

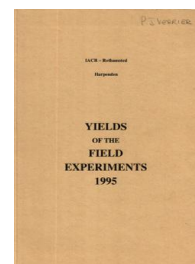
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1995

[Full Table of Content](#)



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:
-----------	------------

-	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 m².
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		