

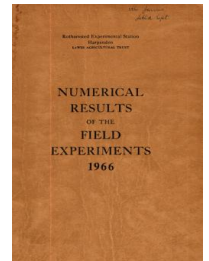
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1966

[Full Table of Content](#)



66/R/RW701/DA/6 Spring Wheat - Ccc

Rothamsted Research

Rothamsted Research (1967) *66/R/RW701/DA/6 Spring Wheat - Ccc ; Yields Of The Field Experiments 1966*, pp 257 - 258 - DOI: <https://doi.org/10.23637/ERADOC-1-158>

66/Da/6.1

SPRING WHEAT

(RW 701)

Effects of CCC - Long Hoos III 1966.

Design: 4 randomised blocks of 8 plots.

Area of each plot: 0.0144. Area harvested: 0.0096.

Treatments: All combinations of:-

1. CCC* in spray at 40 gals: None (CO), 2.5 lb (CS) in May at 5 leaf stage.
2. Nitrogen: None (NO), 0.8 (N1), 1.6 (N2), 2.4 (N3) cwt N as 'Nitro-Chalk'.

* 2-chlorotrimethylammonium chloride - a dwarfing compound.

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

Basal applications: 27 cwt ground chalk, 400 lb compound fertiliser (0:14:28) applied broadcast, 340 lb compound fertiliser (0:20:20) combine drilled. Weedkiller: Mecoprop/2,4-D (Methoxone Extra at 6 pints in 40 gals).

Cultivations, etc.: Ground chalk and PK compound applied: Nov 6, 1965. Deep-tine cultivated twice: Feb 4, 1966. Rotary cultivated: Mar 11. Seed drilled at 180 lb, 'Nitro-Chalk' applied: Mar 12. Weedkiller applied, CCC spray applied: May 17. Combine harvested: Sept 7. Variety: Kloka. Previous crops: Winter wheat 1964, potatoes 1965.

NOTE: (2) Counts of shoots were made from time to time.

Standard error per plot.

Grain: 2.85 or 8.7% (21 d.f.)

66/Da/6.2

SUMMARY OF RESULTS

GRAIN

	NO	N1	N2	N3	Mean
		(±1.43)			(±0.71)
CO	19.5	31.5	38.3	38.1	31.8
CS	19.6	34.6	39.7	41.0	33.8
Mean (±1.01)	19.6	33.0	39.0	39.6	32.8

Mean D.M. %: 82.6