

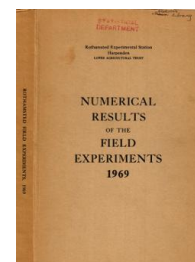
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Numerical Results of the Field Experiments 1969

[Full Table of Content](#)



69/S/CS/1 - Intensive Wheat - Beans & Wheat

Rothamsted Research

Rothamsted Research (1970) *69/S/CS/1 - Intensive Wheat - Beans & Wheat ; Numerical Results Of The Field Experiments 1969*, pp 226 - 227 - DOI: <https://doi.org/10.23637/ERADOC-1-96>

INTENSIVE WHEAT

(69/S/CS/1)

Saxmundham, Oldershaw's and Garner's plots 1969, the fourth year.
For treatments etc. and for previous years' results see 'Results'
66/C/30, 67/C/23 and 68/C/39.

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

Basal applications: 560 lb (0:20:20) broadcast. Weedkillers:
Wheat: Mecoprop at 42 oz and 2,4-D at 10.5 oz in 25 gals.
Beans: Simazine at 1 lb in 23 gals.

Cultivations, etc.: Ploughed: 13 - 21 Sept, 1968. Basal PK applied:
14 Oct.

Wheat: Seed drilled: 15 Oct, 1968. 'Nitro-Chalk' applied:
26 Mar, 1969. Weedkiller applied: 12 May. Combine harvested:
21 Aug. Variety: Cappelle.

Beans: Seed drilled at 240 lb: 24 Mar, 1968. Weedkiller applied:
27 Mar. 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*)
were made.

Standard errors per plot. Wheat, grain, cwt:

Whole plot: 1.45 or 5.3% (9 d.f.)

Sub plot: 1.69 or 6.2% (24 d.f.)

SUMMARY OF RESULTS

WINTER WHEAT

Crop			N1	N2	N3	Mean
1966	1967	1968				
GRAIN: CWT						
			(1) and (2)			(±0.72)
W	W	W	20.8	26.9	29.3	25.7
L	W	W	20.4	27.5	28.9	25.6
L	Be	W	24.7	31.7	31.4	29.3
W	L	Be	26.4	29.9	31.4	29.2
Mean (±0.42)			23.0	29.0	30.2	27.4
STRAW: CWT						
W	W	W	17.1	27.9	27.3	24.1
L	W	W	20.3	28.2	25.8	24.8
L	Be	W	24.2	30.7	28.1	27.7
W	L	Be	22.3	24.3	29.1	25.2
Mean			21.0	27.8	27.6	25.4

(1) (± 1.00) For use in vertical and diagonal comparisons only

(2) (± 0.85) For use in horizontal and interaction comparisons only

Mean D.M. %: Grain: 78.9
Straw: 82.5