

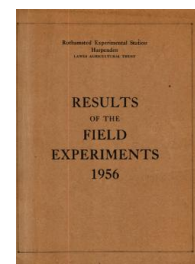
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1956

[Full Table of Content](#)



56/R/A/6 Hoosfield Exhaustion Land - Barley

Rothamsted Research

Rothamsted Research (1957) *56/R/A/6 Hoosfield Exhaustion Land - Barley* ; Yields Of The Field Experiments 1956, pp 12 - 12 - DOI: <https://doi.org/10.23637/ERADOC-1-176>

56/A/6

BARLEY - EXHAUSTION LAND HOOSFIELD 1956

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

Cultivations, etc.: Ploughed: Sept 12 - 23, 1955 and again Nov 21. 'Nitro-Chalk' applied at $3\frac{1}{2}$ cwt per acre: Mar 26, 1956. Seed drilled at 3 bushels per acre: Apr 3. Sprayed with MCPA, at 3 pints in 40 gallons per acre: May 17. Harvested: Aug 30. Variety: Plumage Archer.

Note. The NE halves of plots 1 and 2 (by the side land) were fallowed to reduce the weed infestation. (Ploughed: Sept 23, 1955, Nov 22, May 15, 1956, Aug 23.)

Summary of Results

Manuring to potatoes 1876 - 1901*	Yields (at 85% dry matter): cwt per acre	
	Grain	Straw
1 Unmanured	8.7	11.1
2 Unmanured after dung 1876 - 81	11.5	12.8
3 Dung	20.7	21.3
4 Dung	20.8	20.7
5 Ammonium salts	9.4	11.8
6 Nitrate of soda	9.8	12.4
7 Ammonium salts and complete minerals	22.1	22.1
8 Nitrate of soda and complete minerals	21.1	19.3
9 Superphosphate	22.4	22.4
10 Complete minerals	23.9	25.7
Mean dry matter % as threshed:	80.4	79.2

*For certain changes see history.