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Numerical Results of the Field Experiments 1968

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

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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