

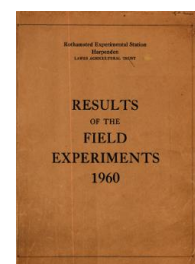
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Yields of the Field Experiments 1960

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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: ^{Nov}Mar 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 4, 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 (at 85% dry matter): cwt per acre	Straw (at 85% dry matter): 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 % as harvested		77.6	79.8