

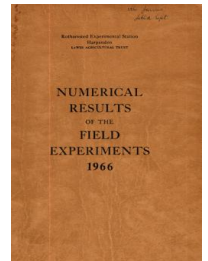
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66/R/BH/C/15 Sod Seeding and Pests - Spring Wheat

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