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Yields of the Field Experiments 1964

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64/W/WCT101/DE/1 Carrots - Control of Motley Dwarf Virus

Rothamsted Research

Rothamsted Research (1965) *64/W/WCT101/DE/1 Carrots - Control of Motley Dwarf Virus* ; Yields Of The Field Experiments 1964, pp 235 - 235 - DOI: <https://doi.org/10.23637/ERADOC-1-160>

64/De/1

CARROTS

(Wct 101)

The effect of systemic insecticides on yield through control of motley dwarf virus - Woburn Butt Close 1964.

Design: 6 randomised blocks of 2 plots each.

Area of each plot: 0.0077. Area harvested: 0.0029.

Treatments: None (O), sprayed 5 times with menazon at 0.5 lb in 60 gals (S).

Basal dressing: 8 cwt (10:10:18).

Cultivations, etc.: Ploughed twice: Oct 2, 1963 and Jan 6, 1964. Basal dressing applied: Apr 30. Seed drilled at 4 lb: May 4. Menazon sprays applied: May 27, June 12, June 24, July 14, July 29. Lifted: Sept 7. Variety: New Model Red Cored. Previous crops: Spring beans 1962, winter wheat 1963.

NOTE: Aphid counts and estimates of virus infection were made.

Standard errors per plot.

Marketable roots: 0.822 or 5.0% (5 d.f.)

Tops from marketable roots: 0.142 or 4.0% (5 d.f.)

SUMMARY OF RESULTS

O	S	Mean
MARKETABLE ROOTS		
13.80	18.79	16.30
(±0.336)		
TOPS FROM MARKETABLE ROOTS		
2.94	4.11	3.52
(±0.058)		