

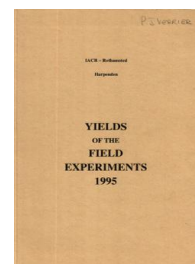
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## Yields of the Field Experiments 1995

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

#### Rothamsted Research

Rothamsted Research (1996) *95/R/LN/3 Leaf Browning Symptoms - Linseed* ; Yields Of The Field Experiments 1995, pp 161 - 162 - DOI: <https://doi.org/10.23637/ERADOC-1-50>

95/R/LN/3

LINSEED

### LEAF BROWNING SYMPTOMS

**Object:** To distinguish pathogens responsible for leaf browning in linseed, and to measure their response to fungicide - New Zealand.

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

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

**Plot dimensions:** 3.0 x 15.0.

#### Treatments:

FUNGICIDE	Fungicide:
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-	None
A	Iprodione
B	Benomyl

#### Experimental diary:

09-Dec-94 : B : Farmyard manure at 25 t.  
21-Dec-94 : B : Ploughed.  
14-Mar-95 : B : Gramoxone 100 at 4.0 l in 200 l.  
20-Apr-95 : B : Spring-tine cultivated, rotary harrowed, Antares,  
dressed Prelude 20 LF, drilled at 700 seeds per m<sup>2</sup>.  
05-May-95 : B : Decis at 300 ml in 300 l.  
10-May-95 : B : Irrigated 12.5 mm.  
11-May-95 : B : Irrigated 12.5 mm.  
24-May-95 : B : 34.5% N at 232 kg.  
15-Jun-95 : B : Lorate 20 DF at 30 g in 300 l.  
05-Jul-95 : **T** : **FUNGICIDE** A: Rovral Flo at 2.0 l in 220 l.  
              : **T** : **FUNGICIDE** B: Benlate Fungicide at 1.1 kg in 220 l.  
24-Jul-95 : **T** : **FUNGICIDE** A: Rovral Flo at 2.0 l in 220 l.  
              : **T** : **FUNGICIDE** B: Benlate Fungicide at 1.1 kg in 220 l.  
15-Aug-95 : B : Standon Diquat at 3.0 l with Vassgro Spreader at 400 ml  
              in 400 l.  
04-Sep-95 : B : Combine harvested.

Previous crops: S. wheat 1993, linseed 1994.

**NOTE:** Regular samples were taken to assess the incidence of disease. Concentrations of airborne spores were recorded with a Burkard spore sampler.

95/R/LN/3

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

**FUNGCIDE**

-	1.63
A	1.68
B	1.78
Mean	1.69

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

**FUNGCIDE**

0.052

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	8	0.082	4.8
GRAIN MEAN DM%	90.5		
PLOT AREA HARVESTED	0.00294		