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Yields of the Field Experiments 1965

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65/R/RW401/DA/3 and 65/W/WW101/DA/3 Winter Wheat - Row Spacing

Rothamsted Research

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65/Da/1

WINTER WHEAT

(RW 301)

Varieties and nitrogen - Highfield Drive 1965.

Design: 4 randomised blocks of 6 plots each.

Area of each plot: 0.0145. Area harvested: 0.0094.

Treatments. All combinations of:-

1. Varieties: Cappelle (C), Rothwell Perdix (R).
2. Nitrogen: 0.5 (N1), 0.75 (N2), 1.00 (N3) cwt N as 'Nitro-Chalk'.

Basal applications: 280 lb (6: 15: 15) combine drilled
Mecoprop/2,4-D (Methoxone Extra at 7 pints in 40 gals).

Cultivations, etc.: Ploughed: Oct 16, 1964. Seed drilled at
175 lb: Oct 22. 'Nitro-Chalk' applied: Apr 13, 1965.
Sprayed: Apr 30. Combine harvested: Aug 26. Previous
crops: Winter wheat 1963, barley 1964.

NOTE: All plots were severely damaged by birds shortly
before harvest.

Standard error per plot.

Grain: 3.27 or 14.1% (15 d.f.)

SUMMARY OF RESULTS

	GRAIN			Mean
	N1	N2	N3	
		(±1.63)		(±0.94)
C	22.5	24.1	23.9	23.5
R	22.5	22.6	23.4	22.8
Mean (±1.16)	22.5	23.3	23.6	23.2

Mean D.M. %: 75.2