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

Rothamsted Research

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99/R/RAW/4

Experimental diary:

16-Dec-98 : T : B,E,H,I,K,L,M,N,W,X,Y,Z : Treatment applied
 : B : : Draza at 5.5 kg.
 21-Jan-99 : T : C,F,H,J,K,L,N,O,W,X,Y,Z : Treatment applied.
 08-Feb-99 : B : : 34.5% N at 300 kg.
 25-Feb-99 : T : D,G,I,J,K,M,N,O,W,X : Treatment applied.
 05-Mar-99 : B : : 34.5% N at 300 kg.
 10-Mar-99 : T : Y : Treatment applied.
 25-Mar-99 : T : Z : Treatment applied.
 30-Apr-99 : 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.
 17-Jul-99 : B : : Combine harvested.

Previous crops: W. oats 1997, s. barley 1998.

GRAIN TONNES/HECTARE

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

FUNGCIDE

-	4.64
A	4.97
B	5.27
C	4.88
D	4.97
E	4.84
F	5.05
G	5.34
H	4.96
I	5.14
J	5.18
K	5.35
L	5.05
M	4.82
N	5.23
O	5.23
W	5.16
X	5.04
Y	4.87
Z	5.37

Mean 5.05

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

FUNGCIDE

0.281 min.rep
 0.244 max-min

FUNGCIDE

min.rep Any of the remainder
 max-min - v any of the remainder

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	41	0.344	6.8

GRAIN MEAN DM% 92.3

PLOT AREA HARVESTED 0.00391

99/R/RAW/5

WINTER OILSEED RAPE

STEM CANKER STUDY

Object: To test fungicidal programmes on two varieties of oilseed rape - Great Knott I.

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

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:-

1. **FUNGICIDE** Difenoconazole and carbendazim (as Plover 250 EC and Stefes C-Flo 2):

-	None
S-F	Applied on five occasions
O-F	Applied on three occasions
O-J	Applied on two occasions
A	Applied on one occasion

2. **CULTIVAR**

C	Capitol
L	Lipton

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.
27-Aug-98 : T : C : Combination drilled, Capitol, tr. Lindex-Plus FS Seed Treatment, at 80 seeds/m² with the Accord drill.
 : T : L : Combination drilled, Lipton, tr. Lindex-Plus FS Seed Treatment, at 80 seeds/m² with the Accord drill.
28-Aug-98 : 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.
28-Sep-98 : T : S-F : Plover 250 EC at 0.5 l with Stefes C-Flo 2 at 0.5 l in 220 l.
15-Oct-98 : T : A : Plover 250 EC at 0.25 l with Stefes C-Flo 2 at 0.5 l in 220 l.
19-Oct-98 : T : O-F : Plover 250 EC at 0.25 l with Stefes C-Flo 2 at 0.5 l in 220 l.
 : T : O-J : Plover 250 EC at 0.25 l with Stefes C-Flo 2 at 0.5 l in 220 l.
 : T : S-F : Plover 250 EC at 0.25 l with Stefes C-Flo 2 at 0.5 l in 220 l.
06-Nov-98 : B : : tm)Laser at 0.5 l in 200 l.