

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

Yields of the Field Experiments 1971

[Full Table of Content](#)



71/R/BS/1 Aphids and Virus - Brussels Sprouts

Rothamsted Research

Rothamsted Research (1972) *71/R/BS/1 Aphids and Virus - Brussels Sprouts* ; Yields Of The Field Experiments 1971, pp 338 - 338 - DOI: <https://doi.org/10.23637/ERADOC-1-97>

71/R/BS/1

BRUSSELS SPROUTS

APHIDS AND VIRUS

Object: To study the effects of different times of applying insecticide on the yield of brussels sprouts and the incidence of aphids and virus - Garden Plot 11.

Design: 8 randomised blocks of 4 plots.

Whole plot dimensions: 6.10 x 4.57. Area harvested: 0.00046.

Treatments: Demeton-s-methyl at 326 g in 674 l, (by knapsack sprayer)
 applied early on 18 June (E)
 applied late on 24 Aug (L)
 applied early (18 June), in mid-season (29 July), and
 late (24 Aug) (EML)

Basal applications: 565 kg (0:20:20), 628 kg 'Nitro-Chalk'.

Cultivations, etc.: PK applied: 27 Nov, 1970. Ploughed: 11 Dec.
 Seed drilled at 4.2 kg 'Nitro-Chalk' broadcast: 28 Apr, 1971.
 Singled: 14 June. Sampled for yield: 8 Nov. Variety:
 Roem Kloosterburen. Previous crops: Sweet corn 1969, potatoes 1970.

NOTE: Aphid counts were made and virus incidence assessed.

Standard error per plot.

Sprouts, tonnes/hectare: 2.50 or 24.6% (19 d.f.)

SUMMARY OF RESULTS

SPROUTS, TONNES/HECTARE

O	E	L	EML	Mean
(±0.89)				
10.7	10.3	9.5	10.3	10.2