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Yields of the Field Experiments 1958

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58/R/A/2 Hoosfield - Barley

Rothamsted Research

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58/A/2

BARLEY - HOOSFIELD 1958

The 107th year

For history, treatments etc., see "Details of the Classical and Long Term Experiments" 1956.

Cultivations, etc.: Ploughed: Sept 9 and again Nov 22, 1957. Dung applied: Nov 25. Fertilizers applied: Apr 17, 1958. Seed drilled at $2\frac{3}{4}$ bushels per acre: Apr 21. Sprayed with OMPP at 6 pints in 40 gallons per acre: May 28. Combine harvested: Sept 9. Variety: Plumage Archer.

In 1958 the plots were combine harvested for the first time, a single cut being made down the centre of each plot (including plots 1N and 5 - 0) for the full length, except on strips 1 and 3, where five combine cuts were taken per plot and weighed separately. The yields shown were estimated from the totals of these cuts.

Summary of Results

Plot		Grain (at 85% dry matter): cwt per acre	Straw (at 85% dry matter): cwt per acre
1	0	4.1	6.0
2	0	6.7	6.9
3	0	5.3	7.4
4	0	6.6	10.6
5	0	8.8	8.9
1	A	7.7	9.9
2	A	17.3	15.0
3	A	9.2	12.6
4	A	16.3	14.4
5	A	15.7	20.1
1	AA	10.1	13.5
2	AA	22.0	20.8
3	AA	11.5	16.1
4	AA	15.5	15.7
1	AAS	19.8	21.1
2	AAS	25.5	22.7
3	AAS	18.4	19.8
4	AAS	19.6	18.3
1	C	18.1	17.2
2	C	18.8	16.4
3	C	16.8	14.0
4	C	17.4	14.6
7	- 1	9.7	11.8
7	- 2	27.2	19.6
6	- 1	4.3	6.9
6	- 2	6.4	6.1
1	N	7.8	12.6
2	N	15.0	16.2
Mean dry matter % as harvested:		79.5	81.7