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Yields of the Field Experiments 1950

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50/A/3 Agdell - Rotation

Rothamsted Research

Rothamsted Research (1951) *50/A/3 Agdell - Rotation* ; Yields Of The Field Experiments 1950, pp 7 - 7 - DOI: <https://doi.org/10.23637/ERADOC-1-185>

WHEAT AFTER FALLOW - HOOSFIELD 1950

50/A/3

Without manure 1851 and since

For details of treatments see Appendix Y.

Cultivations, etc.:

Cropped Sections: Ploughed: Aug 30-31. Springtined: Oct 29
Harrowed, seed drilled and harrowed in: Oct 31. Rolled: Apr 8.
Crop badly damaged by wheat bulb fly so decision made to plough in
and resow: Apr 20. Harrowed three times, seed drilled, ring
rolled and harrowed in: Apr 21. Ring rolled: Apr 22. Thistles
cut: May 26. Harvested: Sept 8. Variety (Spring sowing):
Fylgia.

Fallow Sections: Ploughed: Aug 30-31. Springtined: Oct 29
and Mar 9. Harrowed three times: Apr 21. Ring rolled: May 12.
Thistle barred: May 30. Ploughed: July 1. Springtined: July 15
and 31.

Summary of Results

Produce: cwt per acre

No. of years of Fallow Section	1 A3	1 A4	3 A1	Mean
Total Grain	3.4	3.6	4.5	3.8
Total Straw	5.4	4.6	6.1	5.4

CROPS IN ROTATION - AGDELL FIELD 1950

Clover, 3rd crop of 26th course (1948-51)

For details of treatments and rotation see Appendix Y.

Cultivations, etc.:

Cropped Sections: Seed undersown in barley: Apr 14, 1949.
Plot 2 ploughed up because of weeds: Apr 26, 1950. Topped with
scythe: Apr 28. Rolled and springtined: May 13. Thistle
barred: May 31. Weeded: June 30. Cut: July 20. Variety:
Late-flowering Montgomery Red.

Fallow Sections: Ploughed: Nov 17-18. Springtined: Mar 18.
Ploughed: Apr 26. Discd: Apr 28, and May 11. Rolled and
springtined: May 13. Thistle barred: May 31. Ploughed: Aug 10.

Summary of Results

Clover hay: cwt per acre

Manure to Turnips 1948	Unmanured since 1848	Mineral Manure No Nitrogen	Complete Mineral and Nitrogenous manure
Plot	6	4	2
Clover	23.8	48.8	Ploughed up