

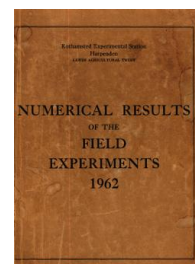
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Yields of the Field Experiments 1962

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62/R/A/1 Broadbalk - Wheat

Rothamsted Research

Rothamsted Research (1963) *62/R/A/1 Broadbalk - Wheat* ; Yields Of The Field Experiments 1962, pp 5 - 6 - DOI: <https://doi.org/10.23637/ERADOC-1-164>

62/A/1.1

WHEAT - BROADBALK 1962

The 119th year

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

Cultivations, etc.:

Cropped sections. Dung and ground chalk applied, all plots ploughed: Sept 7, 1961. Autumn fertilisers applied: Sept 29. Seed drilled at 3 bushels per acre: Nov 1. Spring fertilisers applied: Apr 17, 1962. Section IA sprayed with MCPA/TBA at 4 pints in 40 gallons per acre: Apr 24. Second dressing of nitrate of soda applied to plot 16: May 4. Combine harvested: Sept 15. Variety: Squarehead's Master 13/4.

Fallow section. (II) Ploughed: Sept 7, 1961; May 16, 1962; July 16.

Broadbalk Wilderness. N.

Cultivations, etc.: Shrubs grubbed out: Nov 17 - 30, 1961. Part grazed: Dec 12 - 13; May 11 - 30, 1962; June 12 - 18; July 27 - Aug 1; Sept 6 - 26. Grass topped: May 23; Aug 1; Sept 26.

Summary of Results

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

Section Years after fallow	IB	III	IV	VA	VB	IA	Mean
	1	2	3	unlimed 4	limed 4	11	
2A	40.9	22.2	26.0	24.3	23.3	26.9	26.5
2B	37.5	25.9	26.7	25.2	24.2	27.0	27.4
3	18.5	11.7	9.5	11.2	10.8	12.5	11.9
5	23.1	11.8	12.4	12.4	11.4	13.1	13.6
6	23.0	16.0	14.8	12.2	14.1	17.3	15.9
7	29.4	23.1	21.4	16.6	15.3	22.7	21.5
8	26.5	32.4	28.1	24.6	20.6	31.9	27.7
9	23.8	19.3	17.5	14.6	12.9	22.6	18.1
10	19.7	24.2	21.8	20.6	18.1	20.9	21.4
11	22.9	24.9	20.3	19.0	15.8	28.2	21.6
12	22.2	24.6	19.0	19.5	17.3	25.3	21.2
13	27.6	20.7	17.1	17.1	15.7	26.4	19.9
14	25.0	24.9	19.7	19.2	16.9	26.7	21.8
15	24.0	20.2	19.0	16.8	12.0	19.6	18.8
16	24.2	27.7	25.8	21.9	21.7	27.2	25.1
17	24.8	25.1	21.3	19.8	18.4	24.8	22.4
18	17.2	10.7	8.9	9.4	9.9	12.9	11.0
19	25.0	20.4	15.0	13.0	14.4	21.9	17.9
20	16.9					14.9	16.2

Mean dry matter % as harvested: 78.6

62/A/1.2

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

Section Years after fallow	IB	III	IV	VA	VB	IA	Mean
	1	2	3	unlined 4	lined 4	11	
2A	45.5	32.8	29.8	24.9	24.8	30.5	31.4
2B	44.4	38.6	32.7	32.9	26.5	26.9	34.6
3	15.8	13.0	8.2	10.6	9.3	10.7	11.1
5	27.7	13.6	12.4	15.6	14.1	12.7	15.5
6	27.5	18.8	17.0	15.9	18.1	20.6	19.1
7	36.5	27.0	30.3	28.6	25.7	25.3	29.1
8	35.8	38.4	34.5	33.0	28.4	36.8	34.8
9	27.7	27.8	27.4	22.0	21.1	30.1	26.1
10	16.8	25.5	20.0	23.1	13.5	22.0	20.7
11	20.9	26.4	18.0	19.6	13.5	25.4	20.7
12	21.8	23.3	19.9	20.7	17.4	25.7	21.2
13	35.3	25.4	24.5	25.3	23.6	31.8	26.7
14	26.4	25.4	20.8	22.8	19.2	30.0	23.4
15	31.9	22.4	19.2	21.5	11.8	24.7	21.4
16	31.2	37.3	32.2	28.0	28.8	39.6	32.9
17	29.4	29.4	26.7	24.9	24.4	30.0	27.4
18	20.4	9.9	10.2	9.3	9.5	13.1	11.5
19	30.4	22.5	18.6	16.3	17.3	24.9	21.2
20	20.8					17.2	19.6

Mean dry matter % as harvested: 87.2