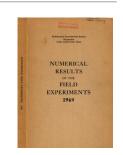
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Numerical Results of the Field Experiments 1969



Full Table of Content

69/R/CS/24 - P, K & Take-all - Barley

Rothamsted Research

Rothamsted Research (1970) 69/R/CS/24 - P, K & Take-all - Barley; Numerical Results Of The Field Experiments 1969, pp 186 - 187 - DOI: https://doi.org/10.23637/ERADOC-1-96

186

BARLEY

(69/R/CS/24)

P, K and take-all (Ophiobolus graminis), West Barnfield II 1969, the second year. For treatments etc. and for the previous year's results see 'Results' 68/C/16.

Area of each plot: 0.0265. Area harvested: 0.0140.

Basal applications: 0.8 cwt N as 'Nitro-Chalk' combine drilled. Ground chalk at 23 cwt. Weedkillers: Paraquat at 0.75 lb ion in 20 gals, 2,4-D at 8 oz and dichlorprop at 32 oz in 20 gals.

Cultivations, etc.: Paraquat applied: 1 Oct, 1968. Ground chalk applied: 1 Nov. Ploughed: 19 Nov. P and K applied: 11 Mar, 1969. Seed combine drilled at 140 lb: 24 Mar. 2,4-D/dichlorprop applied: 20 May. Combine harvested: 22 Aug.

NOTE: Estimates of eyespot (Cercosporella herpotrichoides) and take-all (Ophiobolus graminis) were made in spring and summer.

Standard error per plot.
Grain, cwt: 1.61 or 3.9% (27 d.f.)

187

SUMMARY OF RESULTS

	PO	Pl	P4	P6*	P24*	Mean		
	1 100 5	GRAIN:CWT						
			(±0.81)			(±0.36)		
K1 K ¹ 4	33.1 35.8	42.0	43.4 42.4	43.0 43.2	42.8 42.3	40.9 41.1		
Mean (±0.57)	34.5	42.0	42.9	43.1	42.5	41.0		

Mean D.M.%: 82.3

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K1	25.2	32.6	40.7	35.0	42.2	35.1
K4	25.3	35.8	42.9	38.2	42.2	36.9
Mean	25.3	34.2	41.8	36.6	42.2	36.0

Mean D.M.%: 92.0

^{*} Residual