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Yields of the Field Experiments 1966

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66/W/WP401/DD/11 Potatoes - Tuber Blight

Rothamsted Research

Rothamsted Research (1967) *66/W/WP401/DD/11 Potatoes - Tuber Blight* ; Yields Of The Field Experiments 1966, pp 299 - 300 - DOI: <https://doi.org/10.23637/ERADOC-1-158>

66/Da/11.2

SUMMARY OF RESULTS

0	E3	L2	Mean
TOTAL TUBERS			
13.98 (±1.113)	12.71 (±0.557)	12.18 (±1.113)	12.83
% WARE			
91.3	90.3	90.6	90.5

66/De/1.1

CARROTS

(Wct 1)

The effects of systemic insecticides on yield through control of motley dwarf virus - Woburn Butt Furlong 1966.

Design: 4 x 4 Latin square.

Area of each plot: 0.0135. Area harvested: 0.0029.

Treatments: All combinations of:-

1. Menazon granules placed: None (0), 0.8 lb menazon (G).
2. Menazon spray: None (0), sprayed 3 times with menazon (Saphicol at 0.5 pints in 47 gals twice, Saphicol at 0.5 pints in 50 gals once) (S).

Basal applications: 8 cwt (10:10:18). Weedkiller: 1 lb linuron in 44 gals.

Cultivations, etc.: Ploughed: Sept 27, 1965. Ground chalk applied at 28 cwt: Mar 14, 1966. Basal NPK applied: May 3. Seed drilled at 2.6 lb, menazon granules placed: May 4. Weedkiller applied: May 7. Menazon sprays applied: June 16, June 29, July 15. Lifted: Aug 31. Variety: Clucas New Model Red Cored. Previous crops: Winter wheat 1964, barley 1965.

NOTE: Sticky trap records were taken and periodical aphid counts were made on plots. Estimates of virus infection and yield from samples were made in late August.

Standard errors per plot.

Marketable roots: 0.517 or 4.5% (6 d.f.)
Tops from marketable roots: 0.358 or 7.9% (6 d.f.)