

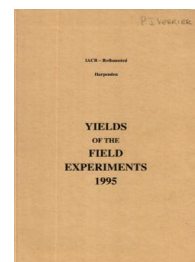
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1995

[Full Table of Content](#)



95/R/WW/2 Water Stress and Weed Competition - W. Wheat

Rothamsted Research

Rothamsted Research (1996) *95/R/WW/2 Water Stress and Weed Competition - W. Wheat* ; Yields Of The Field Experiments 1995, pp 102 - 103 - DOI: <https://doi.org/10.23637/ERADOC-1-50>

95/R/WW/2

Experimental diary:

20-Jun-95 : T : IRRIGATN I: Irrigated 15 mm.
 21-Jun-95 : T : IRRIGATN I: Irrigated 20 mm.
 29-Jun-95 : T : IRRIGATN I: Irrigated 25 mm.
 06-Jul-95 : T : IRRIGATN I: Irrigated 25 mm.
 13-Jul-95 : T : IRRIGATN I: Irrigated 25 mm.
 20-Jul-95 : T : IRRIGATN I: Irrigated 25 mm.
 05-Aug-95 : B : Roundup at 4.0 l in 200 l.
 14-Aug-95 : B : Hand harvested.

Previous crops: S. rape 1993, w. oats 1994.

NOTE: Weed density was assessed in autumn and spring. Weeds and crop were sampled regularly and dry weight, green area, height and nutrient content were measured. Tillers and leaves were also counted in the crop. Soil was sampled for nitrogen content in February. Flag leaf area and nutrient content were assessed in June. Black-grass seed produced was measured in June. Components of yield were assessed after harvest.

GRAIN TONNES/HECTARE

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

WEED	-	SM	AM	GA	Mean
IRRIGATN					
I	7.18	5.58	2.71	4.08	4.89
0	8.12	6.60	3.49	6.68	6.22
Mean	7.65	6.09	3.10	5.38	5.55

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

IRRIGATN	WEED	IRRIGATN WEED
0.433	0.255	0.534

Except when comparing means with the same level(s) of
 IRRIGATN 0.361

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP.SP	18	0.511	9.2

GRAIN MEAN DM% 91.0

SUB-PLOT AREA HARVESTED 0.00020