

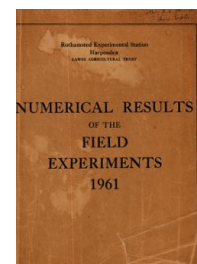
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

# Yields of the Field Experiments 1961

[Full Table of Content](#)



---

## 61/R/DD/3 Spring Beans - Varietal Susceptibility to Virus

### Rothamsted Research

Rothamsted Research (1962) *61/R/DD/3 Spring Beans - Varietal Susceptibility to Virus* ; Yields Of The Field Experiments 1961, pp 124 - 124 - DOI: <https://doi.org/10.23637/ERADOC-1-182>

61/Da/3

SPRING BEANS

Varietal susceptibility to virus - Great Knott III 1961.

Design: 3 randomised blocks of 7 plots each.

Area of each plot (acres): -0.0161. Area harvested: 0.0100.

Treatments:

Varieties: Albyn Tick (A); Tick 30<sup>B</sup> (B); Granton (G);  
Herz Freya (H); Minor (M); Strubes (S); Tick (T).

Basal dressing: 3½ cwt per acre compound fertiliser, 14% P<sub>2</sub>O<sub>5</sub>,  
28% K<sub>2</sub>O placement drilled with seed.

Cultivations, etc.: Ground chalk applied at 61 cwt per acre:  
Mar 7, 1961. Sprayed with diquat at 5½ pints and 12 fluid oz  
spreader in 80 gallons per acre: Mar 25. Rotary cultivated  
twice: Mar 30 and Apr 11. Seed placement drilled at 200 lb  
per acre: Apr 13. Sprayed with simazine at 1 lb active  
material in 40 gallons per acre: Apr 25. Sprayed with  
demeton-methyl at 12 fluid oz in 40 gallons per acre: June 24.  
Combine harvested: Sept 5. Previous crop: Winter wheat.

Note. Counts of virus infected plants and estimates of numbers of  
aphids were made.

Standard error per plot.

Grain (at 85% dry matter): 1.54 cwt per acre or 8.2% (12 d.f.)

Summary of Results

Grain (at 85% dry matter): cwt per acre

Variety							Mean
A	B	G	H	M	S	T	
21.4	21.3	15.0	13.8 (±0.89)	17.1	21.2	21.1	18.7

Mean dry matter % as harvested: 78.7