

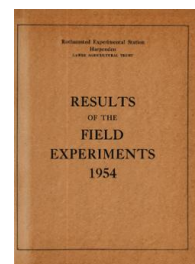
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

# Yields of the Field Experiments 1954

[Full Table of Content](#)



---

## 54/R/A/3 Agdell - Rotation

### Rothamsted Research

Rothamsted Research (1955) *54/R/A/3 Agdell - Rotation* ; Yields Of The Field Experiments 1954, pp 6 - 6 - DOI: <https://doi.org/10.23637/ERADOC-1-184>

54/A/3

# WHEAT AFTER FALLOW - HOOSFIELD 1954

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 3, 1953. Seed drilled at 3 bushels per acre: Oct 22. Harvested: Sept 6, 1954. Variety: Squareheads Master 13/4.

Fallowed plots. Ploughed: Sept 3, 1953, Dec 3 and Sept 25, 1954.

## Summary of Results

Mean yields (at 85% dry matter): cwt per acre

| Plot                   | A1   | A2   | A3   |      |
|------------------------|------|------|------|------|
| No. of years of fallow | 1    | 1    | 3    | Mean |
| Grain                  | 10.7 | 10.6 | 12.0 | 11.1 |
| Straw                  | 18.5 | 17.9 | 20.2 | 18.9 |

Mean dry matter % as harvested, Grain: 81.1  
Straw: 82.0

# BARLEY - AGDELL 1954

For history, details of treatments etc., of the original experiment which terminated in 1952, see "Results of the Field Experiments 1939-47" Vol. I, Section A/4. Since 1953 the field has been cropped with barley. In 1954 plots 1 and 2 and the south ends of plots 3 and 4 received applications of ground chalk in the winter and spring. Basal nitrogen was applied and no yields were recorded.

Cultivations, etc.:

Ploughed: Sept 29, 1953. Ground chalk applied to certain areas: Jan 6, 1954 and Mar 19. Basal dressing of 2 cwt sulphate of ammonia per acre applied: Mar 19. Seed drilled at 3 bushels per acre, basal dressing of 3 cwt sulphate of ammonia per acre applied: June 18. Harvested: Oct 3. Variety: Plumage Archer.