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

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74/R/WF/3

WHEAT AND FALLOW

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

The 119th year, winter wheat.

For previous years see 'Details' 1967, 68/A/3(t), 69-73/R/WF/3.

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

Treatments: Phase of fallowing cycle (up to 1974):-

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

W = wheat, F = fallow.

Basal applications: Weedkiller: Dicamba with mecoprop and MCPA ('Banlene Plus' at 5.6 l in 220 l).

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

Cultivations, etc.:-

Wheat plots: Ploughed: 3 Oct, 1973. Discd and seed sown: 18 Oct.

Weedkiller applied: 18 Apr, 1974. Combine harvested: 29 Aug.

Fallow plots: Ploughed: 3 Oct, 1973, 7 May, 1974 and 22 July.

Spring-tine cultivated: 8 Mar, 11 Apr, 10 July and 8 Aug.

74/R/WF/3

TABLES OF MEANS

PLOT			
5/Fall 1	7/Fall 1	1/Fall 3	Mean
GRAIN: TONNES/HECTARE			
2.24	1.87	3.14	2.42
STRAW: TONNES/HECTARE			
1.37	1.04	1.55	1.32
Mean D.M. %	Grain: 83.5 Straw: 86.9		