

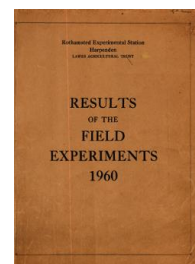
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

# Yields of the Field Experiments 1960

[Full Table of Content](#)



---

## 60/R/A/2 Hoosfield - Barley

### Rothamsted Research

Rothamsted Research (1961) *60/R/A/2 Hoosfield - Barley*; Yields Of The Field Experiments 1960, pp 7 - 8 - DOI: <https://doi.org/10.23637/ERADOC-1-180>

60/A/2.1

BARLEY - HOOSFIELD 1960

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

Note:

In 1960 on strips 1, 2, 3 and 4 the number of row spaces was reduced from 98 to 96 and yields estimated from 4 combine cuts per plot. On strip 6 there were 72 row spaces instead of 74 and yields estimated from 3 combine cuts per plot. On strip 7 yields were estimated from 2 combine cuts per plot. Manures were applied to the full plot areas as hitherto.

On plots showing an uneven growth, straw weights were recorded for all cuts; on the remainder one weight only was taken from a cut chosen at random.

Cultivations, etc.: Sprayed part of plots 5A, 4C, 5.0 with dalapon at 8 lb in 20 gallons per acre: Aug 26, 1959. All plots sprayed with 2,4-D ester at  $1\frac{3}{4}$  pints in 40 gallons per acre: Aug 27. Quinquennial chalk supplement applied to series A, C and plot 5A; resprayed part of plots 5A, 4C, 5.0 with dalapon at 4 lb in 40 gallons per acre: Sept 7. Dung applied, ploughed: ~~Mar~~<sup>Nov</sup> 20. Fertilisers applied: Apr 4, 1960. Seed drilled at  $2\frac{3}{4}$  bushels per acre: Apr 7. Strips 1, 2 and 3 sprayed with MCPA at  $6\frac{1}{2}$  pints (30% potassium salt) in 40 gallons per acre; and strips 6 and 7 sprayed with CMPP at 6 pints in 40 gallons per acre: May 24. Combined: Sept 5. Variety: Plumage Archer.

60/A/2.2

Summary of Results

| Plot                              | Grain<br>(at 85% dry<br>matter):<br>cwt per acre | Straw<br>(at 85% dry<br>matter):<br>cwt per acre |
|-----------------------------------|--|--|
| 1 O                               | 8.6  | 3.8  |
| 2 O                               | 10.5   | 3.8  |
| 3 O                               | 9.8  | 4.5  |
| 4 O                               | 12.9   | 7.1  |
| 5 O                               | 12.0   | 8.0  |
| 1 A                               | 10.8   | 5.2  |
| 2 A                               | 12.2   | 6.9  |
| 3 A                               | 12.9   | 9.6  |
| 4 A                               | 19.1   | 12.7   |
| 5 A                               | 20.4   | 14.6   |
| 1 AA                              | 12.7   | 7.4  |
| 2 AA                              | 17.5   | 11.1   |
| 3 AA                              | 14.2   | 10.8   |
| 4 AA                              | 18.4   | 12.8   |
| 1 AAS                             | 19.9   | 10.6   |
| 2 AAS                             | 22.5   | 11.6   |
| 3 AAS                             | 20.0   | 14.8   |
| 4 AAS                             | 26.5   | 19.1   |
| 1 C                               | 17.4   | 7.4  |
| 2 C                               | 19.1   | 6.9  |
| 3 C                               | 18.2   | 10.4   |
| 4 C                               | 22.0   | 13.6   |
| 7 - 1                             | 16.4   | 10.8   |
| 7 - 2                             | 31.7   | 20.1   |
| 6 - 1                             | 10.1   | 9.4  |
| 6 - 2                             | 10.8   | 6.2  |
| 1 N                               | 11.4   | 6.6  |
| 2 N                               | 14.7   | 8.5  |
| Mean dry matter %<br>as harvested | 77.6   | 79.8   |