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Yields of the Field Experiments 1971

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

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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