

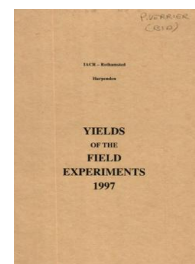
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1997

[Full Table of Content](#)



97/R/LN/2 Leaf Browning Symptoms - Linseed

Rothamsted Research

Rothamsted Research (1998) *97/R/LN/2 Leaf Browning Symptoms - Linseed* ; Yields Of The Field Experiments 1997, pp 153 - 154 - DOI: <https://doi.org/10.23637/ERADOC-1-53>

97/R/LN/2

LINSEED

LEAF BROWNING SYMPTOMS

Object: To distinguish pathogens associated with leaf browning symptoms on linseed and to monitor seasonal changes in such pathogen populations under different fungicide regimes - Appletree.

Sponsors: B.D.L. Fitt.

Design: 15 plots fully randomised.

Plot dimensions: 3.0 x 15.0.

Treatments:

FUNGCIDE	Fungicide:
-	None (three plots)
A	Iprodione (six plots)
B	Benomyl (six plots)

Experimental diary:

15-Oct-96 : B : Chalk at 5.0 t.
05-Nov-96 : B : Farmyard manure at 25.0 t.
12-Nov-96 : B : Ploughed.
14-Apr-97 : B : Rolled.
17-Apr-97 : B : Scythe LC at 3.0 l with Vassgro Non-ionic at 200 ml in 200 l.
18-Apr-97 : B : Spring-tine cultivated. Rotary harrowed, Antares, dressed Prelude 20 LF, drilled at 700 seeds per m². Rolled.
15-May-97 : B : Cyperkill 10 at 300 ml with Vassgro Non-ionic at 50 ml in 300 l.
30-May-97 : B : Nitram 34.5% N at 218 kg.
04-Jun-97 : B : Lorate 20 DF at 30 g in 200 l.
24-Jun-97 : T : FUNGCIDE A: Rovral Flo at 2.0 l in 220 l.
 : T : FUNGCIDE B: Benlate Fungicide at 1.1 kg in 220 l.
24-Jul-97 : T : FUNGCIDE A: Rovral Flo at 2.0 l in 220 l.
 : T : FUNGCIDE B: Benlate Fungicide at 1.1 kg in 220 l.
24-Jul-97 : B : Hand rogued wild oats.
02-Sep-97 : B : Harvest at 3.0 l in 400 l.
11-Sep-97 : B : Combine harvested.

Previous crops: W. barley 1995, lupins 1996.

NOTE: Plant samples were taken fortnightly from late July to early September for disease assessment.

97/R/LN/2

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

FUNGICIDE	
-	1.60
B	2.64
A	1.84
Mean	2.11

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

FUNGICIDE	
0.141	max-min
0.115	max.rep

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

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

Stratum	d.f.	s.e.	cv%
WP	12	0.199	9.4

GRAIN MEAN DM% 89.3

PLOT AREA HARVESTED 0.00302