

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 1999

[Full Table of Content](#)



99/R/CS/508 Seed Treatment Sequences and Take-all - W. Wheat

Rothamsted Research

Rothamsted Research (2000) *99/R/CS/508 Seed Treatment Sequences and Take-all - W. Wheat ; Yields Of The Field Experiments 1999*, pp 109 - 110 - DOI:

<https://doi.org/10.23637/ERADOC-1-34>

99/R/CS/504

GRAIN TONNES/HECTARE

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

CROP	
BEW	6.05
LNW	1.93
LP	3.18
WW	6.28
RAW	4.70
OW	7.63
Mean	4.96

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

CROP
0.478

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	15	0.676	13.6
GRAIN MEAN DM%	84.7		
PLOT AREA HARVESTED	0.00230		

99/R/CS/508

SEED TREATMENT SEQUENCES AND TAKE-ALL

Object: To determine effects of a seed treatment fungicide on take-all (*Gaeumannomyces graminis*) and populations of the causal fungus - Stackyard.

Sponsors: J.F. Jenkyn, G.L. Bateman, R.J. Gutteridge.

The first year, w. wheat.

Design: 4 randomised blocks of 2 x 2 x 2 x 2.

Plot dimensions: 6.0 x 10.0.

Treatments:

S1999 Seed dressing and year applied:

-99 1999 none
F99 1999 fluquinconazole

Randomised for treatments as above in three subsequent years

Experimental diary:

11-Sep-98 : B : : Ploughed and furrow pressed, started.
14-Sep-98 : B : : Ploughed and furrow pressed, completed.
15-Oct-98 : T : -99 : Combination drilled, Hereward, recleaned, at 380
seeds/m² with the Accord drill.
: T : F99 : Combination drilled, Hereward, tr. fluquinconazole, at
380 seeds/m² with the Accord drill.
16-Oct-98 : B : : Hardy at 7.5 kg.
06-Nov-98 : B : : Decoy at 15 kg.
13-Feb-99 : B : : tm)Chiltern IPU at 1.0 l in 200 l.
: B : : tm)Unite A at 0.125 l in 200 l.
: B : : tm)Unite B at 1.0 l in 200 l.
: B : : tm)Cropoil at 1.0 l in 200 l
10-Mar-99 : B : : 34.5% N at 145 kg.
16-Apr-99 : B : : 34.5% N at 435 kg.
30-Apr-99 : B : : tm)Ally at 30 g in 200 l.
: B : : tm)Starane 2 at 0.5 l in 200 l.
: B : : tm)Opus at 1.0 l in 200 l.
27-May-99 : B : : tm)Opus at 0.75 l in 100 l.
: B : : tm)Sipcam UK Rover 500 at 1.0 l in 100 l.
16-Jun-99 : B : : Folicur at 0.25 l in 100 l.
23-Jul-99 : B : : Alpha Glyphogan at 4.0 l in 200 l.
16-Aug-99 : B : : Combine harvested.

Previous crops: W. beans and lupins 1997, s. wheat 1998