

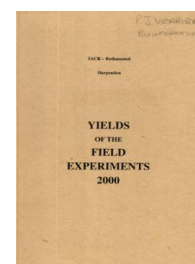
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 2000

[Full Table of Content](#)



00/R/RAW/5 Stem Canker Study - W. Oilseed Rape

Rothamsted Research

Rothamsted Research (2001) *00/R/RAW/5 Stem Canker Study - W. Oilseed Rape* ; Yields Of The Field Experiments 2000, pp 151 - 152 - DOI: <https://doi.org/10.23637/ERADOC-1-55>

00/R/RAW/5

WINTER OILSEED RAPE

STEM CANKER STUDY

Object: To test fungicide programmes on two varieties of oilseed rape - Great Knott II.

Sponsors: J.S. West, B.D.L. Fitt, C. Underwood, N. Evans.

Design: 4 blocks of 5 plots split into 2 sub-plots.

Whole plot dimensions: 6.0 x 15.0.

Sub-plot dimensions: 3.0 x 15.0.

Treatments: All combinations of:-

Whole plots

1. **FUNGSPRY** Difenoconazole and carbendazim (as Plover 250 EC and Bavistin DF):

-	None
S-F	Applied on five occasions
N-F	Applied on two occasions
A2	Applied on two occasions
A1	Applied once

Sub-plots

2. **CULTIVAR**

C	Capitol
L	Lipton

Experimental diary:

15-Jul-99	: B :	: Subsoiled.
16-Jul-99	: B :	: Ploughing and furrow pressing started.
19-Jul-99	: B :	: Ploughing and furrow pressing completed.
26-Jul-99	: B :	: Rolled.
05-Aug-99	: B :	: Rotary harrowed.
27-Aug-99	: T : C	: Combination drilled, Capitol, tr. Lindex-Plus FS Seed Treatment, at 80 seeds/m ² , with the Accord drill.
	: T : L	: Combination drilled, Lipton, tr. Lindex-Plus FS Seed Treatment, at 80 seeds/m ² , with the Accord drill.
	: B :	: tm)Scythe at 2.0 l in 200 l.
	: B :	: tm)Enhance Low Foam at 100 ml in 200 l.
28-Aug-99	: B :	: Rolled.
29-Aug-99	: B :	: tm)Alpha Trifluralin 48 EC at 2.0 l in 200 l.
	: B :	: tm)Katamaran at 2.0 l in 200 l.
30-Aug-99	: B :	: PBI Slug Pellets at 8.0 kg.
30-Sep-99	: T : S-F	: tm)Plover 250 EC at 0.25 l with Bavistin DF at 0.25 kg in 220 l.
08-Oct-99	: B :	: Genesis at 5.0 kg.
11-Oct-99	: T : A1	: tm)Plover 250 EC at 0.25 l with Bavistin DF at 0.25 kg in 220 l.

00/R/RAW/5

Experimental diary:

14-Oct-99 : B : : tm)Hallmark at 100 ml in 200 l.
 14-Oct-99 : B : : tm)Enhance Low Foam at 60 ml in 200 l.
 20-Oct-99 : B : : 34.5% N at 87 kg.
 27-Oct-99 : T : A2,S-F : tm)Plover 250 EC at 0.25 l with Bavistin DF at 0.25 kg in 220 l.
 25-Nov-99 : T : A2,N-F,S-F : tm)Plover 250 EC at 0.25 l with Bavistin DF at 0.25 kg in 220 l.
 10-Jan-00 : T : S-F : tm)Plover 250 EC at 0.25 l with Bavistin DF at 0.25 kg in 220 l.
 09-Feb-00 : B : : Sulphan (30.0% N, 7.6% S) at 166 kg.
 05-Mar-00 : T : N-F,S-F : Plover 250 EC at 0.25 l with Bavistin DF at 0.25 kg in 220 l.
 15-Mar-00 : B : : Sulphan (30.0% N, 7.6% S) at 433 kg.
 28-Apr-00 : B : : tm)Bavistin DF at 0.25 kg in 200 l.
 : B : : tm)Plover 250 EC at 250 ml in 200 l.
 15-May-00 : B : : Hallmark with Zeon Technology at 75 ml in 200 l.
 12-Jul-00 : B : : tm)Enhance Low Foam at 400 ml in 400 l.
 : B : : tm)Reglone at 3.0 l in 400 l.
 20-Jul-00 : B : : Combine harvested.

Previous crops: Peas 1998, set-aside 1999.

GRAIN TONNES/HECTARE

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

CULTIVAR FUNGSPRY	C	L	Mean
-	4.21	4.51	4.36
S-F	4.60	5.15	4.88
N-F	4.71	4.89	4.80
A2	4.63	4.89	4.76
A1	4.55	4.57	4.56
Mean	4.54	4.80	4.67

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

FUNGSPRY	CULTIVAR	FUNGSPRY CULTIVAR
0.225	0.086	0.263
Except when comparing means with the same level(s) of FUNGSPRY		
		0.192

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	12	0.318	6.8
BLOCK.WP.SP	15	0.271	5.8

GRAIN MEAN DM% 87.3

SUB-PLOT AREA HARVESTED 0.00288