

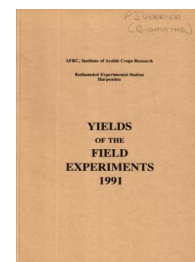
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

## Yields of the Field Experiments 1991

[Full Table of Content](#)



### 91/R/LN/4 Rates and Times of Fungicides - Linseed

#### Rothamsted Research

Rothamsted Research (1992) *91/R/LN/4 Rates and Times of Fungicides - Linseed* ; Yields Of The Field Experiments 1991, pp 167 - 168 - DOI: <https://doi.org/10.23637/ERADOC-1-46>

91/R/LN/4

LINSEED

RATES AND TIMES OF FUNGICIDE

**Object:** To study the effects of fungicide rates and timing on the control of pathogens and on the yield of linseed - White Horse II.

**Sponsor:** B.D.L. Fitt.

**Design:** 3 randomised blocks of 8 plots.

**Whole plot dimensions:** 3.0 x 15.0.

**Treatments:**

FUNG R T	Fungicides, rates and times of application:
NONE	None
PROC 4 E	Prochloraz at 400 g, applied early on 20 June, 1991
PROC 5 E	" " 500 g, " " " 20 June
PROC 4 L	" " 400 g, " later " 17 July
PROC 5 L	" " 500 g, " " " 17 July
P2E+P2L	" " 250 g, " early on 20 June and later on 17 July
P3E+FN6E	" " 394 g + fenpropimorph at 656 g applied early on 20 June
P3L+FN6L	Prochloraz + fenpropimorph at above rates applied later on 17 July

**NOTE:** Fungicides were applied in 200 l.

**Basal applications:** Manure: 'Nitram' at 220 kg. Weedkillers: Bromoxynil at 0.24 kg and clopyralid at 0.05 kg with bentazone at 0.96 kg in 200 l. Desiccant: Diquat at 0.60 kg ion, with a wetting agent, 'Vassgro' at 0.40 l, in 400 l.

**Seed:** Antares, dressed prochloraz, sown at 600 seeds per square metre.

**Cultivations, etc.:-** Ploughed: 18 Oct, 1990. N applied: 9 Apr, 1991. Spring-tine cultivated, rotary harrowed, seed sown: 10 Apr. Weedkillers applied: 5 June. Desiccant with wetting agent applied: 2 Sept. Combine harvested: 9 Oct. Previous crops: W. wheat 1989 and 1990.

**NOTE:** The incidence of diseases was assessed regularly during the season.

91/R/LN/4

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

FUNG R T	
NONE	1.52
PROC 4 E	1.77
PROC 5 E	1.51
PROC 4 L	1.54
PROC 5 L	1.85
P2E+P2L	1.58
P3E+FN6E	1.61
P3L+FN6L	1.76
Mean	1.64

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

FUNG R T  
0.199

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	14	0.244	14.8
GRAIN MEAN DM%	84.7		
PLOT AREA HARVESTED	0.00345		