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Numerical Results of the Field Experiments 1970

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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 | L | L | W | W | |
| 1967 | W | W | BE | L | W | |
| 1968 | W | W | W | BE | L | |
| 1969 | 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