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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 A/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

Plot No. of years of fallow	Mean yields: cwt per acre			Mean
	B <sub>2</sub>	B <sub>3</sub>	B <sub>4</sub>	
	1	1	3	
Grain	18.7	8.3	13.7	13.6
Straw	24.9	14.5	23.6	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 A/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 Turnips 1948	Mean yields: cwt per acre					
	None since 1848		Mineral manure No nitrogen		Complete mineral and nitrogenous manure	
	Fallow	Clover	Fallow	Clover	Fallow	Clover
Rotation Plot	5	6	3	4	1	2
Grain	5.7	11.1	7.6	16.2	3.6	5.0
Straw	5.8	11.5	8.3	16.4	4.8	8.9