

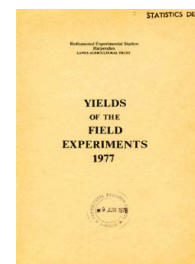
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1977

[Full Table of Content](#)



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

Rothamsted Research

Rothamsted Research (1978) *77/R/WF/3 Wheat and Fallow - Wheat* ; Yields Of The Field Experiments 1977, pp 21 - 21 - DOI: <https://doi.org/10.23637/ERADOC-1-29>

77/R/WF/3

WHEAT AND FALLOW

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

The 122nd year, winter wheat.

For previous years see 'Details' 1967, 1973 and 74-76/R/WF/3.

Whole plot dimensions: 9.60 x 52.1.

Treatments:

PLOT Phase of fallowing cycle (up to 1977):-

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

W = wheat, F = fallow.

Basal applications: Weedkillers: Dicamba with mecoprop and MCPA ('Banlene Plus' at 4.9 l in 220 l). Insecticide: Pirimicarb at 0.14 kg in 280 l.

Seed: Cappelle, sown at 200 kg.

Cultivations, etc.:-

Wheat plots: Ploughed: 1 Oct, 1976. Rotary harrowed and seed sown: 24 Nov.

Weedkillers applied: 24 May, 1977. Insecticide applied: 15 July. Combine harvested: 8 Sept.

Fallow plots: Ploughed: 1 Oct, 1976, 18 May, 1977 and 20 July. Spring-tine cultivated: 11 Aug.

GRAIN TONNES/HECTARE

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

PLOT	4/FALL1	6/FALL1	8/FALL3	MEAN
	1.95	2.09	2.49	2.17

GRAIN MEAN DM% 81.1

STRAW TONNES/HECTARE

PLOT	4/FALL1	6/FALL1	8/FALL3	MEAN
	1.21	1.18	1.24	1.21

STRAW MEAN DM% 89.7

PLOT AREA HARVESTED 0.01483