

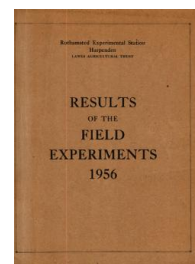
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## Yields of the Field Experiments 1956

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### 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  $1\frac{3}{4}$ .

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