

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

Numerical Results of the Field Experiments 1970

[Full Table of Content](#)



70/S/CS/1 Intensive Wheat- W. Wheat

Rothamsted Research

Rothamsted Research (1971) *70/S/CS/1 Intensive Wheat- W. Wheat* ; Numerical Results Of The Field Experiments 1970, pp 213 - 214 - DOI: <https://doi.org/10.23637/ERADOC-1-59>

INTENSIVE WHEAT

(70/S/CS/1)

Saxmundham, Oldershaw's and Garner's plots 1970, the fifth year (winter wheat only). For treatments, etc. and for previous years' results see 'Results' 66/C/30, 67/C/23, 68/C/39, 69/S/CS/1.

Area of each sub plot: 0.0182. Area harvested: 0.0116.

Basal applications: 560 lb (0:20:20) broadcast. Weedkiller: Mecoprop at 42 oz and 2,4-D at 10.5 oz in 20 gals.

Cultivations, etc.: Ploughed: 11 Sept, 1969. Basal PK applied: 30 Sept. Seed drilled: 5 Nov. N applied: 19 Mar, 1970. Weedkiller applied: 9 May. Combine harvested: 18 Aug. Variety: Cappelle.

NOTE: Estimates of the incidence of take-all (*Ophiobolus graminis*) eyespot (*Cercospora herpotrichoides*) sharp eyespot (*Rhizoctonia solani*) and brown foot rot were made.

Standard errors per plot.

Grain, cwt: Whole plot: 1.70 or 6.1% (12 d.f.)
Sub plot: 1.65 or 5.9% (30 d.f.)

70/S/CS/1

SUMMARY OF RESULTS

GRAIN: CWT

Crop	W	L	L	W	W	
1966	W	W	BE	L	W	
1967	W	W	W	BE	L	
1968	W	W	W	W	BE	Mean
	(1) and (2)					(±0.37)
N1	26.0	24.5	24.1	26.2	28.0	25.8
N2	28.6	28.0	28.2	29.8	29.8	28.9
N3	30.4	28.1	28.3	30.8	28.9	29.3
Mean (±0.85)	28.3	26.9	26.9	28.9	28.9	28.0

- (1) (±1.09) For use in horizontal and diagonal comparisons only
 (2) (±0.83) For use in vertical and interaction comparisons only

Mean D.M. %: 86.6