at 0.5 lb ion in 25 gals, 2,4-D at 8 oz and dichlorprop  
at 32 oz in 20 gals.

Cultivations, etc.: Paraquat applied: 11 Oct, 1968. Ploughed:  
13 Nov. Seed drilled at 140 lb per sown acre: 28 Mar, 1969. 'Nitro-  
Chalk' applied: 10 Apr. 2,4-D/dichlorprop applied: 13 May. Combine  
harvested: 14 Aug. Variety: Zephyr. Previous crops: Potatoes  
1967, barley 1968.

Standard error per plot.

Grain, cwt: 1.19 or 2.6% (21 d.f.)

SUMMARY OF RESULTS

GRAIN:CWT

	R0	R1	R2	R3	Mean
	(±0.59)				
N1	45.3	47.6	48.7	50.2	48.0
N2	41.6	45.2	46.7	47.6	45.3
Mean (±0.42)	43.5	46.4	47.7	48.9	46.6

Mean D.M.%: 82.9