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91/R/WF/3 Wheat and Fallow - W. Wheat

Rothamsted Research

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91/R/WF/3

WHEAT AND FALLOW

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

The 136th year, w. wheat.

For previous years see 'Details' 1967, 1973 and 74-90/R/WF/3.

Whole plot dimensions: 9.0 x 211.

Treatments:

Each year there are two plots, one is sown to w. wheat, one is fallow; they alternate in successive years.

Seed: Apollo, dressed fonofos, sown at 180 kg.

Cultivations, etc.:-

Wheat plot: Rotary harrowed twice, seed sown: 17 Oct, 1990. Combine harvested: 25 Aug, 1991.

Fallow plot: Deep tine cultivated with vibrating tines 60 cm apart, 45 cm deep: 24 Sept, 1990. Ploughed, furrow pressed: 4 Oct. Heavy spring-tine cultivated: 25 Apr, 1991. Spring-tine cultivated: 14 June. Heavy spring-tine cultivated: 8 July.

GRAIN AND STRAW TONNES/HECTARE

	GRAIN	STRAW
YIELD	1.50	1.49
MEAN DM%	82.5	91.8
PLOT AREA HARVESTED	0.04309	