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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
GRAIN				
Variety				
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

WATER TABLE - WASHINGTON STATE

(1957)

For a complete description of the symbols used in this table, see the Introduction, p. 1.

Area of each plot: Department's Station 1716 - 0.0500; National Forest - 0.0500. Area enclosed: 0.0500.

Investigation made: Department's Station 1716 - 1957. Data drilled in: Department's Station 1716 - 1957. Data from National Forest Station 1716 - 1957. Data from National Forest Station 1716 - 1957. Data from National Forest Station 1716 - 1957.

NOTE: Values of water table and elevation of surface (topography, hydrology) and some all (topographic contours) were used.

TABLE OF RESULTS

Year	Station 1716			Station 1716 National Forest
	1957	1958	1959	
Water table	10.5	10.5	10.5	10.5
	11.0	11.0	11.0	11.0
Elevation of surface	10.5	10.5	10.5	10.5
	11.0	11.0	11.0	11.0
Total	10.5	10.5	10.5	10.5
	11.0	11.0	11.0	11.0