

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 1992

[Full Table of Content](#)



### 92/R/WW/2 Summer Pyrethroids - W. Wheat

#### Rothamsted Research

Rothamsted Research (1993) *92/R/WW/2 Summer Pyrethroids - W. Wheat* ; Yields Of The Field Experiments 1992, pp 105 - 106 - DOI: <https://doi.org/10.23637/ERADOC-1-47>

92/R/WW/2

WINTER WHEAT

SUMMER PYRETHROIDS

**Object:** To assess the effect of a summer application of pyrethroids on populations of non-target beneficial insects and any subsequent consequences on summer aphid populations - Bones Close.

**Sponsor:** N. Carter.

**Design:** 4 randomised blocks of 4 plots.

**Whole plot dimensions:** 9.0 X 15.0.

**Treatments:**

<b>INSCTCDE</b>	Insecticides applied at GS 61:
NONE	None
DELTFULL	Deltamethrin at full standard rate
DELTHALF	Deltamethrin at half standard rate
DIMETH	Dimethoate

**Experimental diary:**

14-Aug-91 : B : Straw chopped.  
15-Aug-91 : B : PK as (0:16:36) at 1040 kg.  
23-Aug-91 : B : Deep tine cultivated with vibrating tines, 60 cm apart and 45 cm deep.  
26-Aug-91 : B : Ploughed and rolled.  
12-Sep-91 : B : Sting CT at 1.5 l in 200 l.  
26-Sep-91 : B : Rotary harrowed twice, Mercia drilled at 160 kg.  
28-Oct-91 : B : Stefes IPU at 1.0 l and Stomp 400 at 2.5 l in 200 l.  
06-Mar-92 : B : 34.5% N at 120 kg.  
02-Apr-92 : B : 34.5% N at 460 kg.  
20-May-92 : B : Dorin at 1.0 l and Chiltern Olé at 1.5 l in 200 l.  
22-Jun-92 : T : **INSCTCDE** DELTFULL: Decis at 0.25 l in 260 l.  
          : T : **INSCTCDE** DELTHALF: Decis at 0.125 l in 260 l.  
          : T : **INSCTCDE** DIMETH: Power Dimethoate at 0.84 l in 520 l.  
07-Aug-92 : B : Combine harvested.

Previous crops: W. beans 1990, w. barley 1991.

92/R/WW/2

GRAIN TONNES/HECTARE

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

INSCTCDE	
NONE	5.01
DELTFULL	5.38
DELTHALF	5.06
DIMETH	5.41
Mean	5.21

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

INSCTCDE
0.190

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	9	0.269	5.2

GRAIN MEAN DM% 87.4

PLOT AREA HARVESTED 0.00345