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## Yields of the Field Experiments 1996

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### 96/R/RAW/5 Disease Control - W. Oilseed Rape

#### Rothamsted Research

Rothamsted Research (1997) *96/R/RAW/5 Disease Control - W. Oilseed Rape* ; Yields Of The Field Experiments 1996, pp 120 - 121 - DOI: <https://doi.org/10.23637/ERADOC-1-51>

96/R/RAW/5

WINTER OILSEED RAPE

DISEASE CONTROL

**Object:** To compare standard and forecast fungicidal spray programmes for control of light leaf spot and canker in w. oilseed rape - Great Knott II.

**Sponsors:** B.D.L. Fitt, S. Mitchell.

**Design:** 4 randomised blocks of 6 plots.

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

**Treatments:**

FUNGICIDE	Fungicide rate and timing:	Autumn	Winter	Spring
-	None (duplicated)	-	-	-
S3	Standard	0.5	0.5	0.5
S2	Standard	1.0	-	0.5
F3	Forecast	0.5	0.5	0.5
F2	Forecast	1.0	-	0.5

**NOTE:** 1.0 = Full rate, 0.5 = Half rate.

**Experimental diary:**

05-Aug-95 : B : PK as (0:20:32) at 1407 kg.  
07-Aug-95 : B : Ploughed and furrow pressed.  
04-Sep-95 : B : Irrigated 20 mm.  
05-Sep-95 : B : Rotary harrowed, Envol, dressed Lindex-Plus FS, drilled at 120 seeds per m<sup>2</sup>.  
02-Oct-95 : B : Butisan S at 1.5 l with Cyperkill 10 at 250 ml and Agral at 200 ml in 200 l.  
12-Oct-95 : B : Draza at 5.5 kg.  
07-Nov-95 : T : **FUNGICIDE** S3: Folicur at 0.5 l in 220 l.  
          : T : **FUNGICIDE** S2: Folicur at 1.0 l in 220 l.  
10-Jan-96 : T : **FUNGICIDE** F3: Folicur at 0.5 l in 220 l.  
          : T : **FUNGICIDE** F2: Folicur at 1.0 l in 220 l.  
27-Feb-96 : T : **FUNGICIDE** S3, F3: Folicur at 0.5 l in 220 l.  
29-Feb-96 : B : 34.5% N at 174 kg.  
02-Apr-96 : T : **FUNGICIDE** S3, S2, F3, F2: Folicur at 0.5 l in 220 l.  
09-Apr-96 : B : 34.5% N at 348 kg.  
25-Apr-96 : B : Fastac at 200 ml in 200 l.  
19-Jul-96 : B : Standon Diquat at 3.0 l with Vassgro Spreader at 390 ml in 390 l.  
30-Jul-96 : B : Combine harvested.

Previous crops: W. wheat 1994, set-aside 1995.

**NOTE:** Plant samples were taken regularly to assess the incidence and severity of diseases on leaves, stems and pods.

96/R/RAW/5

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

FUNGcide	
-	3.92
S3	4.12
S2	4.36
F3	4.16
F2	4.18
Mean	4.11

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

FUNGcide	
0.142	min.rep
0.123	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	16	0.200	4.9
GRAIN MEAN DM%	89.5		
PLOT AREA HARVESTED	0.00391		