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Numerical Results of the Field Experiments 1969

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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