

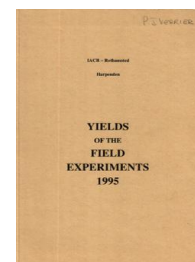
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1995

[Full Table of Content](#)



95/R/RAW/8 Varieties and Diseases - W. Oilseed Rape

Rothamsted Research

Rothamsted Research (1996) *95/R/RAW/8 Varieties and Diseases - W. Oilseed Rape* ; Yields Of The Field Experiments 1995, pp 117 - 118 - DOI: <https://doi.org/10.23637/ERADOC-1-50>

95/R/RAW/8

WINTER OILSEED RAPE

VARIETIES AND DISEASES

Object: To study the effects of disease on growth, yield and seed quality of winter oilseed rape - Highfield IV/Road Piece E.

Sponsors: K.J. Doughty, H.A. McCartney.

Design: 4 blocks of 2 plots split into 2 sub-plots.

Whole plot dimensions: 6.0 x 10.0.

Treatments:

Whole plots

1. **INOCFUNG** Inoculation and fungicide:

I Inoculated with diseased straw in autumn
F Fungicide sprays in autumn, spring and summer

Sub-plots

2. **VARIETY**

CA Capricorn
FA Falcon

Experimental diary:

27-Jul-94 : B : Dolomite at 5.0 t.
01-Aug-94 : B : Ploughed and furrow pressed.
24-Aug-94 : B : Spring-tine cultivated.
 : T : **VARIETY** CA: Rotary harrowed, Capricorn, dressed Lindex-Plus FS, drilled at 120 seeds per m².
 : T : **VARIETY** FA: Rotary harrowed, Falcon, dressed Lindex-Plus FS, drilled at 120 seeds per m².
26-Aug-94 : B : Rolled.
20-Sep-94 : B : Draza at 5.5 kg.
24-Oct-94 : T : **INOCFUNG** I: Straw inoculum applied at 1 bale per 60 m².
02-Nov-94 : B : Butisan S at 2.5 l in 260 l.
 : B : Fusilade 5 at 1.0 l with Vassgro Spreader at 260 ml in 260 l.
 : T : **INOCFUNG** F: Sportak 45 at 1.1 l in 200 l.
22-Feb-95 : B : 34.5% N at 174 kg.
21-Mar-95 : B : 34.5% N at 348 kg.
11-Apr-95 : T : **INOCFUNG** F: Barclay Eytak at 1.1 l in 200 l.
19-Jun-95 : T : **INOCFUNG** F: Rovral Flo at 3.0 l in 400 l.
24-Jul-95 : B : Stefes Diquat at 3.0 l with Vassgro Spreader at 300 ml in 300 l.
28-Jul-95 : B : Combine harvested.

Previous crops: W. barley 1993, set-aside 1994.

95/R/RAW/8

NOTE: Seed was analysed for quality and ease of processing.

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

VARIETY INOCFUNG	CA	FA	Mean
I	2.71	3.23	2.97
F	3.63	3.55	3.59
Mean	3.17	3.39	3.28

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

INOCFUNG	VARIETY	INOCFUNG VARIETY
0.289	0.147	0.324

Except when comparing means with the same level(s) of
INOCFUNG 0.207

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP.SP	6	0.293	8.9

GRAIN MEAN DM% 79.0

SUB PLOT AREA HARVESTED 0.00230