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Yields of the Field Experiments 1951

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51/A/2 Hoosfield - Barley

Rothamsted Research

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51/A/2

BARLEY - HOOSFIELD 1954

The 100th Year

For details of treatments etc. see Appendix Y 1950.

Cultivations, etc.: Ploughed: Sept 4. Dung applied: Feb 1.
 Fertilizers applied: Apr 21. Seed drilled at 3 bushels per
 acre: Apr 25. Sprayed with D.N.O.C. 1 gallon per acre: June 26.
 Harvested: Sept 11. Variety: Plumage Archer.

Summary of Results.

Plot		Total Grain cwt per acre	Total Straw [#] cwt per acre
1	O	8.5	6.1
2	O	8.0	4.9
3	O	6.9	5.4
4	O	11.1	6.3
5	O	6.0	5.9
1	A	9.9	6.8
2	A	13.1	9.6
3	A	15.1	12.1
4	A	12.8	11.7
5	A	7.5	10.7
1	AA	11.2	9.5
2	AA	19.5	13.0
3	AA	14.5	13.0
4	AA	18.5 [†]	14.5 [†]
1	AAS	14.3	10.6
2	AAS	16.4	13.5
3	AAS	16.5	12.9
4	AAS	19.7 [†]	16.3 [†]
1	C	14.3	11.9
2	C	21.4	14.3
3	C	16.3	11.1
4	C	19.0	13.7
7	- 1	9.8	5.9
7	- 2	21.3	13.2
6	- 1	5.9	4.2
6	- 2	6.8	5.0
1	N	16.2	13.1
2	N	14.0	11.9

[#]Includes straw, cavings and chaff.

[†]Estimated from the sum of 4 AA and 4 AAS.