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Yields of the Field Experiments 1966

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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	