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ROTHAMSTED
RESEARCH

Yields of the Field Experiments 2001

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Yields of the
Classical
and other
Long-term Experiments
2001

MACR - Rothamsted

01/R/WF/3 - Wheat and Fallow

Rothamsted Research

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01/R/WF/3

WHEAT AND FALLOW

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

The 146th year, s. wheat.

For previous years see 'Details' 1967, 1973 and 74-00/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:

20-Oct-00 : T : : Ploughed.
26-Oct-00 : T : : Flexitined.
21-Jan-01 : T : : Ploughed.
02-Apr-01 : T : : Combination drilled, Axona, tr. Sibutol, at 350 seeds/m² with the Accord drill.
15-May-01 : T : : tm)Ally at 20 g in 100 l.
 : T : : tm)Starane 2 at 0.5 l in 100 l.
22-May-01 : T : : Touchdown at 3.0 l in 200 l.
13-Jun-01 : T : : Folicur at 0.7 l in 100 l.
26-Jul-01 : T : : Rotary harrowed.
20-Aug-01 : T : : Azural at 4.0 l in 200 l.
07-Sep-01 : T : : Combine harvested plot for yield, and discards.
 : T : : Sampled, baled and weighed straw.
 : T : : Swathed straw.
11-Sep-01 : T : : Baled straw.

Note: Poor weather prevented drilling of winter wheat; spring wheat was sown instead.
Unground grain and straw was archived.

GRAIN AND STRAW TONNES/HECTARE

| | GRAIN | STRAW |
|---------------------|---------|-------|
| YIELD | 0.91 | 0.15 |
| MEAN DM% | 82.8 | 85.0 |
| PLOT AREA HARVESTED | 0.05064 | |