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ROTHAMSTED
RESEARCH

Yields of the Field Experiments 2002

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Yields of the
Classical
and other
Long-term Experiments
2002

IACR - Rothamsted

02/R/WF/3 - Wheat and Fallow

Rothamsted Research

Rothamsted Research (2003) *02/R/WF/3 - Wheat and Fallow* ; Yields Of The Field Experiments 2002, pp 17 - 18 - DOI: <https://doi.org/10.23637/ERADOC-1-259>

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/m² 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	

