

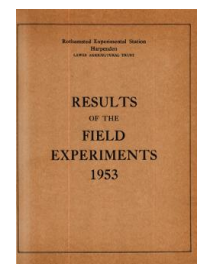
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Yields of the Field Experiments 1953

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53/A/6 Hoosfield Exhaustion Land - Barley - Rothamsted

Rothamsted Research

Rothamsted Research (1954) *53/A/6 Hoosfield Exhaustion Land - Barley - Rothamsted* ; Yields Of The Field Experiments 1953, pp 10 - 10 - DOI: <https://doi.org/10.23637/ERADOC-1-173>

53/A/6

BARLEY - EXHAUSTION LAND HOOSFIELD 1953

For history, details of treatments etc. see "Results of the Field Experiments 1952", Section A/6.

Cultivations, etc.: Ploughed: Sept 4, 1952. $2\frac{1}{2}$ cwt sulphate of ammonia per acre applied: Feb 26, 1953. Seed drilled at 3 bushels per acre: Feb 27. Sprayed with M.C.P.A. 2 pints per acre: May 26. Variety: Plumage Archer.

Summary of Results

| Manuring to Potatoes 1876-1901* | Grain cwt per acre | Straw cwt per acre |
|---|-----------------------|-----------------------|
| 1 Unmanured | 15.8 | 18.2 |
| 2 Unmanured after 6 years dung | 11.8 | 18.0 |
| 3 Dung | 22.4 | 25.6 |
| 4 Dung | 22.8 | 26.4 |
| 5 Ammonium salts | 17.4 | 19.3 |
| 6 Nitrate of soda | 14.6 | 18.2 |
| 7 Ammonium salts and complete minerals | 21.4 | 24.2 |
| 8 Nitrate of soda and complete minerals | 20.2 | 23.4 |
| 9 Superphosphate | 20.0 | 24.4 |
| 10 Complete minerals | 21.8 | 25.7 |

*For certain changes see history.