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# Yields of the Field Experiments 2003

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Results of the  
Classical  
and other  
Long-term Experiments  
2003

Rothamsted Research

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## 03/R/WF/3 - Wheat and Fallow

### Rothamsted Research

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03/R/WF/3

WHEAT AND FALLOW

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

The 148th year, w. wheat.

For previous years see 'Details' 1967, 1973 and 74-02/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:**

03-Oct-02 : T : : Chalk applied at 8000 kg/ha, to Western 52m.  
03-Oct-02 : B : : Ploughed, 25 cm wide furrows.  
05-Oct-02 : B : : Rolled.  
07-Oct-02 : T : : Combination drilled, Hereward, tr. Sibutol, at 400  
seeds/m<sup>2</sup> with the Accord drill.  
08-Oct-02 : T : : Rolled.  
17-Feb-03 : T : : tm)Lexus 50 DF at 20 g in 200 l.  
: T : : tm)Stomp 400 SC at 3.0 l in 200 l.  
30-Apr-03 : T : : Springtined fallow strip  
07-May-03 : T : : tm)Ally at 30 3 in 200 l.  
: T : : tm)Starane 2 at 0.75 l in 200 l.  
10-May-03 : T : : tm)Opus at 0.5 l in 200 l.  
: T : : tm)Amistar at 0.6 l in 200 l.  
28-May-03 : T : : tm)Opus at 0.5 l in 200 l.  
: T : : tm)Twist at 1.0 l in 200 l.  
09-Jun-03 : T : : Rotary harrowed fallow strip.  
26-Jul-03 : T : : Touchdown at 4.0 l in 200 l.  
06-Aug-03 : T : : Combine harvested, plots for yield.  
07-Aug-03 : T : : Combine harvested discards. Sampled, baled and  
weighed straw.

**NOTE:** Unground grain and straw was archived.

**GRAIN AND STRAW TONNES/HECTARE**

	GRAIN	STRAW
YIELD	2.06	0.77
MEAN DM%	89.6	86.6
PLOT AREA HARVESTED	0.04431	