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Yields of the Field Experiments 1954

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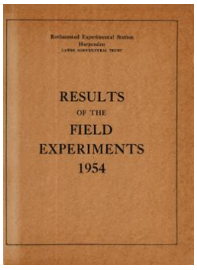

54/R/A/3 Agdell - Rotation

Rothamsted Research

Rothamsted Research (1955) *54/R/A/3 Agdell - Rotation ;* Yields Of The Field Experiments 1954, pp 6 - 6 **- DOI: https://doi.org/10.23637/ERADOC-1-184**

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WHEAT AFTER FALLOW - HOOSFIELD 1954

Without manure 1851 and since

For history, details of treatments etc. see "Results of the Field Experiments 1939-47" Vol. I, Section A/3.

Cultivations, etc.:

Cropped plots. Ploughed: Sept 3, 1953. Seed drilled at 3 bushels per acre: Oct 22. Harvested: Sept 6, 1954. Variety: Squareheads Master 13/4.

Fallowed plots. Ploughed: Sept 3, 1953, Dec 3 and Sept 25, 1954.

Summary of Results

Mean yields (at 85% dry matter): cwt per acre

Plot	A1	A2	A3	
No. of years of fallow	1	1	3	Mean
Grain	10.7	10.6	12.0	11.1
Straw	18.5	17.9	20.2	18.9

Mean dry matter % as harvested, Grain: 81.1
Straw: 82.0

BARLEY - AGDELL 1954

For history, details of treatments etc., of the original experiment which terminated in 1952, see "Results of the Field Experiments 1939-47" Vol. I, Section A/4. Since 1953 the field has been cropped with barley. In 1954 plots 1 and 2 and the south ends of plots 3 and 4 received applications of ground chalk in the winter and spring. Basal nitrogen was applied and no yields were recorded.

Cultivations, etc.:

Ploughed: Sept 29, 1953. Ground chalk applied to certain areas: Jan 6, 1954 and Mar 19. Basal dressing of 2 cwt sulphate of ammonia per acre applied: Mar 19. Seed drilled at 3 bushels per acre, basal dressing of 3 cwt sulphate of ammonia per acre applied: June 18. Harvested: Oct 3. Variety: Plumage Archer.