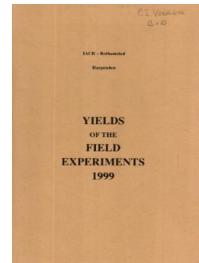


Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



# Yields of the Field Experiments 1999

[Full Table of Content](#)



## 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

\*\*\* Standard errors of differences of means \*\*\*

**DENSITY**

0.569

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	4	0.697	8.8

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. **HERB DEC**                   Herbicide and timing:

E	Autumn
L	Spring
U	Selective herbicides

2. **WEEDSPEC**                   Weed species:

MP	Mayweed ( <i>Matricaria perforata</i> )
SM	Chickweed ( <i>Stellaria media</i> )
AM	Black-grass ( <i>Alopecurus myosuroides</i> )

**EXTRA**                         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.