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Yields of the Field Experiments 2014

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Results of the
Classical and other
Long-term Experiments
2014

R/WF/3 Wheat and Fallow

Rothamsted Research

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14/R/WF/3

WHEAT AND FALLOW

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

The 159th year, w. wheat.

For previous years see 'Details' 1967, 1973 and Yield Books for 74-12/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

Date		Application	Rate	Units
01-Oct-13	a	Topping	-	-
09-Oct-13	a	Ploughed	-	-
10-Oct-13	a	Cultipressed	-	-
18-Oct-13	s	Drilled All plots - var. Crusoe	400	seeds/m ²
27-Nov-13	p	Applied Major Slug Pellets	4	kg/ha
27-Nov-13	p	Sprayed Hallmark	50	ml/ha
27-Nov-13	p	Sprayed Liberator	600	ml/ha
27-Nov-13	p	Sprayed Stomp	1.7	l/ha
03-Apr-14	p	Sprayed Artemis	1.0	l/ha
03-Apr-14	p	Sprayed Bravo 500	1.0	l/ha
03-Apr-14	p	Sprayed BASF 3C 720	1.75	l/ha
04-Apr-14	a	Rotavated All Fallow Plots	-	-
09-Apr-14	a	Power-harrowed - Fallows and Fallow plots	-	-
28-Apr-14	a	Sprayed Kingdom	1.25	l/ha
21-Aug-14	a	Harvested		

Grain and straw tonnes/hectare

	Grain	Straw
Yield	1.532	0.6383
DM%	84.83	90.37

Plot area harvested 0.04431

Note: Unground grain and straw was archived.