

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 2006

Results of the
Classical
and other
Long-term Experiments
2006

Rothamsted Research

[Full Table of Content](#)

06/R/WF/3 - Wheat and Fallow

Rothamsted Research

Rothamsted Research (2007) *06/R/WF/3 - Wheat and Fallow* ; Results Of The Classical And Other Long-Term Experiments 2006, pp 18 - 18 - DOI: <https://doi.org/10.23637/ERADOC-1-263>

06/R/WF/3

WHEAT AND FALLOW

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

The 151st year, w. wheat.

For previous years see 'Details' 1967, 1973 and 74-05/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:

29-Sep-05 : : Ploughed, 25 cm wide furrows.
04-Oct-05 : : Cultipressed
07-Oct-05 : : cultipressed, combination drilled, Hereward, tr.
Sibutol Secur, at 350 seeds/m² with the Accord
drill, rolled.
17-Oct-05 : : Ice at 4.0 l in 200 l to wheat plot.
05-Dec-05 : : Hallmark with Zeon Technology at 50 ml in 200 L to
wheat plot.
07-Apr-06 : : Springtined fallow plot.
21-Apr-06 : : tm)Opus at 0.75 l in 200 l to wheat plot.
: : tm)Bravo 500 at 1.0 l in 200 l to wheat plot.
: : tm)Flexity at 0.2 L in 200 L to wheat plot.
17-May-06 : : Power harrowed fallow plot.
21-May-05 : : tm)Opus at 0.75 l in 200 l to wheat plot.
: : tm)Bravo 500 at 1.0 l in 200 l to wheat plot.
: : tm)Vivid at 0.4 l in 200 l to wheat plot.
: : tm)Starane 2 at 0.75 l in 200 l to wheat plot.
: : tm)Ally Max SX at 42 g in 200 l to wheat plot.
23-Jun-06 : : Rotovated fallow plot.
06-Aug-06 : : Combine harvested discards, baled straw.
23-Aug-06 : : Combine harvested, plot for yield, swathed straw.
: : Sampled and weighed straw.
25-Aug-06 : : Combine harvested remaining discards, baled straw.

NOTE: Unground grain and straw was archived.

NOTE: Due to an error in weighing it was not possible to obtain a straw DM% and the yield calculation assumes a dry matter of 85%

GRAIN AND STRAW YIELDS TONNES/HECTARE

	GRAIN	STRAW
YIELD	2.58	1.46+
MEAN DM%	84.3	*

+ assuming 85% dry matter

PLOT AREA HARVESTED 0.04431