

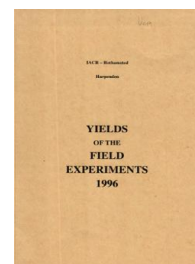
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## Yields of the Field Experiments 1996

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### 96/R/CS/447 Take-all Seed Treatment - W. Wheat

#### Rothamsted Research

Rothamsted Research (1997) *96/R/CS/447 Take-all Seed Treatment - W. Wheat* ; Yields Of The Field Experiments 1996, pp 99 - 100 - DOI: <https://doi.org/10.23637/ERADOC-1-51>

96/R/CS/447

**TAKE-ALL SEED TREATMENT**

**Object:** To test fungicidal seed treatments for the control of take-all (*Gaeumannomyces graminis*) - Pennells Piece.

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

**Design:** 4 blocks of 6 plots.

**Whole plot dimensions:** 3.0 x 10.0.

**Treatments:**

SEED TRT	Seed treatment:
-	None
BF	Fuberidazole with triadimenol (Baytan Flowable)
A1	Fungicide A, Rate 1
A2	Fungicide A, Rate 2
B1	Fungicide B, Rate 1
B2	Fungicide B, Rate 2

**NOTE:** Fungicides A and B are under commercial development, composition undisclosed.

**Experimental diary:**

17-Aug-95 : B : Straw baled.  
03-Oct-95 : B : Ploughed and furrow pressed.  
19-Oct-95 : B : Rotary harrowed, Brigadier drilled at 380 seeds per m<sup>2</sup>.  
16-Apr-96 : B : 34.5% N at 347 kg.  
25-Apr-96 : B : Ally at 30 g with Cheetah Super at 1.25 l in 200 l.  
06-Jun-96 : B : Monicle at 1.0 l in 320 l.  
08-Aug-96 : B : Roundup at 4.0 l in 300 l.  
21-Aug-96 : B : Combine harvested.

Previous crops: S. wheat 1994 and 1995.

**NOTE:** Crop vigour was assessed and plants counted in November. Samples were taken in April and July for assessment of take-all.

96/R/CS/447

GRAIN TONNES/HECTARE

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

SEED TRT	
-	9.96
BF	9.26
A1	10.21
A2	9.70
B1	9.76
B2	9.68
Mean	9.76

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

SEED TRT
0.277

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	15	0.391	4.0

GRAIN MEAN DM% 85.4

PLOT AREA HARVESTED 0.00227