

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 2011

[Full Table of Content](#)



Results of the
Classical and other
Long-term Experiments
2011

R/WF/3 Wheat and Fallow

Rothamsted Research

Rothamsted Research (2012) *R/WF/3 Wheat and Fallow* ; Yields Of The Field Experiments 2011, pp 23 - 23 - DOI: <https://doi.org/10.23637/ERADOC-1-221>

11/R/WF/3

WHEAT AND FALLOW

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

The 156th year, w. wheat.

For previous years see 'Details' 1967, 1973 and Yield Books for 74-10/R/WF/3.

Whole plot dimensions: 9 x 211

Treatments:

Two plots, one sown to w. wheat, one fallow; alternating in successive years.

Experimental Diary

			Rate	Unit
10-Oct-10	a	Ploughed		
13-Oct-10	a	Cultipressed		
15-Oct-10	s	Drilled Hereward trt Redigo Deter - 350 seeds / metre sq	158	kg/ha
16-Oct-10	a	Rolled		
17-Oct-10	p	Sprayed Regatta - water volume = 200 lt/ha 0.6 l/ha		
24-Mar-11	a	Flexi Tined -Fallow areas only		
28-Mar-11	p	Sprayed Cherokee- Water volume = 118 lt/ha. Applied to WW area only	1.25	l/ha
13-Apr-11	a	Flexi Tined - Fallow plot		
14-Apr-11	a	Power harrowed - Fallow section		
05-May-11	p	Sprayed Bravo 500,	1.0	l/ha
		Tracker,	1.0	l/ha
		Agriguard Chlormequat 720,	2.25	l/ha
		Ally Max	42	g/ha
		and Starane 2 - 200 lt/ha water	0.75	l/ha
16-May-11	a	Cut paths		
19-May-11	p	Sprayed Opus,	0.8	l/ha
		Comet 200,	0.6	l/ha
		and Bravo 500 - 100 l/ha water	1.0	l/ha
23-May-11	a	Cut paths		
23-May-11	a	Rotavated fallows		
20-Jun-11	a	Cut paths		
01-Aug-11	a	Cut paths		
12-Aug-11	a	Combined O+Es - Opened up trials with commercial combine ready for yields to be taken		
12-Aug-11	a	Baled O+Es - Baled area discard area cut to open out trials		
03-Sep-11	a	Combined for yields		
03-Sep-11	a	Straw weights		
05-Sep-11	a	Combined - Discards		

Note: Unground grain and straw was archived.

GRAIN AND STRAW YIELDS TONNES/HECTARE

	GRAIN	STRAW
YIELD	1.605	0.5218
MEAN DM%	82.78	87.00
PLOT AREA HARVESTED	0.04431	