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

Rothamsted Research

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71/R/WF/3

WHEAT AND FALLOW

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

The 116th year, winter wheat.

For previous years see 'Details' 1967, 68/A/3(t) and 69-70/R/WF/3.

Whole plot dimensions: 9.6 x 52.1. Area harvested: 0.01483.

Cultivations, etc.:

Cropped plots: Ploughed: 4 Sept, 1970. Seed drilled at 202 kg: 9 Oct. Sprayed with ioxynil at 0.63 kg and mecoprop at 1.9 kg in 225 l: 15 Apr, 1971. Combine harvested: 27 Aug. Variety: Cappelle.

Fallow plots: Ploughed 3 times: 4 Sept, 1970, 19 Apr, 1971, 8 July.

SUMMARY OF RESULTS

Plot No.	6	8	2
No. of years of fallow	1	1	3
GRAIN: TONNES/HECTARE			
	1.82	1.22	1.81
STRAW: TONNES/HECTARE			
	1.20	0.92	1.01

Mean D.M. %: Grain: 79.6
Straw: 85.0