ROTHAMSTED RESEARCH

Yields of the Field Experiments 1966

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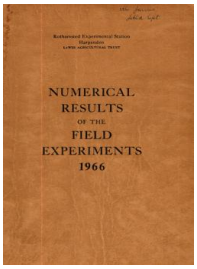

66/R/LM/C/1 K, Mg and Na - Kale

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**

KALE: FRESH WEIGHT

BLOCKS NOT RECEIVING SODIUM TREATMENTS

	K0	K1	K2	Mg0	Mg1	Mg2	Mean
		(±0.983)*			(±0.983)*		
Ca1	22.62	26.39	24.04	23.81	24.61	24.64	24.35
Ca2	27.19	27.09	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/1.3

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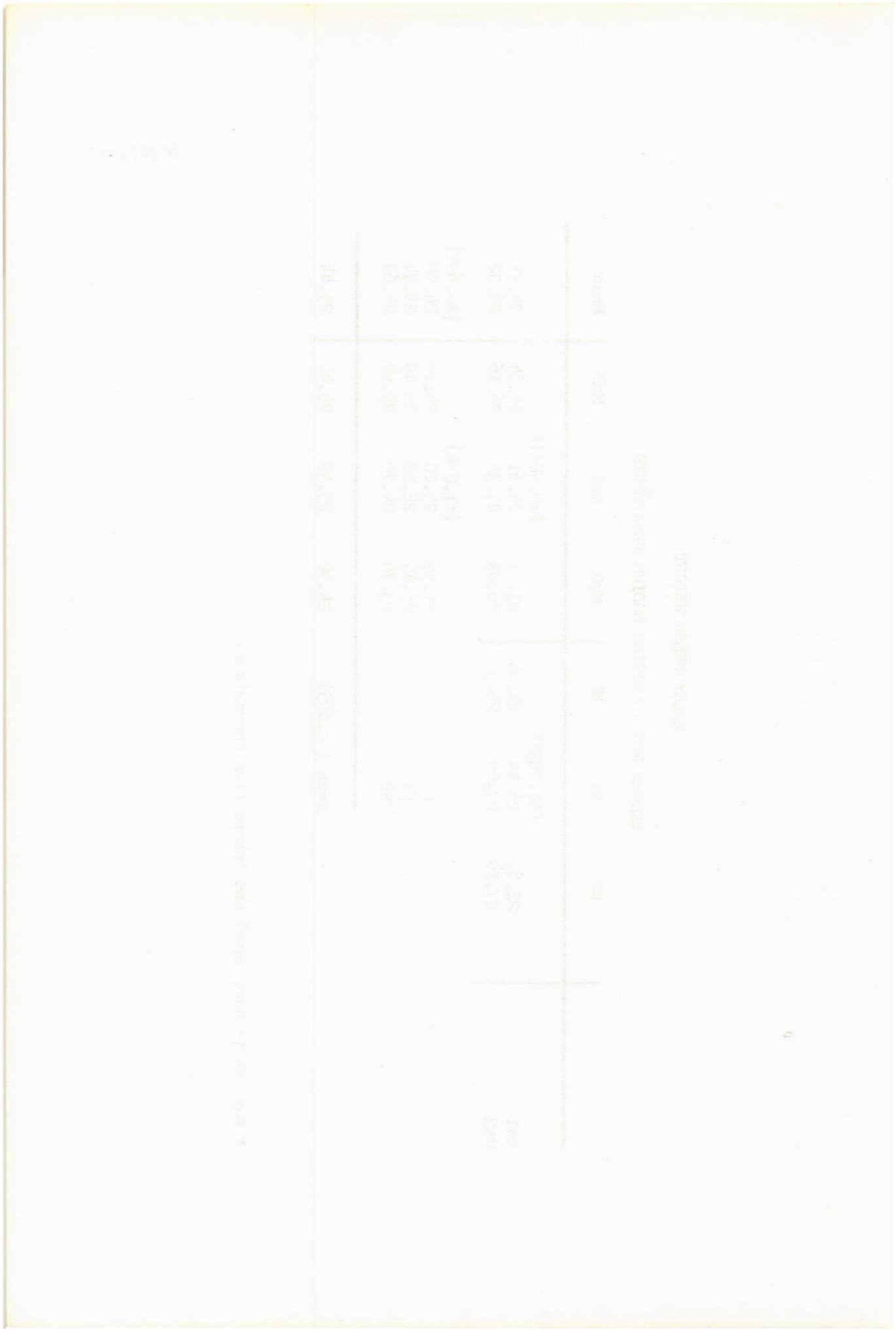

66/C/2.1

INTENSIVE BARLEY GROWING EXPERIMENT

(IB)

Little Knott I - 1966, the sixth year

For treatments, etc., see 'Results' 61/C/8 (N0 = 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 (Cercosporella 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.)

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