

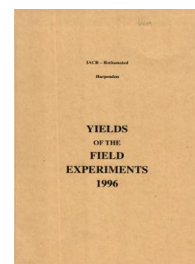
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

## Yields of the Field Experiments 1996

[Full Table of Content](#)



---

### 96/R/RAW/7 Pheromones and W. Rape - W. Oilseed Rape

#### Rothamsted Research

Rothamsted Research (1997) *96/R/RAW/7 Pheromones and W. Rape - W. Oilseed Rape* ; Yields Of The Field Experiments 1996, pp 125 - 126 - DOI: <https://doi.org/10.23637/ERADOC-1-51>

96/R/RAW/7

WINTER OILSEED RAPE

PHEROMONES IN W. RAPE

**Object:** To test the effects of aphid sex pheromones on aphid parasitoids in w. rape - Great Knott II.

**Sponsors:** R. Glinwood, W. Powell.

**Design:** 4 x 4 Latin square balanced for neighbours.

**Whole plot dimensions:** 6.0 x 6.0.

**Treatments:**

PHERMONE	Pheromones:
C	None
L	Nepetalactone
LO	Nepetalactol
R	Nepetalactone and nepetalactol

**Experimental diary:**

07-Aug-95 : B : Ploughed and furrow pressed.  
11-Sep-95 : B : Rotary harrowed, Envol, dressed Lindex-Plus FS, drilled at 120 seeds per m<sup>2</sup>.  
02-Oct-95 : B : Butisan S at 1.5 l with Cyperkill 10 at 250 ml in 200 l.  
29-Feb-96 : B : 34.5% N at 174 kg.  
09-Apr-96 : B : 34.5% N at 348 kg.  
11-Apr-96 : B : Folicur at 0.5 l in 300 l.  
13-May-96 : T : **PHERMONE** L, LO, R: Pheromones in vials placed in the crop.  
30-Jul-96 : B : Combine harvested.

Previous crops: S. beans 1994, set-aside 1995.

**NOTE:** Samples of aphids and parasitoids were taken weekly.

96/R/RAW/7

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

PHERMONE

C	4.03
L	3.71
LO	3.62
R	3.62
Mean	3.74

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

PHERMONE

0.126

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

Stratum	d.f.	s.e.	cv%
ROW.COL	6	0.178	4.7

GRAIN MEAN DM% 84.8

PLOT AREA HARVESTED 0.00138