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Numerical Results of the Field Experiments 1968

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68/C/39 Saxmundham Intensive Wheat

Rothamsted Research

Rothamsted Research (1970) *68/C/39 Saxmundham Intensive Wheat* ; Numerical Results Of The Field Experiments 1968, pp 275 - 276 - DOI: <https://doi.org/10.23637/ERADOC-1-58>

68/c/39.1

INTENSIVE WHEAT

(SC)

Saxmundham, Oldershaw's and Garner's plots 1968, the third year.
For treatments etc. and for previous years' results see
'Results' 66/C/30 and 67/C/23.

Area of each sub plot: 0.0182. Area harvested: 0.0098.

Basal applications: 560 lb (0:20:20) broadcast. Weedkillers:
To wheat: Mecoprop at 36 oz and 2,4-D at 9 oz in 32 gals.
To beans: Simazine at 1 lb in 33 gals.

Cultivations, etc.: Ploughed: 2 - 9 Sept, 1967. Basal PK compound
applied: 15 Sept.

Wheat: Seed drilled: 10 Oct, 1967. 'Nitro-Chalk' applied:
28 Mar, 1968. Weedkiller applied: 18 Apr. Combine
harvested: 14 Aug. Variety: Cappelle.

Grass ley: 'Nitro-Chalk' applied: 19 Mar, 1968. Seed drilled:
28 Mar. Cut twice: 11 June and 6 Sept. 'Nitro-Chalk'
and muriate of potash applied: 12 June. Variety: S22 Italian.

Beans: Seed drilled: 8 March, 1968. Weedkiller applied:
21 Mar. Combine harvested: 9 Sept. Variety: Maris Bead.

NOTES: (1) Yields were taken for winter wheat only.
(2) Estimates of the incidence of take-all (*Ophiobolus graminis*)
and eyespot (*Cercospora herpotrichoides*) were made.

Standard errors per plot. Grain:
Whole plot: 1.35 or 3.4% (6 d.f.)
Sub plot: 2.38 or 5.9% (18 d.f.)

68/c/39.2

SUMMARY OF RESULTS

WINTER WHEAT

Crop in 66	67	N1	N2	N3	Mean
		GRAIN			
		(1) and (2)			(± 0.68)
W	W	34.1	40.1	34.1	36.1
L	W	38.9	45.5	38.8	41.1
W	Be	46.3	44.1	40.0	43.5
Mean (± 0.69)		39.8	43.2	37.7	40.2

Mean D.M. %: 80.9

- (1) (± 1.18) For use in vertical and diagonal comparisons only
 (2) (± 1.19) For use in horizontal and interaction comparisons only

STRAW

W	W	26.9	31.0	26.9	28.3
L	W	35.5	34.1	31.7	33.8
W	Be	39.9	29.9	41.1	37.0
Mean		34.1	31.7	33.2	33.0

Mean D.M. %: 75.6