

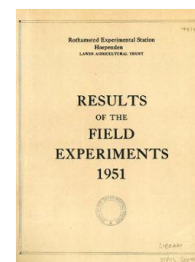
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Yields of the Field Experiments 1951

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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.