

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 1968

[Full Table of Content](#)



68/DA/9 Effects of Paths and Blank Rows - S. Wheat

Rothamsted Research

Rothamsted Research (1970) *68/DA/9 Effects of Paths and Blank Rows - S. Wheat* ; Numerical Results Of The Field Experiments 1968, pp 307 - 308 - DOI:

<https://doi.org/10.23637/ERADOC-1-58>

68/Da/9.1

SPRING WHEAT

(RW 701)

Effects of paths and blank rows - Little Hoos 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: 0.6 (N1), 1.2 (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 (0:14:28) broadcast in seedbed.

Weedkiller: Paraquat at 0.5 lb ion in 32 gals in winter.

Mecoprop/2,4-D (Methoxone Extra at 6 pints in 32 gals).

Cultivations, etc.: Ploughed: 5 - 18 Sept, 1967. Paraquat applied:
4 Dec. Seed drilled at 185 lb, 'Nitro-Chalk' side placed, basal
PK applied: 8 Mar, 1968. Mecoprop/2,4-D applied: 17 May. Combine
harvested: 5 Sept. Variety: Kolibri. Previous crops: Potatoes
1966, spring wheat 1967.

Standard error per plot.

Grain: 0.95 or 2.8% (21 d.f.)

68/De/9.2

SUMMARY OF RESULTS

GRAIN

	R0	R1	R2	R3	Mean
		(±0.47)			(±0.24)
N1	31.3	31.5	33.3	34.1	32.6
N2	31.9	34.7	36.0	36.5	34.8
Mean (±0.33)	31.6	33.1	34.7	35.3	33.7

Mean D.M. %: 78.6