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Yields of the Field Experiments 1961

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

Rothamsted Research

Rothamsted Research (1962) *61/R/A/6 Hoosfield Exhaustion Land - Barley* ; Yields Of The Field Experiments 1961, pp 16 - 16 - DOI: <https://doi.org/10.23637/ERADOC-1-182>

61/A/6

BARLEY - EXHAUSTION LAND HOOSFIELD 1961

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

Basal dressing: 0.5 cwt N per acre as 'Nitro-Chalk'.

Cultivations, etc.: Sprayed with dalapon at 10 lb in 40 gallons per acre: Oct 12, 1960; and again at 5 lb in 40 gallons per acre: Nov 14. Ploughed: Dec 16. 'Nitro-Chalk' applied: Mar 29, 1961. Seed drilled at $2\frac{3}{4}$ bushels per acre: Apr 12. Sprayed with CMPP at 6 pints in 40 gallons per acre: May 19. Combine harvested: Aug 29. Variety: Plumage Archer.

Summary of Results

Barley

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

Plots not cross cropped in 1957 and 1958

Plot. Manuring to potatoes 1876 - 1901*	Grain	Straw
2 Unmanured after dung 1876 - 81	15.8	10.0
4 Dung	25.5	15.4
6 Nitrate of soda	15.6	10.0
8 Nitrate of soda and complete minerals	21.8	12.8
10 Complete minerals	23.6	12.2

Plots cross cropped in 1957 and 1958

Plot. Manuring to potatoes 1876 - 1901*	Grain	Straw
1 Unmanured	17.5	11.0
3 Dung	23.9	14.7
5 Ammonium salts	17.0	10.2
7 Ammonium salts and complete minerals	21.5	13.4
9 Superphosphate	22.4	13.2
Mean dry matter % as harvested (all plots):	86.3	89.9

*For certain changes see history.

Erratum: "Results of the Field Experiments" 1960 p. 60/A/6. In the Summary of Results delete the words 'and combine harvested in 1959' from both headings.