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Yields of the Field Experiments 1966

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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