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Yields of the Field Experiments 2015

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Results of the
Classical and other
Long-term Experiments
2015

R/WF/3 Wheat and Fallow

Rothamsted Research

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15/R/WF/3

WHEAT AND FALLOW

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

The 160th and final year, w. wheat.

For previous years see 'Details' 1967, 1973 and Yield Books for 74-14/R/WF/3.

Whole plot dimensions: 9 x 211

Treatments:

Two plots, one sown to w. wheat, one fallow; alternating in successive years. From 2016 this experiment will be converted to continuous wheat on both plots, with no yields or samples taken at harvest.

Experimental Diary

Date		Application	Rate	Units
08/10/2014	a	Ploughed (thrown North)	-	-
28/10/2014	a	Drilled WW Crusoe dr Redgio	350	seeds/m2
10/11/2014	p	Sprayed Crystal	4	lt/ha
04/12/2014	p	Sprayed Hallmark	50	lt/ha
05/04/2015	p	Sprayed Artemis	1	lt/ha
05/04/2015	p	Sprayed Bravo 500	1	lt/ha
05/04/2015	p	Sprayed Chlormequat 750	1.25	lt/ha
05/04/2015	p	Sprayed Moddus	150	ml/ha
20/04/2015	a	Powerharrowed Fallow	-	-
27/04/2015	p	Sprayed Kingdom	1.25	lt/ha
27/04/2015	p	Sprayed Balear720	700	ml/ha
11/05/2015	a	Powerharrowed all fallow ground	-	-
27/05/2015	p	Sprayed Ally Max	30	gm/ha
27/05/2015	p	Sprayed Bassoon	750	ml/ha
27/05/2015	p	Sprayed Gemstone	1	lt/ha
27/05/2015	p	Sprayed Bravo500	-	-
15/06/2015	p	Sprayed Proline onto WW	500	ml/ha
16/06/2015	a	Rotavated Fallows	-	-
13/09/2015	a	Harvested All Plots for Grain Yield	-	-
13/09/2015	a	Sampled Baled and Weighed	-	-
17/09/2015	a	removed round bales from field	-	-

Grain and straw tonnes/hectare

	Grain	Straw
Yield	2.19	0.86
DM%	83.9	87.6

Plot area harvested 0.04431

Note: Unground grain and straw was archived.