

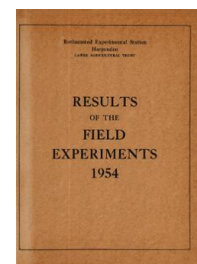
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

## Yields of the Field Experiments 1954

[Full Table of Content](#)



---

### 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