

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

# Results of the Classical and Other Long-term Experiments 2004

Results of the  
Classical  
and other  
Long-term Experiments  
2004

Rothamsted Research

[Full Table of Content](#)

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

### Rothamsted Research

Rothamsted Research (2005) *04/R/WF/3 - Wheat and Fallow* ; Results Of The Classical And Other Long-Term Experiments 2004, pp 17 - 17 - DOI: <https://doi.org/10.23637/ERADOC-1-261>

04/R/WF/3

WHEAT AND FALLOW

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

The 149th year, w. wheat.

For previous years see 'Details' 1967, 1973 and 74-03/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:**

17-Sep-03 : : Flexitine  
26-Sep-03 : : Ploughed, 30 cm wide furrows.  
30-Sep-03 : : Combination drilled, Hereward, tr. Sibutol Secur, at  
350 seeds/m<sup>2</sup> with the Accord drill.  
: : Rolled.  
16-Dec-04 : : tm)Arelon 500 at 4 l in 200 l to wheat plot.  
: : tm)Stomp 400 SC at 2.5 l in 200 l to wheat plot.  
14-Apr-04 : : tm)Ally at 30 g in 200 l to fallow plot.  
: : tm)Oxytril CM at 0.5 l in 200 l to fallow plot.  
13-May-04 : : tm)Opus at 0.75 l in 200 l to wheat plot.  
: : tm)Moddus at 0.15 l in 200 l to wheat plot.  
07-Jun-04 : : tm)Opus at 0.75 l in 200 l to wheat plot.  
: : tm)Twist at 0.75 l in 200 l to wheat plot.  
02-Sep-04 : : Combine harvested, plot for yield.  
03-Sep-04 : : Sampled and weighed straw.  
07-Sep-04 : : Combine harvested discards. Swathed and baled straw.

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

**GRAIN AND STRAW TONNES/HECTARE**

	GRAIN	STRAW
YIELD	1.29	0.80
MEAN DM%	87.0	92.0
PLOT AREA HARVESTED	0.04431	