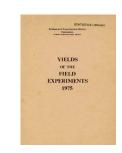
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Yields of the Field Experiments 1975



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Rothamsted Research

Rothamsted Research (1976) 75/ R/WF/3 - Wheat and Fallow - Wheat; Yields Of The Field Experiments 1975, pp 23 - 24 - DOI: https://doi.org/10.23637/ERADOC-1-141

75/R/WF/3

WHEAT AND FALLOW

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

The 120th year, winter wheat.

For previous years see 'Details' 1967, 68/A/3(t), 69-74/R/WF/3.

Whole plot dimensions: 9.61 x 52,1.

Treatments: Phase of fallowing cycle (up to 1975):-

PIOT

Plo	ot	1	W	F	W	F	F	F'	W	F	-
Plo	ot	2	F	F	F	W	F	W	F	W	2/FALL1
Plo			W	F	W	F	W	F	F	F	-
Plo	ot	4	F	W	F	F	F	W	F	W	4/FALL1
Plo			F	F	W	F	W	F	W	F	-
Plo	ot	6	F	W	F	W	F	F	F	W	6/FALL3
Plo	ot	7	W	F	F	F	W	F	W	F	-
Plo	ot	8	\mathbf{F}'	W	F	W	F	W	\mathbb{F}^{ι}	F	-

W = wheat, F = fallow.

Basal applications: Weedkiller: Ioxynil with mecoprop ('Actril C' at 7.0 l in 220 l).

Seed: Cappelle, dressed with dieldrin, sown at 200 kg.

Cultivations, etc.:-

Wheat plots: Ploughed: 28 Oct, 1974. Fower harrowed, seed sown and harrowed in: 8 Nov. Weedkiller applied: 12 May, 1975. Combine harvested: 13 Aug.

Fallow plots: Ploughed: 28 Oct, 1974, 16 May, 1975 and 15 July. Springtine cultivated: 27 May.

75/R/WF/3

*** TABLES OF MEANS ***

GRAIN TONNES/HECTARE

PLOT 2/FALL1 4/FALL1 6/FALL3 MEAN 1.42 1.52 2.07 1.67

GRAIN MEAN DM 86.5

STRAW TONNES/HECTARE

PLOT 2/FALL1 4/FALL1 6/FALL3 MEAN 0.57 0.44 0.51 0.51

STRAW MEAN DAY 94.4

PIOT AREA HARVESTED 0.01483