

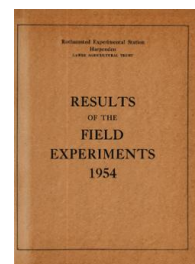
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# Yields of the Field Experiments 1954

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## 54/R/A/2 Hoosfield - Barley

### Rothamsted Research

Rothamsted Research (1955) *54/R/A/2 Hoosfield - Barley* ; Yields Of The Field Experiments 1954, pp 5 - 5 - DOI: <https://doi.org/10.23637/ERADOC-1-184>

54/A/2

## BARLEY - HOOSFIELD 1954

The 103rd year

For history, details of treatment, etc., see "Results of the Field Experiments 1939-47" Vol I, Section A/2.

Cultivations, etc.: Ploughed: Aug 11, 1953. Dung applied: Nov 24. Ploughed: Nov 25. Fertilizers applied, seed drilled at 3 bushels per acre: Apr 7, 1954. Sprayed with D.N.O.C.: June 3. Cut and discarded crop on plots 5A: July 23. Cut and discarded crop on parts of plots 1C, 2C, 1N, 2N: July 29. Cut and discarded parts of plots 3A and 4A: Aug 18. Harvested: Sept 16. Variety: Plumage Archer.

Note: Wild oats were hand pulled during July. Pre-harvest cuts were made to deal with wild oat infestations on parts of plots 1C, 2C, 1N, 2N, 5A and to remove before harvest areas of crop still green on plots 3A, 4A.

Summary of Results

| Plot |     | Grain<br>(at 85% dry<br>matter)<br>cwt per acre | Straw<br>(at 85% dry<br>matter)<br>cwt per acre |
|------|-----|-------------------------------------------------|-------------------------------------------------|
| 1    | O   | 10.8                                            | 10.5                                            |
| 2    | O   | 12.6                                            | 10.0                                            |
| 3    | O   | 8.8                                             | 8.2                                             |
| 4    | O   | 11.8                                            | 11.3                                            |
| 5    | O   | 8.2                                             | 7.2                                             |
| 1    | A   | 10.4                                            | 11.8                                            |
| 2    | A   | 17.5                                            | 16.3                                            |
| 3    | A   | 15.9                                            | 16.6                                            |
| 4    | A   | 18.5                                            | 18.1                                            |
| 5    | A   | Not recorded                                    |                                                 |
| 1    | AA  | 14.0                                            | 18.0                                            |
| 2    | AA  | 20.4                                            | 22.6                                            |
| 3    | AA  | 13.3                                            | 14.3                                            |
| 4    | AA  | 18.5                                            | 19.8                                            |
| 1    | AAS | 14.2                                            | 18.1                                            |
| 2    | AAS | 21.8                                            | 27.1                                            |
| 3    | AAS | 18.3                                            | 21.0                                            |
| 4    | AAS | 22.2                                            | 20.8                                            |
| 1    | C   | 17.3                                            | 18.6                                            |
| 2    | C   | 18.0                                            | 18.7                                            |
| 3    | C   | 18.8                                            | 17.5                                            |
| 4    | C   | 18.4                                            | 18.9                                            |
| 7    | - 1 | 13.9                                            | 14.0                                            |
| 7    | - 2 | 28.6                                            | 29.9                                            |
| 6    | - 1 | 9.1                                             | 8.3                                             |
| 6    | - 2 | 10.8                                            | 12.1                                            |
| 1    | N   | 15.4                                            | 18.8                                            |
| 2    | N   | 15.8                                            | 17.2                                            |

Mean dry matter % as harvested: Grain: 81.0. Straw: 80.9