

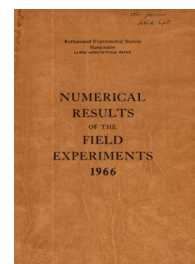
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

## Yields of the Field Experiments 1966

[Full Table of Content](#)



---

### 66/R/RW401/DA/8 Winter Wheat and Spring Wheat - Varieties and N

#### Rothamsted Research

Rothamsted Research (1967) *66/R/RW401/DA/8 Winter Wheat and Spring Wheat - Varieties and N ; Yields Of The Field Experiments 1966*, pp 261 - 262 - DOI:

<https://doi.org/10.23637/ERADOC-1-158>

66/Da/8.1

WINTER AND SPRING WHEAT

(RW 401)

Varieties and nitrogen - Great Knott I 1966.

Design: 4 randomised blocks of 8 plots.

Area of each plot: 0.0212. Area harvested: 0.0141.

Treatments: All combinations of:-

1. Varieties: Winter wheat - Cappelle (C), Rothwell Perdix (P), spring wheat - Kloka (K), Jufy I (J).
2. Nitrogen: 0.4 (N1), 1.0 (N2) cwt N as 'Nitro-Chalk', top-dressed, in addition to basal.

Basal applications: 300 lb (6:15:15) combine drilled. Weedkiller: Mecoprop/2,4-D (Methoxone Extra at 6 pints in 36 gals).

Cultivations, etc.: Deep-tine cultivated twice: Nov 3, 1965.  
Seed drilled at 190 lb: Feb 17, 1966\*. 'Nitro-Chalk' applied:  
Apr 14. Sprayed: May 14. Combine harvested: Sept 6.  
Previous crops: Barley 1964, potatoes 1965

Standard error per plot.

Grain: 2.13 or 5.1% (21 d.f.)

\* Drilling of winter wheat was delayed by weather and so all varieties were sown on the same date.

66/Da/8.2

SUMMARY OF RESULTS

GRAIN

	C	P	K	J	Mean
		(±1.06)			(±0.53)
N1	40.5	38.3	37.5	42.9	39.8
N2	45.3	40.5	43.5	44.1	43.3
Mean (±0.75)	42.9	39.4	40.5	43.5	41.6

Mean D.M. %: 83.0