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RESEARCH

Yields of the Field Experiments 2009

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Results of the
Classical and other
Long-term Experiments
2009

R/WF/3 Wheat and Fallow

Rothamsted Research

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09/R/WF/3

WHEAT AND FALLOW

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

The 154th year, w. wheat.

For previous years see 'Details' 1967, 1973 and Yield Books for 74-08/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-08	a	Plough/ N		
11-Oct-08	a	Cultipressed		
20-Oct-08	a	Combination Drilled		
	s	Hereward tr Redigo Deter	400.00	seeds/m2
17-Dec-08	p	Stomp 400 SC	3.30	l/ha
	p	Arelon 500	3.00	l/ha
	p	Hallmark with Zeon Technology	50.00	ml/ha
26-Mar-09	a	Springtined - Fallow area only		
20-Apr-09	p	Cherokee	1.00	l/ha
02-May-09	p	Splice	1.00	l/ha
02-May-09	p	Bravo 500	1.00	l/ha
	p	Talius	0.13	l/ha
	p	BASF 3C Chlormequat 720	2.25	l/ha
04-May-09	p	Ally Max SX	42.00	g/ha
	p	Agriguard Fluroxypyr	0.75	l/ha
28-May-09	p	Brutus	1.50	l/ha
	p	Amistar Opti	1.25	l/ha
02-Jun-09	a	Mow / Rotavate paths		
03-Aug-09	a	Rotavate fallows		
15-Aug-09	a	Combine harvest, plots for yield		
	a	Sample, bale and weigh straw		

Note: Unground grain and straw was archived.

GRAIN AND STRAW YIELDS TONNES/HECTARE

	GRAIN	STRAW
YIELD	2.26	0.92
MEAN DM%	83.44	87.58
PLOT AREA HARVESTED	0.04431	