

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

## Numerical Results of the Field Experiments 1969

[Full Table of Content](#)



---

### 69/W/RN/4 - Market Garden Experiment - Beans

#### Rothamsted Research

Rothamsted Research (1970) *69/W/RN/4 - Market Garden Experiment - Beans* ; Numerical Results Of The Field Experiments 1969, pp 75 - 77 - DOI: <https://doi.org/10.23637/ERADOC-1-96>

MARKET GARDEN SOIL

(69/W/RN/4)

Residues of organic manures, P and K - Lansome I 1969, second year, beans.

For history, past treatments, etc., see 'Details 1967' and 'Results' 68/B/4.

Area of each sub-plot: 0.0055. Area harvested: 0.0041.

Basal applications: Weedkillers: Paraquat at 0.75 lb in 25 gals.  
Simazine at 0.75 lb in 25 gals. Insecticide: Demeton-s-methyl at 3.5 oz in 30 gals.

Cultivations, etc.:-

Paraquat applied: 16 Oct, 1968. Ploughed: 20 Nov. Seed drilled at 200 lb: 31 Mar, 1969. Simazine applied: 4 Apr. Insecticide applied: 19 June. Combine harvested: 5 Sept. Variety: Tarvin.

SUMMARY OF RESULTS

GRAIN: CWT

SERIES A

Organic		POKO	PK1	P2K2	Mean
1942-61*	1962-67				
O	O		15.2	16.8	16.0
S1	O			19.5**	
S2	O			22.2**	
T1	O			18.8**	
T2	O			20.5**	
D1	D1	18.8	16.8		17.8
D2	D2	21.1	19.1		20.1
C1	D1	18.4	15.3		16.9
C2	D2	24.7	21.6		23.1

General mean: 19.1  
 Mean D.M. %: 84.4

\* Last applied to Leeks 1961/62  
 \*\* PK1 1962-65

GRAIN: CWT

SERIES B

Organic			POKO	P1K1	P2K2	Mean
1942-61	1962-64	1966-67				
O	O	O		14.3	19.1	16.7
O	O	PT		17.8	21.0	19.4
S1	O	O	20.9*			
S2	O	O	21.6*			
T1	O	O	21.2*			
T2	O	O	22.7*			
D1	D1	D1	16.0	18.0		
D1	D1	O	19.1	21.0		
D2	D2	D2	19.3	21.1		
D2	D2	O	21.2	23.2		
C1	D1	D1	23.1	25.1		
C2	D2	D2	22.2	24.2		

General mean: 20.9  
 Mean D.M. %: 83.4

\* P1K1 1962-64