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# Yields of the Field Experiments 1986

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## 86/R/WF/3 Wheat and Fallow - W. Wheat

### Rothamsted Research

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86/R/WF/3

WHEAT AND FALLOW

Object: To study the effects of fallowing on unmanured w. wheat - Hoosfield.

The 131st year, w. wheat.

For previous years see 'Details' 1967, 1973 and 74-85/R/WF/3.

Whole plot dimensions: 9.60 x 211.

Treatments:

Each year there are two plots, one is sown to w. wheat, one is fallow; they alternate in successive years.

Standard applications:

Wheat plot: Weedkillers: Paraquat at 0.60 kg ion in 200 l.  
Isoproturon at 2.1 kg, clopyralid at 0.07 kg and bromoxynil at 0.34 kg, mecoprop at 2.5 kg with the fungicides in 200 l.  
Fungicides: Prochloraz at 0.40 kg and carbendazim at 0.15 kg.

Seed: Brimstone, sown at 200 kg.

Cultivations, etc.:-

Wheat plot: Paraquat applied: 1 Oct, 1985. Spring-tine cultivated, seed sown: 8 Oct. Remaining weedkillers applied with the fungicides: 29 Apr, 1986. Combine harvested: 2 Sept.

Fallow plot: Ploughed: 7 Oct, 1985. Spring-tine cultivated: 28 Apr, 1986, 13 May, 6 June, 19 June, 28 July. Cultivated with thistle bar: 7 July, 22 Aug.

GRAIN AND STRAW TONNES/HECTARE

	GRAIN	STRAW
YIELD	0.50	0.08
MEAN DM%	75.4	90.5
PLOT AREA HARVESTED	0.06009	