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99/R/RAW/3 Varieties, Fungicide and Disease - W. Oilseed Rape

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99/R/RAW/1

CLEAN GRAIN TONNES/HECTARE (AFTER REMOVING WEED SEEDS)

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

CHCKWEED	C0	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12
BARLEY													
B0	4.57	4.06	4.62	4.69	4.07	3.89	4.52	3.07	4.38	4.32	4.36	4.90	4.22
B1	5.02			4.65		4.50		4.20			4.57		
B2	4.37			4.46		2.78		3.96			4.04		
B3	4.76												
B4	4.17			4.34		4.26		4.46			4.14		
B5	5.08												
B6	4.27			5.26		3.91		4.51			4.27		
B7	4.92												
B8	4.24			4.33		3.92		4.06			4.73		
B9	4.39												
B10	4.47												
B11	4.35												
B12	4.47												

PLOT AREA HARVESTED 0.00310

99/R/RAW/3

WINTER OILSEED RAPE

VARIETIES, FUNGICIDE AND DISEASE

Object: To investigate development of light leaf spot (*Pyrenopeziza brassicae*) and stem canker (*Leptosphaeria maculans*) epidemics and yield with different fungicide regimes - Appletree.

Sponsors: B.D.L. Fitt, J. Steed.

Design: 3 blocks of 10 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. FUNGICIDE	Fungicide rate and timing:
-	None
R	Tebuconazole at 0.125 kg monthly October to April
O	Tebuconazole at 0.25 kg in October
N	Tebuconazole at 0.25 kg in November
D	Tebuconazole at 0.25 kg in December
OS	Tebuconazole at 0.125 kg in October and spring
NS	Tebuconazole at 0.125 kg in November and spring
DS	Tebuconazole at 0.125 kg in December and spring
SF	Tebuconazole at 0.25 kg in spring
FF	Tebuconazole at 0.25 kg during flowering

Sub-plots

2. CULTIVAR	Variety:
B	Bristol
C	Capitol

Experimental diary:

29-Jul-98 : B : : Subsoiling started.
30-Jul-98 : B : : Subsoiling completed.
12-Aug-98 : B : : Ploughed and furrow pressed, started.
13-Aug-98 : B : : Ploughed and furrow pressed, completed.
28-Aug-98 : B : : Rolled.
 : T : B : Combination drilled, Bristol, tr. Lindex-Plus FS Seed Treatment, at 200 seeds/m² with the Accord drill.
 : T : C : Combination drilled, Capitol, tr. Lindex-Plus FS Seed Treatment, at 100 seeds/m² with the Accord drill.
29-Aug-98 : B : : Hardy at 7.5 kg.
11-Sep-98 : B : : Katamaran at 2.0 l in 200 l.
 : B : : Decis at 250 ml in 200 l.
24-Sep-98 : B : : 34.5% N at 120 kg.
03-Nov-98 : B : : Rape straw applied at 1/4 bale per plot.
04-Nov-98 : T : O : Folicur at 1.0 l in 220 l.