

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/HB/A/2 Hoosfield - Barley

### Rothamsted Research

Rothamsted Research (1967) *66/R/HB/A/2 Hoosfield - Barley* ; Yields Of The Field Experiments 1966, pp 15 - 16 - DOI: <https://doi.org/10.23637/ERADOC-1-158>

66/A/2.1

BARLEY - HOOSFIELD 1966

(HB)

For history, treatments, etc. see 'Details' 1962 and 'Results' 64/A/2.

Cultivations, etc.: Sprayed with aminotriazole at 4 lb and ammonium thiocyanate at 3.7 lb in 40 gals: Oct 4, 1965. Dung applied, all plots ploughed: Nov 1. Fertilisers applied: Mar 17, 1966. Seed drilled at 155 lb: Mar 18. Sprayed with mecoprop/2,4-D (Methoxone Extra at 6 pints in 40 gals): May 27. Combine harvested: Aug 26.

NOTE: Estimates of eyespot (*Cercospora herpotrichoides*) and take-all (*Ophiobolus graminis*) were made.

66/A/2.2

SUMMARY OF RESULTS

Plot		PA	GRAIN MB	Mean	PA	STRAW MB	Mean
1	O	10.2	10.0	10.1	5.1	4.3	4.7
2	O	13.2	10.7	12.0	7.0	3.8	5.4
3	O	6.3	5.5	5.9	2.4	1.6	2.0
4	O	11.9	7.0	9.5	6.3	3.4	4.8
5	O	10.6	8.4	9.5	5.6	4.4	5.0
1	A	16.7	17.7	17.2	11.3	11.6	11.4
2	A	26.7	24.7	25.7	18.0	18.9	18.4
3	A	20.4	26.7	23.6	16.5	20.4	18.5
4	A	29.1	43.4	36.2	19.0	29.6	24.3
5	A	34.3	40.5	37.4	21.9	32.3	27.1
1	AA	15.7	16.5	16.1	11.0	14.2	12.6
2	AA	30.2	34.0	32.1	22.2	29.6	25.9
3	AA	16.8	19.8	18.3	15.3	19.0	17.2
4	AA	27.0	41.0	34.0	16.8	30.0	23.4
1	AAS	22.6	23.6	23.1	20.5	20.7	20.6
2	AAS	30.8	31.2	31.0	24.3	25.5	24.9
3	AAS	21.6	32.2	26.9	18.0	22.7	20.3
4	AAS	32.8	45.1	38.9	22.7	36.8	29.8
1	C	26.4	38.4	32.4	17.9	26.2	22.0
2	C	29.6	40.3	34.9	17.8	24.4	21.1
3	C	25.4	35.9	30.6	15.0	21.8	18.4
4	C	29.4	42.0	35.7	17.4	28.7	23.1
7	- 1	12.2	6.8	9.5	9.4	4.3	6.9
7	- 2	39.8	37.4	38.6	25.2	26.3	25.7
6	- 1	7.0	5.5	6.3	3.9	2.0	3.0
6	- 2	10.1	8.8	9.4	4.5	4.6	4.6
1	N	12.1	11.0	11.5	11.5	12.1	11.8
2	N	18.3	24.2	21.3	10.2	16.7	13.4
Mean		21.0	24.6	22.8	14.2	17.7	15.9
Mean D.M. %:			79.6			66.7	