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## Yields of the Field Experiments 1951

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### 51/CA/1 Wheat - Control of Eyespot Rotation - Rothamsted

#### Rothamsted Research

Rothamsted Research (1952) *51/CA/1 Wheat - Control of Eyespot Rotation - Rothamsted* ; Yields Of The Field Experiments 1951, pp 60 - 60 - DOI: <https://doi.org/10.23637/ERADOC-1-171>

51/Ga/1

WHEAT

Control of Eyespot Rotation Experiment - Little Knott 1951 the 3rd year.

Arrangement of previous treatment crops: 4 longitudinal and 4 cross strips.

Area of each plot: Variable. Area harvested: Plot 225 (WW) 0.008 acre, average of remainder 0.08 acre.

Treatments: Longitudinal strips, crops grown in 1950 -  
 Wheat; Oats; Barley; Ryegrass  
 Cross strips, crops grown in 1949 -  
 Wheat; Winter Beans; Potatoes; Fallow.

Basal manuring:  $2\frac{1}{2}$  cwt sulphate of ammonia per acre.

Cultivations, etc: Ploughed: Sept 11. Seed drilled at 3 bushels per acre: Oct 18. Sprayed with D.N.O.C.: May 11. Sulphate of ammonia applied: May 26. Harvested: Aug 23. Variety: Squareheads Master 13/4.

Summary of Results

Crop in 1950

	Wheat	Oats	Barley	Rye- grass	Mean
Crop in 1949	Grain: cwt per acre				
Wheat	24.6	33.8	24.9	32.0	28.8
Beans	21.4	33.7	21.8	35.6	28.1
Potatoes	22.4	32.8	25.9	37.3	29.6
Fallow	23.6	35.5	29.8	39.4	32.1
Mean	23.0	34.0	25.6	36.1	29.7
	Straw: cwt per acre				
Wheat	34.7 <sup>2a</sup>	47.3	38.3	45.8	41.5
Beans	30.7	48.3	34.3	50.1	40.8
Potatoes	29.9	43.8	39.2	51.9	41.2
Fallow	33.5	46.2	40.7	54.9	43.8
Mean	32.2	46.4	38.1	50.7	41.8

<sup>2a</sup> Estimated value