

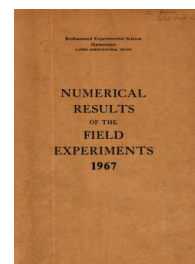
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1967

[Full Table of Content](#)



67/R/RW301/DA/3 Winter Wheat - Ccc

Rothamsted Research

Rothamsted Research (1968) *67/R/RW301/DA/3 Winter Wheat - Ccc ; Yields Of The Field Experiments 1967*, pp 279 - 280 - DOI: <https://doi.org/10.23637/ERADOC-1-157>

67/Da/3.1

WINTER WHEAT

(RW 301)

Effects of CCC - Long Hoos V 1967.

Design: 4 blocks of 8 plots, randomisation restricted.

Area of each plot: 0.0241. Area harvested: 0.0014.

Treatments: All combinations of:-

1. Chlormequat*: No spray (CO), 2.5 lb in 40 gals (CS) in spring.
2. Nitrogen: None (NO), 0.8 (N1), 1.6 (N2), 2.4 (N3) cwt N as 'Nitro-Chalk'.

* 2-chloroethyltrimethylammonium chloride, formerly called CCC.

NOTE: (1) A wetter was included in the CCC spray.

Basal applications: 340 lb (0:20:20) combine drilled. Weedkiller: Ioxynil/mecoprop (Actril C at 6 pints in 32 gals). Seed dressed with ethion against wheat bulb fly.

Cultivations, etc.: Ploughed: Sept 13, 1966. Seed drilled at 210 lb: Oct 27. Chlormequat applied: Mar 21. 'Nitro-Chalk' applied: Apr 18. Sprayed (Weedkiller): Apr 26. Combine harvested: Aug 31. Variety: Cappelle. Previous crops: Winter beans 1965, fallow 1966.

NOTE: (2) Crop samples were taken at intervals after the ears emerged to determine leaf area. Counts of shoots were made from time to time.

Standard error per plot.

Grain: 2.29 or 5.1% (21 d.f.)

67/De/3.2

SUMMARY OF RESULTS

GRAIN

	NO	N1	N2	N3	Mean
			(± 1.15)		(± 0.57)
CO	41.5	48.1	44.9	43.2	44.4
CS	46.4	48.7	45.5	43.6	46.0
Mean (± 0.81)	43.9	48.4	45.2	43.4	45.2

Mean D.M. %: 85.0