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Results of the Classical and Other Long-term Experiments 2004

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04/R/WF/3 - Wheat and Fallow

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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/m² 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	