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Yields of the Field Experiments 1948

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48/A/2 Hoosfield - Barley

Rothamsted Research

Rothamsted Research (1949) 48/A/2 *Hoosfield - Barley* ; Yields Of The Field Experiments 1948, pp 6
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48/A/2

BARLEY - HOOSFIELD 1948

Treatments as listed in 1938 Report, p. 117, except that since 1940-41 rape cake has been replaced by castor bean meal at the same rate of application.

Cultivations, etc.: Ploughed (shallow): Sept. 18-20. Springtime harrowed: Sept 30. Dung applied: Nov 24. Ploughed: Nov 22-28. Springtime harrowed: Mar 1-5. Artificials applied: Mar 10-11. Thistles cleared: Mar 27. Harrowed: Mar 30. Seed drilled: Mar. 31 Harrowed in: Apr 6. Rolled: Apr 10. Wild oats hand pulled: July 5-15 and July 30 - Aug 10, and scythed: Aug 9. Harvested: Aug 30.

Note: On plots 50, 5A and 3C, sections badly infected with wild oats were scythed out and discarded. On all other plots the full area was harvested.

Plot	Total Grain cwt./acre	Total Straw [*] cwt./acre
1 O	7.6	10.9
2 O	10.3	11.9
3 O	8.9	11.5
4 O	14.2	18.3
5 O	16.3	21.2
1 A	10.6	16.5
2 A	16.0	21.1
3 A	12.2	20.2
4 A	21.6	27.5
5 A	19.3	23.2
1 AA	13.3	25.9
2 AA	20.5	27.1
3 AA	15.3	23.2
4 AA	22.4	27.1
1 AAS	17.5	27.8
2 AAS	21.8	31.5
3 AAS	22.4	30.0
4 AAS	24.6	30.1
1 C	15.2	21.6
2 C	17.7	23.2
3 C	17.3	26.4
4 C	23.3	18.9
7 - 1	12.6	15.6
7 - 2	28.2	40.2
6 - 1	6.6	10.1
6 - 2	8.7	11.4
1 N	12.8	22.8
2 N	16.9	27.4

* Includes straw, cavings and chaff.