

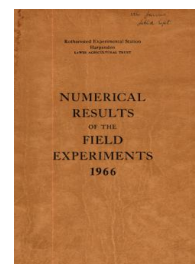
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

## Yields of the Field Experiments 1966

[Full Table of Content](#)



---

### 66/R/LM/C/1 K, Mg and Na - Kale

#### Rothamsted Research

Rothamsted Research (1967) *66/R/LM/C/1 K, Mg and Na - Kale* ; Yields Of The Field Experiments 1966, pp 121 - 123 - DOI: <https://doi.org/10.23637/ERADOC-1-158>

66/c/1.3

KALE: FRESH WEIGHT

BLOCKS NOT RECEIVING SODIUM TREATMENTS

	K0	K1	K2	MgO	Mg1	Mg2	Mean
Ca1	22.62	(±0.983)*	24.04	23.81	(±0.983)*	24.64	24.35
Ca2	27.19	26.39	25.30	26.03	27.38	26.16	26.52
					(±1.204)		(±0.695)
		K0		25.55	25.00	24.16	24.90
		K1		25.45	28.28	26.49	26.74
		K2		23.76	24.70	25.55	24.67
		Mean (±0.695)		24.92	25.99	25.40	25.44

\* For use in horizontal and interaction comparisons



66/C/2.1

INTENSIVE BARLEY GROWING EXPERIMENT

(IB)

Little Knott I - 1966, the sixth year

For treatments, etc., see 'Results' 61/C/8 (NO = none, N1 = 0.3, N2 = 0.6, N3 = 0.9 cwt N).

Area of each plot: 0.0212. Area harvested: Winter and spring wheat - 0.0140, barley - 0.0139.

Basal applications: Manures as previously.

Insecticide: Spring beans: Demeton-s-methyl (Metasystox as 12 fluid oz in 37 gals).

Weedkiller: Winter wheat, spring wheat, barley and oats: Ioxynil/mecoprop (Actril C at 5 pints in 40 gals).

Cultivations, etc.: Ground chalk applied at 25 cwt: Nov 3, 1965.

Ploughed: Nov 11.

Spring beans: Seed placement drilled at 200 lb: Mar 8, 1966.

Sprayed: June 14. Combine harvested: Sept 16.

Oats: Seed combine drilled at 160 lb: Mar 7, 1966. 'Nitro-

Chalk' applied: Mar 10. Sprayed: May 10. Combine harvested: Sept 3.

Spring wheat: Seed combine drilled at 180 lb, 'Nitro-Chalk'

applied: Mar 11, 1966. Sprayed: May 10. Combine harvested: Sept 3.

Barley: Seed combine drilled at 140 lb: Mar 8, 1966. 'Nitro-

Chalk' applied: Mar 10. Sprayed: May 10. Combine harvested: Aug 23.

Winter wheat: Seed combine drilled at 190 lb: Jan 3, 1966.

'Nitro-Chalk' applied: Mar 10. Sprayed: May 10. Combine harvested: Aug 23.

- NOTES: (1) Yields were taken only for sequences 1, 2, 3, 4, 7 (Barley) 8 (Spring wheat) 9 and 10 (Winter wheat).  
(2) Estimates of eyespot (*Cercospora herpotrichoides*) and take-all (*Ophiobolus graminis*) were made in spring and summer.  
(3) For the previous years' results see 'Results' 61/C/8, 62/C/7, 63/C/2, 64/C/2, 65/C/2.

Standard errors per plot. Grain:

Winter wheat (9 and 10): 4.71 or 14.5% (7 d.f.)

Barley (1,2,3,4 and 7): 3.04 or 8.8% (19 d.f.)