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Numerical Results of the Field Experiments 1970

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70/R/BE/3 Spring Beans Pyrethroids

Rothamsted Research

Rothamsted Research (1971) *70/R/BE/3 Spring Beans Pyrethroids* ; Numerical Results Of The Field Experiments 1970, pp 272 - 273 - DOI: <https://doi.org/10.23637/ERADOC-1-59>

SPRING BEANS

(70/R/BE/3)

Pyrethroids, Pastures 1970.

Design: 3 randomised blocks of 4 plots.

Area of each plot: 0.0145. Area harvested: 0.0096.

Treatments:- Insecticides:

- | | |
|--|-----|
| None | (D) |
| Pyrethroid NRDC 104, 25% emulsifiable concentrate
at 4 oz a.i. in 50 gals | (A) |
| Pyrethroid NRDC 107, 25% emulsifiable concentrate
at 4 oz a.i. in 50 gals | (B) |
| Dimethoate 40% emulsifiable concentrate at 6 oz
a.i. in 50 gals | (D) |

Basal applications: 360 lb (0:14:28) drilled 4 in. deep by 'Tume'
drill. 3 tons of ground chalk. Weedkillers: Paraquat at
0.5 lb ion in 20 gals, simazine at 1 lb in 20 gals.

Cultivations, etc.: Paraquat applied: 2 Oct, 1969. Chalked: 1 Nov.
Ploughed: 2 Dec. Basal PK applied: 22 Mar, 1970. Seed drilled
at 200 lb: 17 Apr. Simazine applied: 19 Apr. Insecticides
applied: 3 July. Combine harvested: 4 Sept. Variety:
Maris Bead. Previous crops: Barley 1968 and 1969.

NOTE: Aphid counts were made.

Standard error per plot.

Grain, cwt: 1.42 or 20.0% (6 d.f.)

70/R/BE/3

SUMMARY OF RESULTS

GRAIN: CWT

O	A	B	D	Mean
(±0.82)				
5.0	6.5	6.4	10.6	7.1

Mean D.M. %: 81.5