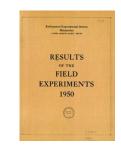
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Yields of the Field Experiments 1950



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50/CA/2 Wheat - Residual of Dung - Rothamsted

Rothamsted Research

Rothamsted Research (1951) 50/CA/2 Wheat - Residual of Dung - Rothamsted; Yields Of The Field Experiments 1950, pp 58 - 58 - DOI: https://doi.org/10.23637/ERADOC-1-185

WHEAT

Residual effect of dung - Sawyers III 1950.

System of replication: 4 randomized blocks of 12 plots each.

Area of each plot: 0.0394 acre.

Treatments:

Dung: None, 5, 10, 15 tons per acre applied to potatoes 1948-9. Methods of application: Ploughed in, in winter (1948); ploughed in, in spring (1949); placed in ridges (1949).

Basal manuring: 2 cwt sulphate of ammonia per acre.

Cultivations, etc.: Ploughed: Oct 18-24. Harrowed, seed drilled:
Nov 3. Harrowed in: Nov 4. Harrowed and tractor rolled: Mar 28.
Sulphate of ammonia applied: May 2. Sprayed with D.N.O.C: May 18.
Harvested: Aug 12. Variety: Bersee. Previous crop: Potatoes.

Standard error per plot: Grain: 2.70 cwt per acre or 10.1% (35 d.f.)

	Summary of Results				
Method of application	Dung applied to potatoes 1948-9: tons per acre 0 5 10 15				Mean
application	1	2			1wortt
	Grain:	cwt per			(±0.78)
Ploughed in, in winter Ploughed in, in spring Placed in ridges		26.7	(<u>+</u> 1.35) 27.4 26.5 27.5	27.3 27.2 28.6	26.7 26.8 26.9
Mean (±0.78)	26.3	25•7	27.1	27•7	26.7
	Straw:	Straw: cwt per acre			
Ploughed in, in winter Ploughed in, in spring Placed in ridges		33.5 35.5 33.9	36.4 34.0 36.4	38.6 39.7 39.8	36.2 36.4 36.7
Mean	34.5	34.3	35.6	39•3	35•9