

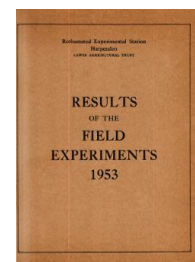
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Yields of the Field Experiments 1953

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53/A/1 Broadbalk - Wheat - Rothamsted

Rothamsted Research

Rothamsted Research (1954) *53/A/1 Broadbalk - Wheat - Rothamsted* ; Yields Of The Field Experiments 1953, pp 4 - 4 - DOI: <https://doi.org/10.23637/ERADOC-1-173>

53/A/1

WHEAT - BROADBALK 1953

The 110th year

For history, details of treatments etc. see "Results of the Field Experiments 1939-47" Vol. I, Section A/1.

Cultivations, etc.:

Cropped sections. Dung applied and all plots ploughed: Sept 3, 1952.
Autumn fertilizers applied: Nov 11. Seed drilled at 3 bushels per acre: Nov 12. Spring fertilizers applied: Apr 23, 1953.
Second dressing of nitrate of soda applied to plot 16: May 13.
Harvested: Aug 25. Variety: Squareheads Master 13/4.

Fallow section. Ploughed: Sept 3, 1952, Mar 22 and June 10, 1953.

Summary of Results

Section Years after Fallow	Grain: cwt per acre					Straw: cwt per acre				
	II	I	III	IV	Mean	II	I	III	IV	Mean
	1	2	3	4		1	2	3	4	
2A	29.3	20.9	23.0	25.0	24.6	60.3	48.1	46.3	47.7	50.6
2B	24.8	22.4	23.4	25.0	23.9	57.9	62.1	46.2	53.5	54.9
3	16.5	13.7	13.2	12.4	14.0	35.1	28.8	21.0	21.2	26.5
5	11.6	12.9	8.4	13.8	11.7	32.6	33.9	22.8	26.0	28.8
6	17.9	17.3	16.3	14.9	16.6	46.5	40.6	35.2	32.5	38.7
7	16.3	22.3	22.6	20.4	20.4	46.9	53.4	47.0	44.0	47.8
8	21.9	22.6	22.9	28.1	23.9	48.8	58.8	53.8	55.7	54.3
9	19.9	18.5	17.9	16.4	18.2	45.8	46.1	35.3	30.3	39.4
10	16.4	25.5	20.2	19.1	20.3	34.7	44.4	35.4	35.8	37.6
11	16.0	24.0	19.8	17.2	19.2	31.7	41.2	35.8	34.1	35.7
12	18.6	24.7	21.4	19.0	20.9	36.3	50.3	41.1	38.8	41.6
13	24.2	24.3	22.6	18.6	22.4	46.6	47.9	45.3	35.7	43.9
14	16.8	23.5	22.6	19.1	20.5	37.9	39.8	41.5	39.8	39.8
15	25.7	19.9	19.4	14.9	20.0	51.6	37.9	40.2	31.0	40.2
16	24.1	22.5	20.3	17.6	21.1	51.9	49.6	48.7	48.9	49.8
17	20.2	14.7	14.9	8.5	14.6	36.2	25.5	25.4	19.8	26.7
18	23.9	26.1	20.7	21.0	22.9	49.2	47.5	44.5	42.8	46.0
19	19.3	19.5	15.8	15.4	17.5	38.1	40.7	35.1	32.6	36.6
20	21.1	27.8	-	-	24.4	35.5	49.8	-	-	42.6