

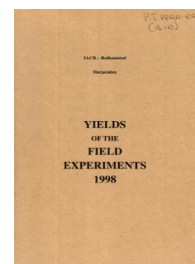
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1998

[Full Table of Content](#)



98/R/WW/13 Fungicide and Timing - W. Wheat

Rothamsted Research

Rothamsted Research (1999) *98/R/WW/13 Fungicide and Timing - W. Wheat* ; Yields Of The Field Experiments 1998, pp 133 - 134 - DOI: <https://doi.org/10.23637/ERADOC-1-52>

98/R/WW/13

WINTER WHEAT

FUNGICIDE AND TIMINGS

Object: To test some new fungicides on w. wheat - Sawyers II.

Sponsors: C. Peters.

Design: 3 randomised blocks of 3 x 4 + 1 plots.

Whole plot dimensions: 3.0 x 10.0.

Treatments: All combinations of:-

1. **FUNG 1** Fungicides in April, growth stage (GS) 32:

AF Azoxystrobin at 150 g and epoxiconazole at 38 g
KF Kresoxim-methyl with epoxiconazole each at 94 g
AKH Azoxystrobin at 75 g with kresoxim-methyl at 50 g and
epoxiconazole at 94 g

2. **FUNG 2** Fungicides in May/June, GS 39 and/or 55 and/or 61:

AP39 Azoxystrobin at 200 g with flutriafol at 50 g at GS 39
AP55 Azoxystrobin at 200 g with flutriafol at 50 g at GS 55
APA Azoxystrobin at 200 g with flutriafol at 50 g at GS 39
and azoxystrobin at 100 g at GS 61
0 Epoxiconazole at 125 g at GS 39

Plus extra

EXTRA

- Epoxiconazole at 94 g at GS 32 and difenoconazole at 50 g
at GS 61

Experimental diary:

24-Sep-97 : B : PK as (0:20:32) at 1250 kg.
27-Sep-97 : B : Ploughed.
28-Sep-97 : B : Rolled.
29-Sep-97 : B : Rotary harrowed, Abbot, dressed Beret Gold, drilled at
380 seeds per m².
13-Jan-98 : B : Lexus Class WSB at 60 g in 100 l.
18-Feb-98 : B : 34.5% N at 120 kg.
23-Apr-98 : T : **EXTRA** -: Opus at 0.75 l in 200 l.
: T : **FUNG 1** AKH: Amistar at 0.30 l with Landmark at 0.40 l
and Opus at 0.35 l in 220 l.
: T : **FUNG 1** AF: Amistar at 0.60 l with Opus at 0.30 l in
220 l.
: T : **FUNG 1** KF: Landmark at 0.75 l in 220 l.
28-Apr-98 : B : 34.5% N at 460 kg.
: B : Tripart Brevis at 2.25 l in 200 l.
21-May-98 : T : **EXTRA** -: Opus at 0.70 l in 220 l.

98/R/WW/13

Experimental diary:

21-May-98 : T : FUNG 2 0: Opus at 1.0 l in 220 l.
 : T : FUNG 2 AP39, APA: Amistar at 0.80 l with Pointer at
 0.40 l in 220 l.
 01-Jun-98 : T : FUNG 2 AP55: Amistar at 0.80 l with Pointer at 0.40 l
 in 220 l.
 12-Jun-98 : T : EXTRA -: Plover 250 EC at 0.20 l in 220 l.
 : T : FUNG 2 APA: Amistar at 0.40 l in 220 l.
 19-Aug-98 : T : Combine harvested.

Previous crops: Set-aside 1996, w. and s. beans and lupins 1997.

GRAIN TONNES/HECTARE

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

FUNG 2	AP39	AP55	APA	O	Mean
FUNG 1					
AF	9.45	10.28	10.28	9.35	9.84
KF	9.85	10.15	11.15	9.82	10.24
AKH	10.16	10.14	9.99	9.42	9.93
Mean	9.82	10.19	10.48	9.53	10.00
EXTRA	9.49				

Grand mean 9.96

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

FUNG 1	FUNG 2	FUNG 1 FUNG 2 & EXTRA
0.277	0.320	0.554

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	24	0.679	6.8

GRAIN MEAN DM% 88.5

PLOT AREA HARVESTED 0.00230