

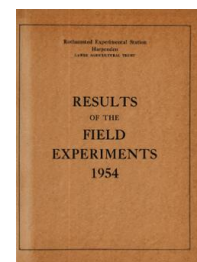
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Yields of the Field Experiments 1954

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54/R/A/1 Broadbalk - Wheat

Rothamsted Research

Rothamsted Research (1955) *54/R/A/1 Broadbalk - Wheat* ; Yields Of The Field Experiments 1954, pp 4 - 4 - DOI: <https://doi.org/10.23637/ERADOC-1-184>

54/A/1

WHEAT - BROADBALK 1954

The 111th 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, ploughed all plots: Sept 16, 1953.
Autumn fertilizers applied: Oct 21. Seed drilled at 3 bushels per acre: Oct 23. Spring fertilizers applied: Apr 22, 1954.
Second dressing of nitrate of soda applied to plot 16: May 11.
Harvested: Aug 30. Variety: Squareheads Master 13/4.
Fallow section. Ploughed: Sept 16, 1953, Dec 11 and June 17, 1954.

Summary of Results

Section Years after fallow	Grain (at 85% dry matter): cwt per acre					Straw (at 85% dry matter): cwt per acre				
	V	II	I	III	Mean	V	II	I	III	Mean
	1	2	3	4		1	2	3	4	
2A	27.6	22.7	15.7	19.0	21.3	62.3	49.0	42.9	42.3	49.1
2B	25.4	24.5	15.6	24.2	22.4	59.0	53.7	45.8	49.1	51.9
3	16.4	7.8	6.6	7.4	9.6	32.5	16.8	13.4	16.0	19.7
5	19.8	14.5	9.4	14.6	14.6	40.0	35.8	25.2	29.8	32.7
6	22.7	16.4	12.4	16.9	17.1	48.5	38.5	30.9	37.0	38.7
7	24.4	21.5	14.6	22.3	20.7	52.0	44.1	37.6	44.3	44.5
8	27.6	25.9	16.9	23.6	23.5	60.3	50.8	45.1	48.6	51.2
9	17.9	16.8	15.3	18.2	17.1	41.1	32.0	32.6	35.7	35.3
10	19.7	17.3	13.8	15.2	16.5	47.3	27.9	28.3	29.0	33.1
11	15.8	18.3	14.4	15.8	16.1	39.5	35.6	32.7	30.7	34.6
12	19.0	18.2	15.5	14.9	16.9	47.2	35.7	33.1	30.9	36.7
13	23.3	18.4	14.6	18.7	18.8	55.3	35.9	30.4	37.7	39.8
14	23.1	16.1	15.3	15.1	17.4	48.9	33.0	30.3	32.3	36.1
15	24.1	16.0	13.9	16.2	17.5	51.4	32.3	30.2	29.5	35.9
16	21.7	23.5	19.1	23.5	22.0	50.1	43.4	39.3	45.3	44.5
17	22.2	17.6	16.0	19.9	18.9	50.5	33.7	31.9	34.4	37.6
18	18.5	5.7	2.7	4.4	7.8	42.4	11.0	9.2	10.4	18.3
19	20.9	16.2	13.2	16.1	16.6	53.2	29.1	31.3	31.8	36.4
20	-	14.4	12.6	-	13.5	-	30.1	25.3	-	27.7

Mean dry matter % as harvested, Grain: 81.7
Straw: 81.9