

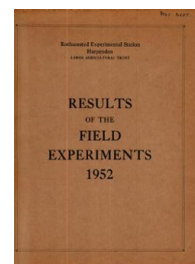
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Yields of the Field Experiments 1952

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52/A/1 Broadbalk - Wheat - Rothamsted

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52/A/1

WHEAT - BROADBALK 1952

The 109th year

For history, details of treatments etc. see "Results of the Field Experiments 1939-1947".

Cultivations, etc.:

Crop sections. Dung applied, ploughed all plots: Sept 7.
Autumn fertilizers applied: Oct 22. Seed drilled at $3\frac{1}{4}$ bushels per acre: Nov 5. Spring fertilizers applied: Apr 21. Second dressing of nitrate of soda applied to plot 16: May 13.
Harvested: Aug 22. Variety: Squareheads Master 13/4.
Fallow section. Ploughed: Sept 6, Apr 22, June 26 and Aug 27.

Summary of Results

| Section Years after Fallow | Grain: cwt per acre | | | | | Straw: cwt per acre | | | | |
|-------------------------------------|---------------------|------|------|------|------|---------------------|------|------|------|------|
| | I | III | IV | V | Mean | I | III | IV | V | Mean |
| | 1 | 2 | 3 | 4 | | 1 | 2 | 3 | 4 | |
| 2A | 22.7 | 20.8 | 26.0 | 24.2 | 23.4 | 40.8 | 38.2 | 44.8 | 43.4 | 41.8 |
| 2B | 23.8 | 21.8 | 26.3 | 25.1 | 24.2 | 45.4 | 42.4 | 44.6 | 42.5 | 43.7 |
| 3 | 18.2 | 9.7 | 10.1 | 9.8 | 12.0 | 36.7 | 13.5 | 14.1 | 13.9 | 19.6 |
| 5 | 22.1 | 10.4 | 11.4 | 10.8 | 13.7 | 39.4 | 16.0 | 18.9 | 20.5 | 23.7 |
| 6 | 21.2 | 17.2 | 16.9 | 16.8 | 18.0 | 40.9 | 27.0 | 31.2 | 30.9 | 32.5 |
| 7 | 25.7 | 21.7 | 20.8 | 18.8 | 21.8 | 44.4 | 41.8 | 43.9 | 41.2 | 42.8 |
| 8 | 23.1 | 25.3 | 24.4 | 23.8 | 24.2 | 44.8 | 48.4 | 51.0 | 47.6 | 48.0 |
| 9 | 22.3 | 17.8 | 18.6 | 18.2 | 19.2 | 40.5 | 34.5 | 39.6 | 36.8 | 37.8 |
| 10 | 16.7 | 20.2 | 21.3 | 17.9 | 19.0 | 30.3 | 35.1 | 37.1 | 31.6 | 33.5 |
| 11 | 19.3 | 18.7 | 21.9 | 18.5 | 19.6 | 32.6 | 30.2 | 35.8 | 33.1 | 32.9 |
| 12 | 22.8 | 22.4 | 20.0 | 19.6 | 21.2 | 38.8 | 36.2 | 36.2 | 34.4 | 36.4 |
| 13 | 23.0 | 23.9 | 21.5 | 16.1 | 21.1 | 43.9 | 42.1 | 36.9 | 33.5 | 39.1 |
| 14 | 20.6 | 23.4 | 22.7 | 17.6 | 21.1 | 39.0 | 37.5 | 38.0 | 31.7 | 36.6 |
| 15 | 23.0 | 18.1 | 17.6 | 15.4 | 18.5 | 38.6 | 34.0 | 31.9 | 32.2 | 34.2 |
| 16 | 22.0 | 24.3 | 23.9 | 21.1 | 22.8 | 44.5 | 44.2 | 45.2 | 41.2 | 43.8 |
| 17 | 22.0 | 21.0 | 22.1 | 20.6 | 21.4 | 40.1 | 38.3 | 40.7 | 41.7 | 40.2 |
| 18 | 16.9 | 9.8 | 9.4 | 8.0 | 11.0 | 26.3 | 14.2 | 13.7 | 13.2 | 16.8 |
| 19 | 21.6 | 17.8 | 14.8 | 16.9 | 17.8 | 38.4 | 30.7 | 25.0 | 31.1 | 31.3 |
| 20 | 16.9 | - | - | - | 16.9 | 30.1 | - | - | - | 30.1 |