

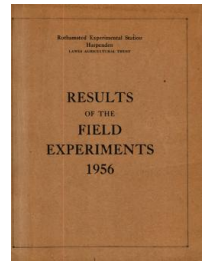
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1956

[Full Table of Content](#)



56/R/A/1 Broadbalk - Wheat

Rothamsted Research

Rothamsted Research (1957) *56/R/A/1 Broadbalk - Wheat* ; Yields Of The Field Experiments 1956, pp 4 - 5 - DOI: <https://doi.org/10.23637/ERADOC-1-176>

56/A/1.1

WHEAT - BROADBALK 1956

The 113th year

For history, treatments etc., see "Details of the Classical and Long Term Experiments" 1956.

Cultivations, etc.:

Cropped sections. Ground chalk and dung applied: Sept 6, 1955.

Ploughed: Sept 7 - 14. Autumn fertilizers applied: Sept 29.

Seed drilled at $2\frac{3}{4}$ bushels per acre: Nov 2. Spring fertilizers applied: May 9 - 10, 1956. Second dressing of nitrate of soda applied to plot 16: May 24. Harvested: Sept 1 - 4. Variety: Squareheads Master 13/4.

Fallow section . (IB) Ploughed: Sept 7 - 14, 1955, May 12 - 15, 1956 and July 17 - 18.

Summary of Results

Grain (at 85% dry matter): cwt per acre

Section Years after fallow	III	IV	VA	VB	II	IA	Mean
	1	2	Unlimed 3	Limed 3	4	5	
2A	27.3	22.3	22.7	19.5	22.6	18.1	23.0
2B	27.4	24.4	23.3	21.5	20.2	19.7	23.4
3	17.1	8.4	8.1	6.9	8.6	11.6	10.4
5	20.9	10.3	10.0	8.4	13.1	14.9	13.4
6	24.0	16.7	13.2	11.8	15.8	15.3	17.1
7	22.3	22.2	18.1	14.2	18.0	19.1	19.6
8	21.4	23.6	21.2	17.2	19.2	20.8	20.8
9	21.1	15.0	13.1	15.2	12.2	11.7	15.4
10	14.9	14.4	9.5	9.2	8.1	13.7	11.8
11	13.0	13.4	9.4	7.3	10.6	13.2	11.4
12	15.4	17.4	10.1	10.6	12.1	17.5	14.0
13	22.4	20.5	17.7	11.8	16.2	17.3	18.3
14	15.5	18.4	15.6	8.8	10.4	15.7	14.2
15	22.2	19.0	14.2	9.9	15.6	15.5	17.1
16	21.2	18.6	14.1	12.9	15.4	14.5	17.0
17	22.5	16.4	11.8	13.2	13.9	16.8	16.3
18	16.1	8.9	6.6	7.2	6.0	6.3	9.3
19	19.3	15.6	12.6	10.2	13.7	15.9	15.0
20	-	-	-	-	8.6	14.7	10.2

Mean dry matter % as threshed: 80.7

56/A/1.2

Straw (at 85% dry matter): cwt per acre

Section Years after fallow	III	IV	VA	VB	II	IA	Mean
	1	2	Unlimed 3	Limed 3	4	5	
2A	56.6	43.2	42.9	41.2	43.9	33.8	45.7
2B	51.2	45.3	40.7	41.0	38.7	35.9	43.5
3	27.5	14.1	14.6	12.6	13.0	13.3	16.8
5	30.0	19.4	21.9	19.4	20.4	20.2	22.5
6	36.6	28.8	26.1	22.7	22.4	21.2	27.6
7	38.7	37.9	33.6	28.9	29.5	27.0	33.9
8	34.4	42.0	38.2	32.7	29.1	33.1	35.1
9	32.7	25.8	22.2	24.2	19.2	16.0	24.7
10	25.0	21.9	18.8	17.1	15.6	20.2	20.1
11	25.6	23.8	23.2	20.2	18.2	21.2	22.3
12	27.1	28.4	26.6	20.2	19.7	28.0	24.8
13	37.1	32.5	31.0	25.3	26.5	27.4	30.8
14	26.0	29.8	23.9	21.8	16.3	25.1	23.8
15	38.7	32.7	31.1	28.0	27.9	27.2	31.9
16	39.1	31.4	27.1	26.0	25.5	24.4	30.2
17	36.0	27.5	25.4	25.9	21.4	22.2	27.3
18	30.9	16.3	15.3	20.5	10.2	10.5	18.3
19	33.4	29.0	27.5	23.2	22.6	23.7	27.4
20	-	-	-	-	16.6	19.8	17.4

Mean dry matter % as threshed: 80.6