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Numerical Results of the Field Experiments 1969

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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