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Yields of the Field Experiments 2008

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R/WF/3 Wheat and Fallow

Rothamsted Research

Rothamsted Research (2009) *R/WF/3 Wheat and Fallow ;* Yields Of The Field Experiments 2008, pp 20 - 20 **- DOI: https://doi.org/10.23637/ERADOC-1-218**

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08/R/WF/3

WHEAT AND FALLOW

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

The 153rd year, w. wheat.

For previous years see 'Details' 1967, 1973 and Yield Books for 74-07/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
30-Sep-07	p	Glyphosate 360	3.00	l/200 l/ha
10-Oct-07	a	Plough/S		
22-Oct-07	a	Combination drilled, Plot 1		
	s	Hereward tr redigo twin + deter, Plot 1	400.00	seeds/m^2
23-Oct-07	a	Rolled		
30-Oct-07	p	Huron	5.00	kg/ha
2-Nov-07	p	Liberator wheat plots	0.60	l/200 l/ha
	p	Alpha Trifluralin 48 EC wheat plot	2.00	l/200 l/ha
17-Nov-07	p	Stomp 400 SC	3.30	l/200 l/ha
	p	Arelon 500	2.00	l/200 l/ha
	p	Hallmark with Zeon Technology	50.00	ml/200 l/ha
8-May-08	p	Deuce	1.00	l/150 l/ha
	p	Bravo 500	0.75	l/150 l/ha
	p	Flexity	0.20	l/150 l/ha
	p	BASF 3C Chlormequat 720	1.00	l/150 l/ha
19-May-08	p	Ally Max SX wheat	42.00	g/200 l/ha
	p	Starane 2 wheat	0.75	l/200 l/ha
31-May-08	p	Amistar Opti	1.25	l/200 l/ha
	p	Opus Team	1.00	l/200 l/ha
2-Jun-08	a	Power harrowed fallow		
16-Jun-08	a	Mow / Rotavate paths		
14-Jul-08	a	Flexitined fallow plot		
15-Jul-08	a	Power harrowed fallow plot		
25-Jul-08	a	Rogue wild oats/thistles/weeds		
27-Aug-08	a	Combine harvest, plots for yield, swath straw Sample, bale and weigh straw		
30 Aug-08	a	Baled		

Note: Unground grain and straw was archived.

GRAIN AND STRAW YIELDS TONNES/HECTARE

	GRAIN	STRAW
YIELD	1.46	0.31
MEAN DM%	82.9	87.0

PLOT AREA HARVESTED 0.04431

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