

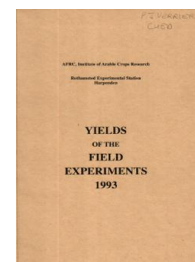
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93/R/WW/5 Seed Treatment and Take-all - W. Wheat

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