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Yields of the Field Experiments 1964

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64/R/HWF/A/3 Hoosfield - Wheat After Fallow

Rothamsted Research

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64/A/3

WHEAT AFTER FALLOW - HOOSFIELD 1964

(HWF)

For history, treatments, etc. see 'Details' 1962.

Area of each plot: Squarehead's Master 13/4 - 0.0690.
Rothwell Perdix - 0.0552. Area harvested: 0.0365.

Cultivations, etc.:

Cropped plots. Ploughed: Sept 24, 1963. Seed drilled at
3 bushels: Oct 16. Combine harvested: Aug 28, 1964.

Fallowed plots. Ploughed 3 times: Sept 24, 1963,
May 30, 1964, July 27.

NOTE. Counts of straw number and estimates of eyespot (*Cercospora herpotrichoides*) and take-all (*Ophiobolus graminis*) were made.

SUMMARY OF RESULTS

Plot No. of years of fallow	A2 1	A3 1	A4 3	Mean
Variety	GRAIN			
Squarehead's Master 13/4	6.7	6.1	6.3	6.4
Rothwell Perdix	12.6	12.3	11.0	12.0
Mean	9.6	9.2	8.6	9.2
	STRAW			
Squarehead's Master 13/4	9.8	10.8	10.5	10.4
Rothwell Perdix	13.4	11.0	10.3	11.6
Mean	11.6	10.9	10.4	11.0

Mean D.M. %: Grain 83.0 Straw 91.2

TABLE

WHEAT AFTER FALLOW - WINTERED 1952

(1952)

For details, treatments, etc. see 'Details' 1952.

Area of each plot: Experiment's Master 1/2 - 0.0525.
Subplot's Master - 0.0262. Area harvested: 0.0262.

Investigation, etc.:
Experiment's Master: 1/2, 1952. Seed drilled on
1/2, 1952. Subplot's Master: 1/2, 1952.
For details, see 'Details' 1952, page 24, 1952.
1/2, 1952, page 27.

Area of each plot: Experiment's Master 1/2 - 0.0525.
Subplot's Master - 0.0262. Area harvested: 0.0262.

TABLE OF RESULTS

Year	No. of Years of Fallow			Wheat
	1	2	3	
1952	10.5	10.5	10.5	Experiment's Master 1/2 Subplot's Master
	10.5	10.5	10.5	
1953	10.5	10.5	10.5	Experiment's Master 1/2 Subplot's Master
	10.5	10.5	10.5	
1954	10.5	10.5	10.5	Experiment's Master 1/2 Subplot's Master
	10.5	10.5	10.5	
1955	10.5	10.5	10.5	Experiment's Master 1/2 Subplot's Master
	10.5	10.5	10.5	