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## Numerical Results of the Field Experiments 1969

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### 69/R/W/13 - Paths & Blank Rows - Spring Wheat

#### Rothamsted Research

Rothamsted Research (1970) *69/R/W/13 - Paths & Blank Rows - Spring Wheat* ; Numerical Results Of The Field Experiments 1969, pp 255 - 256 - DOI: <https://doi.org/10.23637/ERADOC-1-96>

SPRING WHEAT

(69/R/W/13)

Effects of paths and blank rows - Whittlocks 1969.

Design: 4 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: 0.6 (N1), 1.2 (N2) cwt as 'Nitro-Chalk', broadcast by drill.

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

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

Cultivations, etc.: Ploughed: 21 Nov, 1968. Seed drilled at 180 lb per sown acre: 2 Apr, 1969. 'Nitro-Chalk' applied: 10 Apr. Weedkiller applied: 22 May. Combine harvested: 3 Sept. Variety: Kolibri. Previous crops: Spring beans 1967, winter wheat 1968.

Standard error per plot.

Grain, cwt: 1.92 or 4.4% (21 d.f.)

SUMMARY OF RESULTS

GRAIN: CWT

|              | R0      | R1   | R2   | R3   | Mean    |
|--------------|---------|------|------|------|---------|
|              | (±0.96) |      |      |      | (±0.48) |
| N1           | 38.4    | 39.6 | 43.4 | 43.3 | 41.2    |
| N2           | 43.7    | 45.0 | 46.2 | 46.2 | 45.3    |
| Mean (±0.68) | 41.0    | 42.3 | 44.8 | 44.7 | 43.2    |

Mean D.M.%: 84.2