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Yields of the Field Experiments 1966

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66/W/WCT1/DE/1 Carrots - Motley Dwarf Virus

Rothamsted Research

Rothamsted Research (1967) *66/W/WCT1/DE/1 Carrots - Motley Dwarf Virus* ; Yields Of The Field Experiments 1966, pp 301 - 302 - DOI: <https://doi.org/10.23637/ERADOC-1-158>

66/De/1.2

SUMMARY OF RESULTS

	O	S	Mean
MARKETABLE ROOTS			
	(±0.258)		(±0.183)
O	8.00	13.76	10.88
G	11.20	12.77	11.98
Mean (±0.183)	9.60	13.27	11.43
TOPS FROM MARKETABLE ROOTS			
	(±0.179)		(±0.127)
O	3.29	5.52	4.40
G	4.35	4.99	4.67
Mean (±0.127)	3.82	5.25	4.54

66/Df/1.1

KALE

Urea concentrations in NPK fertilisers - Highfield IV 1966.

Design: 3 randomised blocks of 18 plots.

Area of each plot: 0.0019. Area harvested: 0.0011.

Treatments: None (O) (2 plots per block) and all combinations of:-

1. Compound fertilisers (all in proportion N: P₂O₅: K₂O of 2:1:1).

Compounds with P as triple superphosphate:-

- N 100% urea (P).
- N 67% urea and 33% ammonium nitrate (Q).
- N 33% urea and 67% ammonium nitrate (R).
- N 100% ammonium nitrate (S).

Compounds with P and part N as monourea phosphate, remaining N as follows:-

- 100% urea (T).
- 66% urea and 33% ammonium nitrate (U).
- 33% urea and 66% ammonium nitrate (V).
- 100% ammonium nitrate (W).

K as muriate of potash in all compounds.

2. Levels: To supply 1.25 (L1), 2.50 (L2) cwt N.

Basal applications: Manures: None.

Cultivations, etc.: Ploughed: Nov 13, 1965. Rotary cultivated, fertilisers broadcast, seed drilled at 10 lb: May 11, 1966.
Harvested: Nov 1. Variety: Thousand Head. Previous crops: Winter wheat 1964, barley 1965.

NOTE: Crop samples were taken for germination count, yield and N percentage. Samples were taken at harvest for yield and N percentage.

Standard error per plot.

Fresh weight: 1.628 or 6.6% (34 d.f.)