

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 1975

[Full Table of Content](#)



## 75/ R/WF/3 - Wheat and Fallow - Wheat

### Rothamsted Research

Rothamsted Research (1976) 75/ R/WF/3 - *Wheat and Fallow - Wheat* ; Yields Of The Field Experiments 1975, pp 23 - 24 - DOI: <https://doi.org/10.23637/ERADOC-1-141>

75/R/WF/3

WHEAT AND FALLOW

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

The 120th year, winter wheat.

For previous years see 'Details' 1967, 68/A/3(t), 69-74/R/WF/3.

Whole plot dimensions: 9.61 x 52.1.

Treatments: Phase of fallowing cycle (up to 1975):-

		PLOT
Plot 1	W F W F F F W F	-
Plot 2	F F F W F W F W	2/FALL1
Plot 3	W F W F W F F F	-
Plot 4	F W F F F W F W	4/FALL1
Plot 5	F F W F W F W F	-
Plot 6	F W F W F F F W	6/FALL3
Plot 7	W F F F W F W F	-
Plot 8	F W F W F W F F	-

W = wheat, F = fallow.

Basal applications: Weedkiller: Ioxynil with mecoprop ('Actril C' at 7.0 l in 220 l).

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

Cultivations, etc.:-

Wheat plots: Ploughed: 28 Oct, 1974. Power harrowed, seed sown and harrowed in: 8 Nov. Weedkiller applied: 12 May, 1975. Combine harvested: 13 Aug.

Fallow plots: Ploughed: 28 Oct, 1974, 16 May, 1975 and 15 July. Springtine cultivated: 27 May.

75/R/WF/3

\*\*\* TABLES OF MEANS \*\*\*

GRAIN TONNES/HECTARE

PLOT	2/FALL1	4/FALL1	6/FALL3	MEAN
	1.42	1.52	2.07	1.67

GRAIN MEAN DM% 86.5

STRAW TONNES/HECTARE

PLOT	2/FALL1	4/FALL1	6/FALL3	MEAN
	0.57	0.44	0.51	0.51

STRAW MEAN DM% 94.4

PLOT AREA HARVESTED 0.01483