

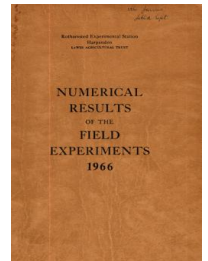
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1966

[Full Table of Content](#)



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.)