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Numerical Results of the Field Experiments 1970

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70/W/BE/2 Spring Beans Insecticide and Sitona

Rothamsted Research

Rothamsted Research (1971) *70/W/BE/2 Spring Beans Insecticide and Sitona* ; Numerical Results Of The Field Experiments 1970, pp 271 - 271 - DOI: <https://doi.org/10.23637/ERADOC-1-59>

SPRING BEANS

(70/W/BE/2)

Insecticide and Sitona - Woburn Lansome III 1970.

Design: 6 blocks of 3 plots.

Area of each plot: 0.0022. Area harvested: 0.0006.

Treatment:-

Insecticide: None (0), 2 lb (1), 4 lb BHC (2) cultivated in before sowing.

Basal applications: 400 lb (0:14:28). Weedkiller: Simazine at 1 lb in 25 gals. Insecticide: Demeton-s-methyl at 3.5 oz in 35 gals.

Cultivations, etc.: Rotary cultivated twice: 8 Sept, 1969, 11 Oct. Deep-tine cultivated: 2 Jan, 1970. BHC applied, rotary cultivated, power harrowed across the plots, fertiliser placed, seed drilled at 200 lb: 18 Mar. Weedkiller applied: 21 Mar. Demeton-s-methyl applied: 22 June. Harvested by hand: 17 Aug. Variety: Maris Bead. Previous crops: Potatoes 1968, winter wheat 1969.

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

Standard error per plot.

Grain, cwt: 0.69 or 11.5% (10 d.f.)

SUMMARY OF RESULTS

GRAIN: CWT

0	1	2	Mean
	(±0.28)		
5.0	6.6	6.4	6.0