

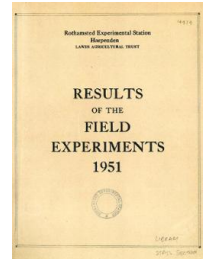
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Yields of the Field Experiments 1951

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51/A/1 Broadbalk - Wheat

Rothamsted Research

Rothamsted Research (1952) *51/A/1 Broadbalk - Wheat* ; Yields Of The Field Experiments 1951, pp 4 - 4 - DOI: <https://doi.org/10.23637/ERADOC-1-171>

51/A/1

WHEAT - BROADBALK 1951

The 108th year

For details of treatments etc see Appendix Y 1950.

Cultivations, etc:

Cropped sections. Ploughed all except dung plots: Aug 24.
 Dung applied and ploughed in: Sept 8. Autumn application of
 artificials: Oct 23. Seed drilled at 3 bushels per acre:
 Oct 25. Spring application of nitrogenous fertilizers:
 Apr 11. Second dressing of nitrate of soda applied to plot
 16: May 8. Harvested: Aug 21. Variety: Squareheads
 Master (13/4).
Fallow section. Ploughed: Aug 24, Apr 24 and July 9.

Summary of Results

	Total Grain: cwt per acre					Total straw ²⁸ : cwt per acre				
Section	III	IV	V	II	Mean	III	IV	V	II	Mean
Years after Fallow	1	2	3	4		1	2	3	4	
2A	30.7	22.7	21.6	18.9	23.5	48.9	36.9	31.6	29.7	36.8
2B	34.6	23.4	22.3	21.0	25.3	52.8	39.2	33.6	33.4	39.8
3	16.2	8.4	8.4	8.1	10.3	23.2	11.7	11.5	11.0	14.4
5	17.6	8.0	7.8	10.4	11.0	28.9	11.5	11.0	18.9	17.6
6	23.7	10.8	8.8	12.2	13.9	35.9	17.8	15.1	22.9	22.9
7	28.7	17.5	13.2	14.1	18.4	50.7	36.5	27.8	28.7	35.9
8	33.2	23.9	22.3	20.6	25.0	60.0	53.7	42.3	44.8	50.2
9	24.6	17.8	14.2	13.3	17.5	42.2	31.7	27.0	24.3	31.3
10	28.7	19.5	13.8	13.8	19.0	45.0	31.4	23.2	22.3	30.5
11	26.9	15.0	15.2	14.6	17.9	36.1	25.6	24.7	22.5	27.2
12	28.6	20.9	17.6	15.7	20.7	38.4	33.0	29.4	23.7	31.1
13	30.9	15.9	11.9	17.3	19.0	50.0	31.1	23.1	33.2	34.4
14	29.7	15.7	18.4	16.0	20.0	42.8	28.7	28.6	25.0	31.3
15	28.0	13.5	8.1	13.2	15.7	40.3	21.7	12.0	19.9	23.5
16	34.1	22.6	19.5	23.2	24.8	61.8	43.5	39.2	37.8	45.6
17	21.9	8.9	6.7	6.3	11.0	33.4	13.2	7.2	9.9	15.9
18	29.0	14.6	12.5	17.5	18.4	45.9	24.7	22.0	30.3	30.7
19	28.1	14.8	12.5	15.2	17.6	39.0	24.8	19.5	19.5	25.7
20	-	-	-	15.2	15.2	-	-	-	28.0	28.0

²⁸ Includes straw, cavings and chaff.