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Yields of the Field Experiments 1963

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

Rothamsted Research

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63/A/3

WHEAT AFTER FALLOW - HOOSFIELD 1963

(HWF)

Without manure 1851 and since

For history, treatments etc., see 'Details of the Classical and Long Term Experiments' 1956.

The cropped plots were subdivided and Squarehead's Master 13/4 was sown on the South side, Cappelle on the North.

Area of each plot (acres): Squarehead's Master 13/4 - 0.0690.
Cappelle - 0.0552. Area harvested: 0.0365.

Cultivations, etc.:

Cropped plots. Ploughed: Oct 24, 1962. Seed drilled at 3 bushels per acre: Nov 23. Combine harvested: Sept 10.

Fallowed plots. Ploughed three times: Oct 24, 1962, May 31, 1963, July 16.

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	B3	B4	B1	Mean
	1	1	3	

Grain (at 85% dry matter): cwt per acre

Variety	B3	B4	B1	Mean
Squarehead's Master 13/4	12.4	7.8	12.4	10.9
Cappelle	11.7	13.3	16.6	13.9
Mean	12.0	10.5	14.5	12.4

Straw (at 85% dry matter): cwt per acre

Variety	B3	B4	B1	Mean
Squarehead's Master 13/4	17.4	9.5	16.7	14.5
Cappelle	16.2	15.9	13.7	15.3
Mean	16.8	12.7	15.2	14.9

Mean dry matter % as harvested: Grain 69.8 Straw 76.3