

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 1993

[Full Table of Content](#)



93/R/WW/5 Seed Treatment and Take-all - W. Wheat

Rothamsted Research

Rothamsted Research (1994) *93/R/WW/5 Seed Treatment and Take-all - W. Wheat* ; Yields Of The Field Experiments 1993, pp 112 - 113 - DOI: <https://doi.org/10.23637/ERADOC-1-48>

93/R/WW/5

WINTER WHEAT

SEED TREATMENT AND TAKE-ALL

Object: To test different rates of a seed treatment fungicide against take-all - Little Knott I.

Sponsors: D. Hornby, G.L. Bateman, R.J. Gutteridge.

Design: 4 blocks of 3 plots.

Whole Plot dimensions: 3.0 x 10.0.

Treatments:

SEED TRT	Rate of fungicidal seed treatment (g a.i. per 100 kg seed):
NONE	None applied
100	100
150	150

Experimental diary:

02-Sep-92 : B : Ploughed and furrow pressed.
01-Oct-92 : T : **SEED TRT** NONE, 100, 150: Rotary harrowed, Riband drilled at 380 seeds per square metre.
11-Mar-93 : B : Hytane 500 FW at 3.0 l and Stomp 400 at 2.6 l in 200 l.
15-Mar-93 : B : PK as (0:18:36) at 1250 kg.
20-Apr-93 : B : 34.5% N at 460 kg.
03-Jun-93 : B : Cheetah R at 2.5 l and Calixin at 0.70 l in 200 l.
08-Jun-93 : B : Halo at 2.0 l in 200 l.
17-Aug-93 : B : Combine harvested.

Previous crops: W. wheat 1991 and 1992.

NOTE: Plant samples were taken in November, April and July for take-all assessment.

93/R/WW/5

GRAIN TONNES/HECTARE

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

SEED TRT	NONE	100	150	Mean
	6.59	7.26	7.60	7.15

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

SEED TRT
0.209

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	6	0.296	4.1

GRAIN MEAN DM% 87.0

PLOT AREA HARVESTED 0.00227