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Yields of the Field Experiments 1964

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64/R/RW601/DA/5 Spring Wheat - Date of Sowing and N

Rothamsted Research

Rothamsted Research (1965) *64/R/RW601/DA/5 Spring Wheat - Date of Sowing and N* ; Yields Of The Field Experiments 1964, pp 211 - 212 - DOI: <https://doi.org/10.23637/ERADOC-1-160>

64/Da/5.1

SPRING WHEAT

(RW 601)

Dates of sowing and N - Pastures 1964.

Design: 6 x 6 Latin square.

Area of each plot: 0.0145. Area harvested: 0.0008.

Treatments: All combinations of:-

1. Sowing dates: Mar 11, 1964 (E), Apr 2 (M), Apr 28 (L).
2. Levels of nitrogen: None (0), 0.6 (N) N as 'Nitro-Chalk' in seedbed.

Basal dressing: 1.5 cwt 0:20:20 combine drilled.

Cultivations, etc.: Ploughed: Feb 27, 1963. 'Nitro-Chalk' applied:
For 1st sowing - Mar 31, 1964, for 2nd sowing - Apr 3, for 3rd sowing - Apr 27. Sprayed with mecoprop/2,4-D (Methoxone Extra at 6 pints in 40 gals): 1st sowing - May 15, 2nd sowing - May 29, 3rd sowing - June 10 (all at 3 bushels). Yields estimated by sampling: Aug 27. Variety: Opal. Previous crop: 7 year ley.

NOTE: Samples for crop growth and yield were taken at fortnightly intervals from ear emergence to harvest.

Standard error per plot.

Grain: 3.61 or 10.3% (20 d.f.)

64/Da/5.2

SUMMARY OF RESULTS

GRAIN

	E	M	L	Mean
		(± 1.47)		(± 0.85)
O	35.4	34.0	28.4	32.6
N	41.6	40.4	29.6	37.2
Mean (± 1.04)	38.5	37.2	29.0	34.9

Mean D.M. %: 89.3