

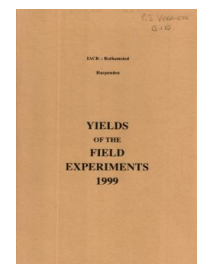
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## Yields of the Field Experiments 1999

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### 99/W/WW/2 Testing Weed Control Thresholds - W. Wheat

#### Rothamsted Research

Rothamsted Research (2000) *99/W/WW/2 Testing Weed Control Thresholds - W. Wheat* ; Yields Of The Field Experiments 1999, pp 116 - 117 - DOI: <https://doi.org/10.23637/ERADOC-1-34>

99/W/WW/1

**GRAIN TONNES/HECTARE**

\*\*\*\*\* Tables of means \*\*\*\*\*

**DENSITY**

D1	7.95
D2	7.95
D3	7.78

Mean	7.89
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\*\*\* Standard errors of differences of means \*\*\*

**DENSITY**

0.569

\*\*\*\*\* Stratum standard errors and coefficients of variation \*\*\*\*\*

Stratum	d.f.	s.e.	cv%
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BLOCK.WP	4	0.697	8.8
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GRAIN MEAN DM% 84.9

PLOT AREA HARVESTED 0.00230

99/W/WW/2

WINTER WHEAT

TESTING WEED CONTROL THRESHOLDS

**Object:** To test the validity of threshold values for weed density - Woburn, Lansome II.

**Sponsors:** J.W. Cussans, P.J.W. Lutman, A. Blair (ADAS), S. Ingle (ADAS).

**Design:** 3 blocks of 3 x 3 + 3.

**Plot dimensions:** 4.0 x 17.5.

**Treatments:** All combinations of:-

- |                    |   |
|--------------------|---|
| 1. <b>HERB DEC</b> | Herbicide and timing:                         |
| E                  | Autumn  |
| L                  | Spring  |
| U                  | Selective herbicides                          |
| 2. <b>WEEDSPEC</b> | Weed species:                                 |
| MP                 | Mayweed ( <i>Matricaria perforata</i> )       |
| SM                 | Chickweed ( <i>Stellaria media</i> )          |
| AM                 | Black-grass ( <i>Alopecurus myosuroides</i> ) |
| <b>EXTRA</b>       | None (triplicated)                            |

**Experimental diary:**

13-Oct-98	: B :	: Rotary harrowed.
	: T : MP, SM, AM	: Weed seed broadcast as treatment.
	: B :	: Consort, tr. Beret Gold, drilled at 380 seeds/m <sup>2</sup> with the Accord drill.
20-Oct-98	: B :	: Hardy at 7.5 kg.
22-Jan-99	: T : E MP, E SM, E AM	: Tolkan Liquid at 4.0 l with Panther at 2.0 l in 225 l.
20-Feb-99	: B :	: 34.5% N at 145 kg.
03-Apr-99	: B :	: 34.5% N at 145 kg.
08-Apr-99	: T : L AM	: Topik at 0.25 with Ally at 30 g in 225 l.
	: T : U SM	: Dow Shield at 0.5 l in 225 l.
	: T : U AM, L SM, L MP	: Ally at 30 g in 225 l.
30-Apr-99	: B :	: tm)Folicur at 0.5 l in 200 l.
	: B :	: tm)Atlas Chlormequat 700 at 2.0 l in 200 l.
21-Aug-99	: B :	: Combine harvested.