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Results of the Classical and Other Long-term Experiments 2005

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05/R/WF/3 - Wheat and Fallow

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05/R/WF/3

WHEAT AND FALLOW

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

The 150th year, w. wheat.

For previous years see 'Details' 1967, 1973 and 74-04/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-04 : : Ploughed, 25 cm wide furrows.
30-Sep-04 : : Cultipressed
05-Oct-04 : : Flexitined
06-Oct-04 : : Combination drilled, Hereward, tr. Sibutol Secur, at
350 seeds/m² with the Accord drill.
: : Rolled.
25-Nov-04 : : tm)Hawk at 2.0 l in 200 l to wheat plot.
: : tm)Alpha IPU 500 at 2.5 l in 200 l to wheat plot.
: : tm)Nufarm Cropoil at 1.0 l in 200 L to wheat plot.
: : tm)Hallmark with Zeon Technology at 50 ml in 200 L to
wheat plot.
07-Apr-05 : : Springtined fallow plot.
29-Apr-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)Atlas Chlormequat 700 at 2.25 L in 200 L to wheat
plot.
03-May-05 : : Ally SX at 30 g in 200 l to wheat plot.
13-May-05 : : Flexitined fallow plot.
15-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)Starane 2 at 0.5 l in 200 L to wheat plot.
31-May-05 : : tm)Opus at 0.75 l in 200 l to wheat plot.
: : tm)Amistar Opti at 1.5 l in 200 l to wheat plot.
06-Jun-05 : : Power harrowed.
12-Jul-05 : : Power harrowed.
16-Aug-05 : : Combine harvested, plot for yield, swathed straw.
17-Aug-05 : : Sampled and weighed straw.

NOTE: Unground grain and straw was archived.

GRAIN AND STRAW YIELDS TONNES/HECTARE

	GRAIN	STRAW
YIELD	1.92	0.48
MEAN DM%	86.1	88.6
PLOT AREA HARVESTED	0.04431	