

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 1998

[Full Table of Content](#)



98/R/LN/1 Winter Linseed Diseases - Linseed

Rothamsted Research

Rothamsted Research (1999) *98/R/LN/1 Winter Linseed Diseases - Linseed* ; Yields Of The Field Experiments 1998, pp 153 - 154 - DOI: <https://doi.org/10.23637/ERADOC-1-52>

98/R/LN/1

LINSEED

WINTER LINSEED DISEASES

Object: To assess the effects of diseases on the growth and yield of winter linseed by using fungicides to control them - Drapers.

Sponsors: B.D.L. Fitt.

Design: 3 blocks of 8 plots.

Plot dimensions: 3.0 x 15.0.

Treatments:

FUNGTIME	Fungicides and timing:
-	None
AF	Tebuconazole in autumn
BM	Benomyl mid-flowering
BMC	Benomyl mid-flowering and at capsule development
AM	Iprodione mid-flowering
AMC	Iprodione mid-flowering and at capsule development
CM	Iprodione with thiophanate-methyl mid flowering
CMC	Iprodione with thiophanate-methyl mid flowering and at capsule development

Experimental diary:

10-Sep-97 : B : PK as (0:20:32) at 1250 kg.
18-Sep-97 : B : Ploughed and rolled.
30-Sep-97 : B : Rotary harrowed, Oliver, dressed Prelude 20 LF, drilled at 950 seeds per m².
26-Nov-97 : T : FUNGTIME AF: Folicur at 0.5 l in 220 l.
19-Feb-98 : B : Laser at 0.75 l with Chiltern Cropoil at 1.0 l in 100 l.
16-Mar-98 : B : Ally at 30 g in 200 l.
20-Mar-98 : B : 34.5% N at 150 kg.
22-Apr-98 : B : Eagle at 30 g in 200 l.
27-Apr-98 : B : BASF Dimethoate 40 at 850 ml in 200 l.
29-May-98 : T : FUNGTIME BM, BMC: Benlate Fungicide at 1.1 kg in 220 l.
 : T : FUNGTIME CM, CMC: Compass at 3.0 l in 220 l.
 : T : FUNGTIME AM, AMC: Rovral Flo at 2.0 l in 220 l.
25-Jun-98 : T : FUNGTIME BMC: Benlate Fungicide at 1.1 kg in 220 l.
 : T : FUNGTIME CMC: Compass at 3.0 l in 220 l.
 : T : FUNGTIME AMC: Rovral Flo at 2.0 l in 220 l.
25-Jul-98 : B : Reglone at 3.0 l with Headland Enhance LF at 400 ml in 200 l.
05-Aug-98 : B : Combine harvested.

Previous crops: W. and s. beans 1996, s. wheat 1997.

98/R/LN/1

NOTE: Disease assessments were made on eleven occasions through the growing season. At harvest thousand grain weights were measured and fungal pathogens on seeds were assessed.

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

FUNGTIME

-	0.53
AF	0.70
BM	1.32
BMC	1.17
AM	0.85
AMC	0.56
CM	1.08
CMC	1.20
Mean	0.93

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

FUNGTIME

0.088

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	14	0.108	11.6
GRAIN MEAN DM%	89.5		
PLOT AREA HARVESTED	0.00276		