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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.