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Numerical Results of the Field Experiments 1969

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69/W/BE/2 - Insecticide & Sitona - Beans

Rothamsted Research

Rothamsted Research (1970) *69/W/BE/2 - Insecticide & Sitona - Beans* ; Numerical Results Of The Field Experiments 1969, pp 280 - 281 - DOI: <https://doi.org/10.23637/ERADOC-1-96>

SPRING BEANS

(69/W/BE/2)

Effects of insecticide on Sitona - Woburn Horsepool 1969.

Design: 6 blocks of 2 plots.

Area of each plot: 0.0022. Area harvested: 0.0005.

Treatment:-

Insecticide: None (0), dieldrin at 1 lb sprayed on to the soil before sowing (I).

Basal applications: Weedkiller: Paraquat at 1.5 lb ion in 25 gals. 4 cwt (0:14:28) placed. Weedkiller: Simazine at 1 lb in 25 gals. Insecticide: Demeton-s-methyl at 3.5 oz in 30 gals.

Cultivations, etc.: Paraquat applied: 16 Oct, 1968. Ploughed: 4 Dec. Spring-tine cultivated: 10 Mar. Dieldrin treatment applied: 12 Mar. Spring-tine cultivated second stroke: 26 Mar. PK applied, seed drilled at 200 lb: 1 Apr. Simazine applied: 4 Apr. Insecticide applied: 25 June. Harvested by hand: 3 Sept. Variety: Maris Bead. Previous crops: Potatoes 1967, winter wheat 1968.

- NOTES: 1. Sticky and water traps were placed in the crop from germination until ripening.
2. Plant samples were taken for counts of Sitona larvae and estimates of damage during the growing season.

Standard error per plot.

Grain, cwt: 1.49 or 6.0% (5 d.f.)

SUMMARY OF RESULTS

GRAIN: CWT

0	I	Mean
(± 0.61)		
24.5	25.7	25.1

Mean D.M.%: 81.7