

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 1999

[Full Table of Content](#)



### 99/R/RAW/4 Control of Stem Canker - W. Oilseed Rape

#### Rothamsted Research

Rothamsted Research (2000) *99/R/RAW/4 Control of Stem Canker - W. Oilseed Rape* ; Yields Of The Field Experiments 1999, pp 138 - 139 - DOI: <https://doi.org/10.23637/ERADOC-1-34>

99/R/RAW/3

**Experimental diary:**

04-Nov-98 : T : OS : Folicur at 0.5 l in 220 l.  
 : T : R : Folicur at 0.5 l in 220 l.  
 06-Nov-98 : B : : tm)Laser at 0.5 l in 200 l.  
 : B : : tm)Cropoil at 2.0 l in 200 l.  
 16-Nov-98 : B : : Stefes Cypermethrin 2 at 250 ml in 200 l.  
 17-Nov-98 : T : N : Folicur at 1.0 l in 220 l.  
 : T : NS : Folicur at 0.5 l in 220 l.  
 : T : R : Folicur at 0.5 l in 220 l.  
 16-Dec-98 : T : D : Folicur at 1.0 l in 220 l.  
 : T : DS : Folicur at 0.5 l in 220 l.  
 : T : R : Folicur at 0.5 l in 220 l.  
 13-Jan-99 : T : R : Folicur at 0.5 l in 220 l.  
 08-Feb-99 : B : : 34.5% N at 300 kg.  
 25-Feb-99 : T : R : Folicur at 0.5 l in 220 l.  
 05-Mar-99 : B : : 34.5% N at 300 kg.  
 25-Mar-99 : T : DS : Folicur at 0.5 l in 220 l.  
 : T : NS : Folicur at 0.5 l in 220 l.  
 : T : OS : Folicur at 0.5 l in 220 l.  
 : T : R : Folicur at 0.5 l in 220 l.  
 : T : SF : Folicur at 1.0 l in 220 l.  
 30-Apr-99 : T : FF : Folicur at 1.0 l in 200 l.  
 : T : R : Folicur at 0.5 l in 200 l.  
 : B : : Hallmark at 100 ml in 200 l.  
 09-Jul-99 : B : : tm)Reglone at 3.0 l in 400 l.  
 : B : : tm)Enhance at 400 ml in 400 l.  
 18-Jul-99 : B : : Combine harvested.

Previous crops: Linseed 1997, w. barley 1998.

**GRAIN TONNES/HECTARE**

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

CULTIVAR FUNGICIDE	B	C	Mean
-	3.37	4.25	3.81
R	5.23	5.47	5.35
O	3.66	4.27	3.96
N	3.58	4.57	4.07
D	3.53	4.50	4.01
OS	4.56	5.22	4.89
NS	4.59	4.72	4.65
DS	4.44	5.10	4.77
SF	4.88	5.25	5.06
FF	4.45	4.59	4.52
Mean	4.23	4.79	4.51

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

FUNGICIDE	CULTIVAR	FUNGICIDE CULTIVAR
0.220	0.092	0.302

Except when comparing means with the same level(s) of  
**FUNGICIDE** 0.292

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	18	0.270	6.0
BLOCK.WP.SP	20	0.358	7.9
GRAIN MEAN DM%	90.5	SUB-PLOT AREA HARVESTED	0.00276

99/R/RAW/4

WINTER OILSEED RAPE

CONTROL OF STEM CANKER

**Object:** To test fungicides to control stem canker (*Leptosphaeria maculans*) - Great Knott I.

**Sponsors:** B.D.L. Fitt, J. Biddulph, J.S. West, S.J. Welham.

**Design:** 3 randomised blocks of 21 plots.

**Whole plot dimensions:** 3.0 x 20.0.

**Treatments:**

FUNGICIDE	Fungicide timing, Difenoconazole at 0.0625 kg with carbendazim at 0.125 kg in 220 l as Plover 250 EC and Bavistin DF:
-	None (duplicated)
A	Disease onset (06-Nov-98)
B	4-6 weeks after A (16-Dec-98)
C	4-6 weeks after B (21-Jan-99)
D	4-6 weeks after C (25-Feb-99)
E	As A and B
F	As A and C
G	As A and D
H	As A, B and C
I	As A, B and D
J	As A, C and D
K	As A, B, C and D
L	As B and C
M	As B and D
N	As B, C and D
O	As C and D
W	2 weeks after A (19-Nov-98) then as B, C and D
X	4 weeks after A (03-Dec-98) then as B, C and D
Y	As A, B and C then 2 weeks after D (10-Mar-99)
Z	As A, B and C then 4 weeks after D (25-Mar-99)

**Experimental diary:**

13-Aug-98 : B : : Ploughed and furrow pressed, started.  
14-Aug-98 : B : : Ploughed and furrow pressed, completed.  
21-Aug-98 : B : : Rolled.  
25-Aug-98 : B : : Combination drilled, Apex, tr. Lindex-Plus FS Seed Treatment, at 120 seeds/m<sup>2</sup> with the Accord drill.  
: B : : Rolled.  
29-Aug-98 : B : : Doff Agricultural Slug Killer with Animal Repellent at 7.5 kg.  
16-Sep-98 : B : : Hardy at 7.5 kg.  
17-Sep-98 : B : : tm)Katamaran at 2.0 l in 200 l.  
: B : : tm)Decis at 250 ml in 200 l.  
24-Sep-98 : B : : 34.5% N at 120 kg.  
06-Nov-98 : B : : tm)Laser at 0.5 l in 200 l.  
: B : : tm)Cropoil at 2.0 l in 200 l.  
: B : : Infected straw broadcast.  
: T : A,E,F,G,H,I,J,K,Y,Z : Treatment applied.  
13-Nov-98 : B : : Stefes Cypermethrin 2 at 250 ml in 200 l.  
19-Nov-98 : T : W : Treatment applied.  
03-Dec-98 : T : X : Treatment applied.