

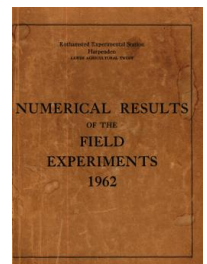
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Yields of the Field Experiments 1962

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62/R/A/7 Hoosfield Exhaustion Land - Barley

Rothamsted Research

Rothamsted Research (1963) *62/R/A/7 Hoosfield Exhaustion Land - Barley* ; Yields Of The Field Experiments 1962, pp 21 - 21 - DOI: <https://doi.org/10.23637/ERADOC-1-164>

62/A/7

BARLEY - EXHAUSTION LAND HOOSFIELD 1962

For history, treatments etc., see "Details of the Classical and Long Term Experiments" 1956.

Cultivations, etc.: Plots 5 and 6, and parts of 2 sprayed with dalapon at 8 lb in 40 gallons per acre: Sept 8, 1961 and again at 4 lb in 40 gallons per acre: Sept 27. Ploughed: Oct 31. 'Nitro-Chalk' applied, seed drilled at 3 bushels per acre: Mar 28, 1962. Sprayed with MCPA/MBA at 4 pints in 40 gallons per acre: June 4. Combine harvested: Sept 14. Variety: Plumage Archer.

Summary of Results

Yields (at 85% dry matter): cwt per acre

Plot	Manuring to potatoes 1876 - 1901*	Grain	Straw
1	Unmanured	16.0	10.9
2	Unmanured after dung 1876 - 81	14.1	8.9
3	Dung	24.4	16.2
4	Dung	24.5	18.0
5	Ammonium salts	14.3	9.8
6	Nitrate of soda	12.6	9.4
7	Ammonium salts and complete minerals	20.7	14.4
8	Nitrate of soda and complete minerals	21.0	13.4
9	Superphosphate	19.2	14.2
10	Complete minerals	20.0	17.9
Mean dry matter % as harvested		77.7	83.4

*For certain changes see history.