

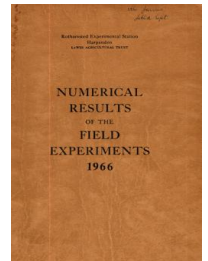
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1966

[Full Table of Content](#)



66/R/BH/C/15 Sod Seeding and Pests - Spring Wheat

Rothamsted Research

Rothamsted Research (1967) *66/R/BH/C/15 Sod Seeding and Pests - Spring Wheat* ; Yields Of The Field Experiments 1966, pp 177 - 178 - DOI: <https://doi.org/10.23637/ERADOC-1-158>

66/c/16.1

INTENSIVE WINTER BARLEY GROWING EXPERIMENT

(BJ)

Hoosfield (Old Four Course) 1966, the second year

For details of treatments, etc. and for the previous year's results see 'Results' 65/C/25.

Because of the weather spring beans were sown instead of winter beans.

Area of each plot: 0.0386. Area harvested: 0.0254.

Cultivations, etc.: Sprayed with aminotriazole at 2 lb and ammonium thiocyanate at 1.85 lb in 40 gals: Oct 14, 1965. Ploughed: Oct 28.

Barley: Seed drilled at 140 lb: Nov 5, 1965. 'Nitro-Chalk' applied: Apr 13, 1966. Sprayed with ioxynil/mecoprop (Actril C at 5 pints in 40 gals): May 17. Combine harvested: Aug 16.

Spring beans: Seed drilled at 200 lb: Mar 4, 1966. Sprayed with demeton-s-methyl (Metasystox at 12 fluid oz in 37 gals): June 14. Combine harvested: Sept 17. Variety: Pedigree Tick.

NOTES: (1) Yields were taken only for sequences 1, 2 and 4 (Barley).
(2) Estimates were made of eyespot (*Cercospora herpotrichoides*) and take-all (*Ophiobolus graminis*) in barley.

Standard errors per plot. Barley, grain:
Sequences 1 and 2: 3.80 or 14.2% (10 d.f.)
4: 1.18 or 4.1% (4 d.f.)

66/c/16.2

SUMMARY OF RESULTS

Barley (1, 2 and 4)

Crop in 1965	N0	N1	N2	N3	Mean	Mean N1 and N2
		(±2.19)				(±1.55)
B (1)		21.5	26.4	30.2	26.0	23.9
O (2)		19.0	26.6	36.6	27.4	22.8
Be (4)	22.7	(±0.68)				(±0.48)
		30.6	31.9	-	28.4	31.3

Mean of (1) and (2): 26.7

General mean: 27.3

General mean D.M. %: 83.7