

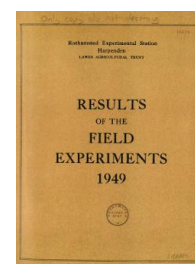
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# Yields of the Field Experiments 1949

[Full Table of Content](#)



## 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.