ROTHAMSTED RESEARCH

Yields of the Field Experiments 2007

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R/WF/3 Wheat and Fallow

Rothamsted Research

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07/R/WF/3

WHEAT AND FALLOW

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

The 152nd year, w. wheat.

For previous years see 'Details' 1967, 1973 and Yield Books for 74-06/R/WF/3.

Whole plot dimensions: 9 x 211 m

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

Experimental Diary:

			Rate	Unit
13-Oct-06	p	Barclay Gallup 360	4.00	l/200 l/ha
19-Oct-06	a	Plough/ N		
01-Nov-06	a	Combination Drilled		
	s	Hereward tr Redigo Twin + Deter, Plot 2	350.00	seeds/m^2
03-Nov-06	p	Ice	4.00	l/200 l/ha
08-Dec-06	p	Entice	7.00	kg/ha
12-Mar-07	a	Springtined fallow, Plot 1		
11-Apr-07	p	Pacifica - wheat	0.50	kg/200 l/ha
	p	Biopower - wheat	1.00	l/200 l/ha
23-Apr-07	p	Clean Crop Wanderer	1.00	l/200 l/ha
	p	Deuce	1.00	l/200 l/ha
02-May-07	a	Power harrowed fallow plots		
22-May-07	p	Amistar Opti	1.25	l/200 l/ha
	p	Opus	0.80	l/200 l/ha
06-Jun-07	a	Mow/Rotavate paths		
14-Jun-07	a	Mow/Rotavate paths		
26-July-07	a	Rotavate fallow		
27-Aug-07	a	Combine harvest and chop straw - O&E's		
03-Sep-07	a	Combine harvest, plots for yield		
04-Sep-07	a	Swath, sample, bale and weigh straw		

Note: Unground grain and straw was archived.

GRAIN AND STRAW YIELDS TONNES/HECTARE

Grain	1.29
Straw	0.22

Grain and Straw % Dry Matter

Grain	84.30
Straw	90.84

PLOT AREA HARVESTED 0.04431

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