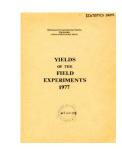
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Yields of the Field Experiments 1977



Full Table of Content

77/R/WF/3 Wheat and Fallow - Wheat

Rothamsted Research

Rothamsted Research (1978) 77/R/WF/3 Wheat and Fallow - Wheat; Yields Of The Field Experiments 1977, pp 21 - 21 - DOI: https://doi.org/10.23637/ERADOC-1-29

77/R/WF/3

WHEAT AND FALLOW

Object: To study the effects of fallowing for one or three years on unmanured winter wheat - Hoosfield.

The 122nd year, winter wheat.

For previous years see 'Details' 1967, 1973 and 74-76/R/WF/3.

Whole plot dimensions: 9.60 x 52.1.

Treatments:

PLOT	LOT Phase of		fallowing			cycle		(up to		1977):-
-	Plot 1	W	F	F	F	W	F	W	F	
-	Plot 2	F	W	F	W	F	W	F	F	
-	Plot 3	W	F	W	F	F	F	W	F	
4/FALL1	Plot 4	F	F	F	W	F	W	F	W	
-	Plot 5	W	F	W	F	W	F	F	F	
6/FALL1	Plot 6	F	W	F	F	F	W	F	W	
-	Plot 7	F	F	W	F	W	F	W	F	
8/FALL3	Plot 8	F	W	F	W	F	F	F	W	

W = wheat, F = fallow.

Basal applications: Weedkillers: Dicamba with mecoprop and MCPA ('Banlene Plus' at 4.9 l in 220 l). Insecticide: Pirimicarb at 0.14 kg in 280 l.

Seed: Cappelle, sown at 200 kg.

Cultivations, etc .:-

Wheat plots: Ploughed: 1 Oct, 1976. Rotary harrowed and seed sown: 24 Nov. Weedkillers applied: 24 May, 1977. Insecticide applied: 15 July. Combine harvested: 8 Sept.

Fallow plots: Ploughed: 1 Oct, 1976, 18 May, 1977 and 20 July. Spring-tine cultivated: 11 Aug.

GRAIN TONNES/HECTARE

***** TABLES OF MEANS *****

PLOT 4/FALL1 6/FALL1 8/FALL3 MEAN 1.95 2.09 2.49 2.17

GRAIN MEAN DM% 81.1

STRAW TONNES/HECTARE

PLOT 4/FALL1 6/FALL1 8/FALL3 MEAN 1.21 1.18 1.24 1.21

STRAW MEAN DM% 89.7

PLOT AREA HARVESTED 0.01483