

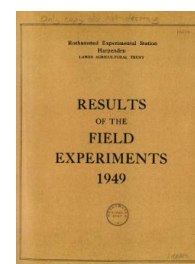
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Yields of the Field Experiments 1949

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49/A/3 Agdell - Rotation

49/A/3 Agdell - Rotation, Rothamsted Research (1950) Yields Of The Field Experiments 1949, pp 7 - 7

49/A/3

WHEAT AFTER FALLOW - HOOSFIELD 1949

Without manure 1851 and since

For details of treatments see 1938 report p. 109.

Cultivations, etc.:

Cropped sections: Ploughed: Sept 3-6. Harrowed twice:
Oct 22. Seed drilled and harrowed in: Oct 23. Ring rolled:
Apr 11. Harvested: Aug 16. Variety: Squareheads
Master 13/4.

Fallow sections B3 ploughed: Sept 3. Remainder ploughed:
Oct 1-2. All sections ploughed: Jan 3-13. Springtined:
Mar 23 and Apr 14. Thistles cut: May 31 and June 27.
Ploughed: July 5-6. Harrowed, ring rolled and harrowed:
July 20.

Produce: cwt per acre

No. of years of Fallow	1	1	3	Mean
Section	B1	B4	B2	
Total Grain	13.5	13.0	13.5	13.3
Total Straw*	20.8	21.4	26.0	22.8

CROPS IN ROTATION - AGDELL FIELD 1949

Barley, 2nd crop of 26th course (1948-51)

Cultivations, etc.: Ploughed: Nov 26-27. Springtined: Feb 28.
Harrowed, seed drilled: Mar 18. Harrowed in: Mar 19.
Ring rolled: Apr 1. Harrowed and ring rolled: Apr 16.
Thistles pulled: May 23-30. Harvested: Aug 4. Variety:
Plumage Archer.

Produce: cwt per acre

Manure to	Unmanured		Mineral Manure		Complete	
Turnips only	since 1848		No Nitrogen		Mineral and Nitrogenous Manure	
Rotation	Fallow	Clover	Fallow	Clover	Fallow	Clover
Plot	5	6	3	4	1	2
Total Grain	14.9	15.3	26.2	31.7	27.3	20.5
Total Straw*	17.9	19.6	28.1	34.6	28.8	31.6

* Includes straw, cavings and chaff.