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# Yields of the Field Experiments 1956



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

#### **Rothamsted Research**

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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 3½ 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% cwt per Grain	The state of the s
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
*For certain changes see history.			
Mean dry matter % as threshed:		80.4	79.2