

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

# Yields of the Field Experiments 1984

[Full Table of Content](#)



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

### Rothamsted Research

Rothamsted Research (1985) *84/R/WF/3 Wheat and Fallow - W. Wheat* ; Yields Of The Field Experiments 1984, pp 18 - 18 - DOI: <https://doi.org/10.23637/ERADOC-1-32>

84/R/WF/3

WHEAT AND FALLOW

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

The 129th year, w. wheat.

For previous years see 'Details' 1967, 1973 and 74-83/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. The comparison of effects of three-year and one-year fallow, started in 1932, was made for the last time in 1982.

Standard applications:

Wheat plot: Weedkillers: Chlortoluron at 3.5 kg in 250 l.  
3, 6-dichloropicolinic acid at 0.07 kg and bromoxynil at 0.34 kg with mecoprop (as 'CMPP' at 4.2 l) in 200 l. Insecticide: Pirimicarb at 0.14 kg in 200 l.

Seed: Flanders, dressed chlorfenvinphos, sown at 210 kg.

Cultivations, etc:-

Wheat plot: Ploughed: 12 Sept, 1983. Spring-tine cultivated: 6 Oct.  
Rotary harrowed, seed sown: 7 Oct. Chlortoluron applied: 1 Dec.  
3, 6-dichloropicolinic acid, bromoxynil and mecoprop applied: 17 Apr, 1984. Insecticide applied: 28 June. Combine harvested: 14 Aug.  
Fallow plot: Ploughed: 12 Sept, 1983. Spring-tine cultivated: 6 Oct.  
Heavy spring-tine cultivated: 27 Apr, 1984. Ploughed: 2 May.  
Rolled, heavy spring-tine cultivated: 8 May. Ploughed: 18 June.  
Rolled, spring-tine cultivated: 25 June.

GRAIN AND STRAW TONNES/HECTARE

	GRAIN	STRAW
YIELD	1.95	1.21
MEAN DM%	84.4	86.8
PLOT AREA HARVESTED	0.060090	