

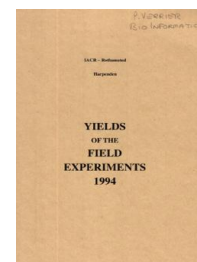
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1994

[Full Table of Content](#)



94/R/BES/2 Weevils and Insecticide - S. Beans

Rothamsted Research

Rothamsted Research (1995) *94/R/BES/2 Weevils and Insecticide - S. Beans* ; Yields Of The Field Experiments 1994, pp 137 - 138 - DOI: <https://doi.org/10.23637/ERADOC-1-49>

94/R/BES/2

SPRING BEANS

WEEVILS AND INSECTICIDE

Object: To relate numbers of overwintering *Sitona lineatus* to the most effective timing of insecticide applied to spring beans - Long Hoos V 7 & 8.

Sponsors: L.E. Smart, M.M. Blight, R.T. Glinwood.

Design: 5 x 5 quasi-complete Latin square.

Whole plot dimensions: 6.0 x 6.0.

Treatments:

DELT TIM	Timing of deltamethrin spray application:
NONE	None
EAR+LAT	Early and late
MID	Middle
LATE	Late
ERMIDLAT	Early, middle and late

Experimental diary:

01-Nov-93 : B : Roundup at 3.0 l in 200 l.
18-Nov-93 : B : Ploughed.
10-Mar-94 : B : Heavy spring-tine cultivated, rotary harrowed, Alfred drilled at 60 seeds per m².
11-Mar-94 : B : Opogard 500 SC at 3.4 l in 200 l.
25-Apr-94 : T : **DELT TIM** EAR+LAT, ERMIDLAT: Decis at 7.5 g in 200 l.
06-May-94 : T : **DELT TIM** MID, ERMIDLAT: Decis at 7.5 g in 200 l.
19-May-94 : T : **DELT TIM** EAR+LAT, LATE, ERMIDLAT: Decis at 7.5 g in 200 l.
11-Jul-94 : B : Bravo 500 at 1.0 l with Rovral Flo at 1.5 l and Pirimicarb 50 DG at 280 g in 300 l.
18-Aug-94 : B : Combine harvested.

Previous crops: S. barley 1992, potatoes 1993.

NOTE: Assessments of damage to leaves by adult weevils were made during April and May and the number of larvae in root nodules was assessed at the end of May.

94/R/BES/2

GRAIN TONNES/HECTARE

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

DELT TIM	NONE	EAR+LAT	MID	LATE	ERMIDLAT	Mean
	3.17	3.46	3.14	3.32	3.61	3.34

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

DELT TIM
0.101

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

Stratum	d.f.	s.e.	cv%
ROW.COL	12	0.159	4.8

GRAIN MEAN DM% 83.7

PLOT AREA HARVESTED 0.00138