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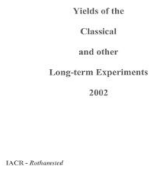
Yields of the Field Experiments 2002



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Rothamsted Research

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02/R/WF/3

WHEAT AND FALLOW

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

The 147th year, w. wheat.

For previous years see 'Details' 1967, 1973 and 74-01/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:

04-Oct-01	T	Ploughed plot to be fallowed.
12-Oct-01	T	Ploughed plot to be wheat.
13-Oct-01	T	Combination drilled, Hereward, tr. Sibutol, at 350 seeds/m^2 with the Accord 1 drill.
11-Dec-01	T	tm)Hawk at 2.0 l in 200 l.
	T	tm)Tolkan liquid at 1.0 l in 200 l.
	T	tm)Phase II at 1.0 l in 200 l.
04-Apr-02	T	tm)Opus at 0.4 l in 100 l.
	T	tm)Twist at 0.6 l in 100 l.
	T	tm)BASF 3C Chlormequat 720 at 1.25 l in 100 l.
	T	tm)Moddus at 0.2 l in 100 l.
10-Apr-02	T	Flexitined.
31-May-02	T	tm)Opus at 0.5 l in 200 l.
	T	tm)Twist at 0.8 l in 200 l.
27-Jun-02	T	Rotary harrowed.
04-Jul-02	T	Rogued wild oats.
29-Jul-02	T	Rotavated.
13-Aug-02	T	Combine harvested, plots for yield. Swathed straw. Sampled, baled and weighed straw.
24-Aug-02	T	Carted bales.

Note: Unground grain and straw was archived.

GRAIN AND STRAW TONNES/HECTARE

	GRAIN	STRAW
YIELD	1.10	0.63
MEAN DM%	78.9	70.6

PLOT AREA HARVESTED 0.04431

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