

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/W/WW/1 Fungicides and Timings - W. Wheat

Rothamsted Research

Rothamsted Research (1999) *98/W/WW/1 Fungicides and Timings - W. Wheat* ; Yields Of The Field Experiments 1998, pp 116 - 117 - DOI: <https://doi.org/10.23637/ERADOC-1-52>

98/W/WW/1

WINTER WHEAT

FUNGICIDES AND TIMINGS

Object: To test some new fungicides on w. wheat - Woburn, Far Field II.

Sponsors: C. Peters.

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

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
	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:

- 19-Sep-97 : B : Ploughed.
01-Oct-97 : B : Rolled. Rotary harrowed. Hereward, dressed Sibutol, drilled at 325 seeds per m².
13-Nov-97 : B : Isoproturon 500 at 1.0 l with Stomp 400 SC at 2.0 l and Cyperkill 10 at 0.25 l in 200 l.
11-Feb-98 : B : 34.5% N at 145 kg.
19-Mar-98 : B : Phosyn Manganese at 2.0 l with Profol Copper at 0.25 l in 200 l.
30-Mar-98 : B : 34.5% N at 377 kg.
23-Apr-98 : 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.
 : T : **FUNG 1** AKH: Amistar at 0.30 l with Landmark at 0.40 l and Opus at 0.35 l in 200 l.
 : T : **EXTRA** -: Opus at 0.75 l in 200 l.
04-May-98 : B : Tripart Brevis at 2.0 l in 200 l.

98/W/WW/1

Experimental diary:

21-May-98 : B : Ally at 20 g in 200 l.
: T : **EXTRA** -: Opus at 0.70 l in 220 l.
: T : **FUNG 2** AP39, APA: Amistar at 0.80 l with Pointer at 0.40 l in 220 l.
: T : **FUNG 2** O: Opus at 1.0 l in 220 l.
01-Jun-98 : T : **FUNG 2** AP55: Amistar at 0.80 l with Pointer at 0.40 l in 200 l.
12-Jun-98 : T : **FUNG 2** APA: Amistar at 0.40 l in 220 l.
: T : **EXTRA** -: Plover 250 EC at 0.20 l in 220 l
12-Aug-98 : B : Combine harvested.

Previous crops: W. wheat 1996, potatoes 1997.

GRAIN TONNES/HECTARE

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

FUNG 2	AP39	AP55	APA	O	Mean
FUNG 1					
AF	9.26	9.47	10.17	9.34	9.56
KF	9.55	9.75	9.74	8.97	9.50
AKH	9.55	9.86	10.50	9.11	9.76
Mean	9.45	9.69	10.14	9.14	9.61
EXTRA	8.82				

Grand mean 9.54

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

FUNG 1	FUNG 2	FUNG 1 FUNG 2 & EXTRA
0.114	0.132	0.228

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	24	0.279	2.9

GRAIN MEAN DM% 88.7

PLOT AREA HARVESTED 0.00230