

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

## Numerical Results of the Field Experiments 1968

[Full Table of Content](#)



### 68/DA/5 Ccc, Row Spacing and N - W. Wheat

#### Rothamsted Research

Rothamsted Research (1970) *68/DA/5 Ccc, Row Spacing and N - W. Wheat* ; Numerical Results Of The Field Experiments 1968, pp 299 - 300 - DOI: <https://doi.org/10.23637/ERADOC-1-58>

68/Da/5.1

WINTER WHEAT

(RW 401)

Chlormequat, row spacing and N - Pastures 1968.

Design: 4 randomised blocks of 12 plots.

Area of each plot: 0.0212. Area harvested: 0.0140.

Treatments: All combinations of:-

1. Row spacing: 4 (C), 8 (W) inches.
2. Chlormequat\*: None (0), sprayed at 2 lb in 32 gals (S).
3. N: 0.8 (N1), 1.6 (N2) 2.4 (N3) cwt as 'Nitro-Chalk'.

\* 2-chloroethyltrimethylammonium chloride (CCC).

Basal applications: 340 lb (0:20:20) broadcast by drill. Ground chalk: 50 cwt to two southerly blocks, 100 cwt to two northerly. Weedkiller: Ioxynil/mecoprop (Actril C at 6 pints in 20 gals).

Cultivations, etc.: Ground chalk applied: 10 Oct, 1967. Deep-tine cultivated twice: 19 Oct. Basal PK applied, seed drilled at 180 lb: 24 Oct. Chlormequat applied: 28 Mar, 1968. 'Nitro-Chalk' applied: 22 Apr. Weedkiller applied: 26 Apr. Combine harvested: 25 Aug. Variety: Cappelle. Previous crops: Fallow 1966, potatoes 1967.

Standard error per plot.

Grain: 3.46 or 9.2% (33 d.f.)

68/De/5.2

SUMMARY OF RESULTS

			GRAIN			Mean
	O	S	N1	N2	N3	
	(±1.00)			(±1.22)		(±0.71)
C	38.4	39.0	44.3	37.1	34.7	38.7
W	36.6	36.2	42.9	35.3	31.0	36.4
				(±1.22)		(±0.71)
		O	43.7	34.8	33.9	37.5
		S	43.4	37.5	31.8	37.6
		Mean (±0.87)	43.6	36.2	32.9	37.5

Mean D.M. %: 82.0