

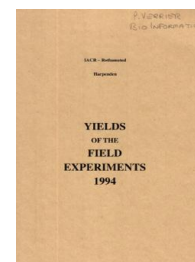
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## Yields of the Field Experiments 1994

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### 94/R/LN/1 Fungicide Timing - Linseed

#### Rothamsted Research

Rothamsted Research (1995) *94/R/LN/1 Fungicide Timing - Linseed* ; Yields Of The Field Experiments 1994, pp 156 - 157 - DOI: <https://doi.org/10.23637/ERADOC-1-49>

94/R/LN/1

**LINSEED**

**FUNGICIDE TIMING**

**Object:** To study the effects of the timing and number of fungicide sprays on disease incidence and seed and oil yields of linseed - Delafield.

**Sponsors:** J.F.S. Harold, B.D.L. Fitt.

**Design:** 3 randomised blocks of 3 plots (duplicated).

**Whole plot dimensions:** 3.0 x 15.0.

**Treatments:**

| <b>FUNGICIDE</b> | Timing and number of fungicide sprays:  |
|------------------|---|
| -                | None  |
| E                | Iprodione mid-flowering   |
| F                | Iprodione mid-flowering, repeated at late flowering, and benomyl at capsule formation |

**NOTE:** In treatment F, iprodione at late flowering was omitted.

**Experimental diary:**

12-Nov-93 : B : FYM at 25 t.  
02-Dec-93 : B : Ploughed.  
20-Apr-94 : B : Spring-tine cultivated.  
          : B : Rotary harrowed, Antares, dressed Prelude 20LF, drilled  
          at 700 seeds per m<sup>2</sup>.  
21-Apr-94 : B : Rolled.  
10-May-94 : B : 34.5% N at 220 kg.  
12-May-94 : B : Ripcord at 250 ml in 200 l.  
13-Jun-94 : B : Dow Shield at 0.5 l in 200 l.  
12-Jul-94 : T : **FUNGICIDE** E, F: Rovral Flo at 2.0 l in 200 l.  
05-Aug-94 : T : **FUNGICIDE** F: Benlate at 1.1 kg with Vassgro Spreader at  
          110 ml in 220 l.  
13-Sep-94 : B : Combine harvested.

Previous crops: S. beans 1992, linseed 1993.

**NOTE:** Diseases were assessed at intervals throughout the season. Fungal spores were monitored continuously.

94/R/LN/1

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

| FUNGICIDE |      |
|-----------|------|
| -         | 0.71 |
| E         | 0.79 |
| F         | 0.86 |
| Mean      | 0.79 |

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

| FUNGICIDE |
|-----------|
| 0.102     |

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

| Stratum             | d.f.    | s.e.  | cv%  |
|---------------------|---------|-------|------|
| BLOCK.WP            | 13      | 0.177 | 22.4 |
| GRAIN MEAN DM%      | 86.0    |       |      |
| PLOT AREA HARVESTED | 0.00276 |       |      |