

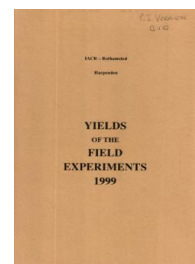
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99/W/WW/2 Testing Weed Control Thresholds - W. Wheat

Rothamsted Research

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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:-

- HERB DEC** Herbicide and timing:

E Autumn
L Spring
U Selective herbicides
- WEEDSPEC** Weed species:

MP Mayweed (*Matricaria perforata*)
SM Chickweed (*Stellaria media*)
AM Black-grass (*Alopecurus myosuroides*)

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/m² 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.