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Yields of the Field Experiments 1952

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52/A/1 Broadbalk - Wheat - Rothamsted

Rothamsted Research

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52/A/1

WHEAT - BROADBALK 1952

The 109th year

For history, details of treatments etc. see "Results of the Field Experiments 1939-1947".

Cultivations, etc.:

Crop sections. Dung applied, ploughed all plots: Sept 7.

Autumn fertilizers applied: Oct 22. Seed drilled at $3\frac{1}{4}$ bushels per acre: Nov 5. Spring fertilizers applied: Apr 21. Second dressing of nitrate of soda applied to plot 16: May 13.

Harvested: Aug 22. Variety: Squareheads Master 13/4.

Fallow section. Ploughed: Sept 6, Apr 22, June 26 and Aug 27.

Summary of Results

Section Years after Fallow	Grain: cwt per acre					Straw: cwt per acre				
	I	III	IV	V		I	III	IV	V	
	1	2	3	4	Mean	1	2	3	4	Mean
2A	22.7	20.8	26.0	24.2	23.4	40.8	38.2	44.8	43.4	41.8
2B	23.8	21.8	26.3	25.1	24.2	45.4	42.4	44.6	42.5	43.7
3	18.2	9.7	10.1	9.8	12.0	36.7	13.5	14.1	13.9	19.6
5	22.1	10.4	11.4	10.8	13.7	39.4	16.0	18.9	20.5	23.7
6	21.2	17.2	16.9	16.8	18.0	40.9	27.0	31.2	30.9	32.5
7	25.7	21.7	20.8	18.8	21.8	44.4	41.8	43.9	41.2	42.8
8	23.1	25.3	24.4	23.8	24.2	44.8	48.4	51.0	47.6	48.0
9	22.3	17.8	18.6	18.2	19.2	40.5	34.5	39.6	36.8	37.8
10	16.7	20.2	21.3	17.9	19.0	30.3	35.1	37.1	31.6	33.5
11	19.3	18.7	21.9	18.5	19.6	32.6	30.2	35.8	33.1	32.9
12	22.8	22.4	20.0	19.6	21.2	38.8	36.2	36.2	34.4	36.4
13	23.0	23.9	21.5	16.1	21.1	43.9	42.1	36.9	33.5	39.1
14	20.6	23.4	22.7	17.6	21.1	39.0	37.5	38.0	31.7	36.6
15	23.0	18.1	17.6	15.4	18.5	38.6	34.0	31.9	32.2	34.2
16	22.0	24.3	23.9	21.1	22.8	44.5	44.2	45.2	41.2	43.8
17	22.0	21.0	22.1	20.6	21.4	40.1	38.3	40.7	41.7	40.2
18	16.9	9.8	9.4	8.0	11.0	26.3	14.2	13.7	13.2	16.8
19	21.6	17.8	14.8	16.9	17.8	38.4	30.7	25.0	31.1	31.3
20	16.9	-	-	-	16.9	30.1	-	-	-	30.1