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Yields of the Field Experiments 1953



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53/A/3 Agdell - Rotation - Rothamsted

Rothamsted Research

Rothamsted Research (1954) 53/A/3 Agdell - Rotation - Rothamsted; Yields Of The Field Experiments 1953, pp 6 - 6 - DOI: https://doi.org/10.23637/ERADOC-1-173

53/A/3

- WHEAT AFTER FALLOW - HOOSFIELD 1953

Without manure 1851 and since

For history, details of treatments etc. see "Results of the Field Experiments 1939-47", Vol. I, Section 4/3.

Cultivations, etc.:

Cropped plots. Ploughed: Sept 6, 1952. Seed drilled at 3 bushels per acre: Oct 27. Harvested: Aug 20, 1953. Variety: Squareheads Master 13/4.

Fallow plots. Ploughed: Sept 6, 1952 and Sept 3, 1953.

Summary of Results

	Mean yie			
Plot No. of years of fallow	B ₂ B ₃		B ₄	Mean
Grain Straw	18.7 24.9	8.3 14.5	13.7 23.6	13.6 21.0

CROPS IN ROTATION - AGDELL 1953

Barley - 2nd crop of 27th course 1952-55

For history, details of treatments etc. see "Results of the Field Experiments 1939-47" Vol. I, Section 1/4.

Cultivations, etc.: Ploughed: Sept 5, 1952, Seed drilled at 3 bushels per acre: Mar 2, 1953. Sprayed with MCPA, 2 pints per acre: May 26. Harvested: Aug 28. Variety: Plumage Archer.

Note: No turnips were grown and no manures were applied in 1952, the plots being fallowed.

Summary of Results

Manure to	ł	Mean yields: cwt per acre Mineral manure Complete mineral						
Turnips 1948	None since 1848		No nitrogen		and nitrogenous manure			
Rotation Plot	Fallow 5	Clover 6	Fallow 3	Clover 4	Fallow 1	Clover 2		
Grain	5.7	11.1	7.6	16.2	3.6	5.0		
Straw	5.8	11.5	8.8	16.4	4.8	8.9		