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Yields of the Field Experiments 1951

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51/A/3 Agdell - Rotation

Rothamsted Research

Rothamsted Research (1952) *51/A/3 Agdell - Rotation* ; Yields Of The Field Experiments 1951, pp 6 - 6 - DOI: <https://doi.org/10.23637/ERADOC-1-171>

51/A/3

WHEAT AFTER FALLOW - HOOSFIELD 1951

Without manure 1851 and since

For details of treatments etc. see Appendix Y 1950

Cultivations, etc.:

Cropped sections. Ploughed: Sept 14. Seed drilled at 3 bushels per acre: Oct 18. Harvested: Aug 24. Variety: Squareheads Master (13/4).

Fallow section. Ploughed: Sept 14, Apr 23 and July 10.

Summary of Results

Section	Mean yields: cwt per acre			Mean
	I	II	III	
Years after fallow	1	1	3	
Total grain	8.2	7.8	9.3	8.4
Total straw	12.6	11.9	12.7	12.4

CROPS IN ROTATION - AGDELL 1951

Wheat - 4th crop of 26th course 1948-51

Cultivations, etc.:

Ploughed: Aug 10. Seed drilled at 3 bushels per acre: Oct 19. Harvested: Aug 20. Variety: Squareheads Master (13/4).

Summary of Results

Manure to Turnips 1948	Mean yields: cwt per acre					
	None since 1848		Mineral Manure No Nitrogen		Complete mineral and nitrogenous manure	
Rotation Plot	Fallow 5	Clover 6	Fallow 3	Clover 4	Fallow 1	Clover 2
Total Grain	13.1	9.1	16.8	12.5	16.4	15.2
Total Straw	-*	17.4	24.6	26.8	24.9	25.0

*Weight of straw not available.

For details of treatments and rotation see Appendix Y.