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Yields of the Field Experiments 1973

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73/R/WF/3 - Wheat and Fallow - Wheat

Rothamsted Research

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73/R/WF/3

WHEAT AND FALLOW

Object: To study the effects of fallowing for one or three years on unmanured winter wheat - Hoosfield.

The 118th year, winter wheat.

For previous years see 'Details' 1967, 68/A/3(+), 69-72/R/WF/3.

Whole plot dimensions: 9.61 x 52.1. Area harvested: 0.01483.

Treatments: Phase of fallowing cycle (up to 1973):-

		PLOT
Plot 1	W F W F W F F F	-
Plot 2	F W F F F W F W	2/Fall11
Plot 3	F F W F W F W F	-
Plot 4	F W F W F F F W	4/Fall13
Plot 5	W F F F W F W F	-
Plot 6	F W F W F W F F	-
Plot 7	W F W F F F W F	-
Plot 8	F F F W F W F W	8/Fall11

W = wheat, F = fallow.

Basal applications: Weedkiller: Dicamba, mecoprop and MCPA ('Tetralex Plus' at 7.0 l in 220 l).

Seed: Cappelle, dressed with dieldrin, sown at 200 kg.

Cultivations, etc.: - Ploughed: 11 Sept, 1972. Seed drilled: 18 Oct.

Weedkiller applied: 26 Apr, 1973. Combine harvested: 20 Aug.

Fallow plots: Ploughed 3 times: 11 Sept, 1972, 17 May, 1973 and 6 July.

73/R/WF/3

TABLES OF MEANS

GRAIN: TONNES/HECTARE

PLOT			
2/Fall11	8/Fall11	4/Fall13	Mean
2.56	2.20	2.88	2.55

STRAW: TONNES/HECTARE

1.93	1.34	1.87	1.71
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Mean D.M. % Grain: 86.1
Straw: 88.3