

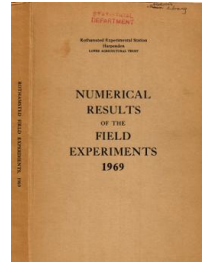
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Numerical Results of the Field Experiments 1969

[Full Table of Content](#)



69/R/BE/5 - Aphids - Beans

Rothamsted Research

Rothamsted Research (1970) *69/R/BE/5 - Aphids - Beans* ; Numerical Results Of The Field Experiments 1969, pp 287 - 288 - DOI: <https://doi.org/10.23637/ERADOC-1-96>

SPRING BEANS

(69/R/BE/5)

Effects of aphids, Little Hoos 1969.

Design: 5 x 5 Latin square.

Area of each plot: 0.0161. Area harvested: 0.0080.

Treatments: Insecticides:

None	(O)
Sprayed with demeton-s-methyl at 3.5 oz in 50 gals:	
At start of flowering	(SE)
At end of flowering	(SL)
At start and end of flowering	(SEL)
Treated with 17 oz phorate in granules	(G)

Basal applications: 360 lb (0:14:28) placement drilled. Weedkillers:
Paraquat at 0.5 lb ion in 25 gals. Simazine at 1 lb in 20 gals.

Cultivations, etc.: Paraquat applied: 11 Oct, 1968. Ploughed:
12 Nov. Seed drilled at 200 lb: 25 Mar, 1969. Simazine applied:
27 Mar. Phorate applied to G plots: 18 June. Demeton-s-methyl
applied: E and EL plots: 19 June, EL and L plots: 14 July.
Combine harvested: 5 Sept. Variety: Maris Bead. Previous
crops: Spring wheat 1967 and 1968.

NOTE: Aphid counts were made once a week throughout the growing
season.

Standard error per plot.

Grain, cwt: 1.37 or 6.2% (12 d.f.)

SUMMARY OF RESULTS

GRAIN: CWT

O	SE	SL	SEL	G	Mean
					(± 0.61)
20.4	22.2	22.2	23.9	22.0	22.2

Mean D.M.%: 82.4