

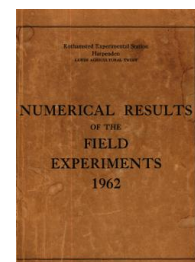
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1962

[Full Table of Content](#)



62/R/DA/1 Winter Wheat - Varieties and N

Rothamsted Research

Rothamsted Research (1963) *62/R/DA/1 Winter Wheat - Varieties and N* ; Yields Of The Field Experiments 1962, pp 124 - 124 - DOI: <https://doi.org/10.23637/ERADOC-1-164>

62/Da/1

WINTER WHEAT

Varieties and Nitrogen - Long Hoos IV 1962.

Design: 4 randomised blocks of 16 plots each.

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

Treatments. All combinations of:-

Varieties: Cappelle (Ca); Champlain (Ch); Professeur Marchal (M); Viking (V).

Nitrogen: None; 0.3; 0.6; 0.9 cwt N per acre applied as 'Nitro-Chalk'.

Basal dressing: $2\frac{1}{2}$ cwt compound fertiliser (20% P_2O_5 , 20% K_2O) per acre combine drilled.

Cultivations, etc.: Ploughed: 13 Sept, 1961. Seed drilled at $2\frac{3}{4}$ bushels per acre: 12 Oct. 'Nitro-Chalk' applied: 6 Apr, 1962. Sprayed with CMPP at 6 pints in 40 gallons per acre: 24 Apr. Combine harvested: 8 Sept. Previous crops: Beans 1961; various crops (6 Course Rotation experiment) 1960.

Standard error per plot.

Grain (at 85% dry matter): 2.23 cwt per acre or 5.4% (45 d.f.)

Summary of Results

Grain (at 85% dry matter): cwt per acre

N: cwt per acre	Variety				Mean
	Ca	Ch	M	V	
	(±1.11)				(±0.55)
None	27.2	28.4	32.3	28.7	29.1
0.3	38.0	36.3	40.1	39.7	38.5
0.6	45.7	46.8	47.9	45.2	46.4
0.9	50.4	52.6	52.3	47.9	50.8
Mean (±0.55)	40.3	41.0	43.2	40.4	41.2

Mean dry matter % as harvested: 79.7