

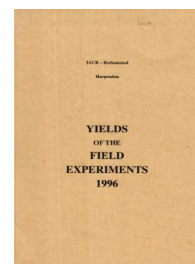
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

## Yields of the Field Experiments 1996

[Full Table of Content](#)



### 96/R/LN/3 Leaf Browning Symptoms - Linseed

#### Rothamsted Research

Rothamsted Research (1997) *96/R/LN/3 Leaf Browning Symptoms - Linseed* ; Yields Of The Field Experiments 1996, pp 165 - 166 - DOI: <https://doi.org/10.23637/ERADOC-1-51>

96/R/LN/3

LINSEED

LEAF BROWNING SYMPTOMS

**Object:** To identify pathogens responsible for leaf browning in linseed and to measure their response to fungicide - Hoosfield, Old Four-course.

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

**Design:** 3 randomised blocks of 5 plots.

**Plot dimensions:** 3.0 x 15.0.

**Treatments:**

FUNGICIDE	Fungicide:
-	None
A	Iprodione (duplicated)
B	Benomyl (duplicated)

**Experimental diary:**

02-Feb-96 : B : Gramoxone 100 at 4.0 l in 200 l.  
16-Apr-96 : B : Heavy spring-tine cultivated twice. Rotary harrowed, Antares, dressed Prelude 20LF, drilled at 700 seeds per m<sup>2</sup>.  
08-May-96 : B : 34.5% N at 220 kg.  
13-May-96 : B : Cyperkill 10 at 250 ml in 200 l.  
04-Jun-96 : B : Ally at 30 g in 200 l.  
05-Jul-96 : T : FUNGCIDE A: Rovral Flo at 2.0 l in 220 l.  
          : T : FUNGCIDE B: Benlate Fungicide at 1.1 kg in 220 l.  
22-Jul-96 : T : FUNGCIDE A: Rovral Flo at 2.0 l in 220 l.  
          : T : FUNGCIDE B: Benlate Fungicide at 1.1 kg in 220 l.  
          : T : FUNGCIDE A, B: Clayton Turret at 2.0 l in 220 l.  
02-Sep-96 : B : Roundup at 4.0 l in 260 l.  
17-Sep-96 : B : Combine harvested.

Previous crops: W. wheat 1994, linseed 1995.

**NOTE:** Samples of plants were taken regularly to assess the incidence and severity of *Verticillium* and other diseases.

96/R/LN/3

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

FUNGIDE	
-	0.91
A	0.93
B	0.88
Mean	0.91

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

FUNGIDE	
0.055	max-min
0.045	max.rep

FUNGIDE	
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%
BLOCK.WP	10	0.077	8.5
GRAIN MEAN DM%	92.0		
PLOT AREA HARVESTED	0.00276		