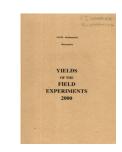
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Yields of the Field Experiments 2000



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Rothamsted Research

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00/W/WW/25

WINTER WHEAT

STROBILURINS AND TAKE-ALL

Object: To measure the effects on take-all (Gaeumannomyces graminis) of various fungicides - Woburn, Broad Mead.

Sponsors: J.F. Jenkyn, R.J. Gutteridge.

Design: 4 randomised blocks of 8 plots.

Plot dimensions: 3.0×10.0 .

Treatments:-	
FUNGCIDE	Fungicide and rate of active ingredient:
F1 F2 A1 A2 C CA	None Trifloxystrobin at 125 g Trifloxystrobin at 250 g Azoxystrobin at 125 g Azoxystrobin at 250 g Cyprodinil at 500 g Cyprodinil at 500 g and azoxystrobin at 125 g Kresoxim-methyl at 125 g and epoxiconazole at 125 g
Experimental diary:	
04-Sep-99 : B : 10-Sep-99 : B : 15-Sep-99 : B : 16-Sep-99 : B : 12-Oct-99 : B : 05-Mar-00 : B :	<pre>: tm)Lexus 50 DF at 20 g in 200 1. : tm)Cropoil at 1.0 1 in 200 1. : Treatments applied in 220 1. : tm)Profol 500 at 0.5 1 in 200 1. : tm)Vytel Copper at 0.4 1 in 200 1.</pre>
02-May-00 : B : 20-May-00 : B : : B : : T : 20-Aug-00 : B :	 : Sulphan (30.0% N, 7.6% S) at 500 kg. : tm)Opus at 0.75 l in 200 l. : tm)Sipcam UK Rover 500 at 1.0 l in 200 l. : Treatments applied in 220 l.

Previous crops: W. wheat 1998 and 1999.

NOTE: Plant samples were assessed in June for root and stem base diseases.

00/W/WW/25

GRAIN TONNES/HECTARE

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

FUNGCIDE

6.23 F1 6.40 F2 6.84 6.79 A1 A2 7.44 C 7.22 CA 6.94 KE 6.58 Mean 6.80

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

FUNGCIDE

0.416

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

Stratum d.f. s.e. cv%

BLOCK.WP 21 0.588 8.6

GRAIN MEAN DM% 83.1

PLOT AREA HARVESTED 0.00233