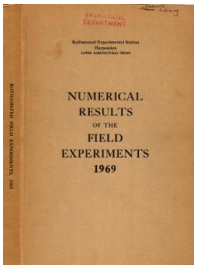
ROTHAMSTED RESEARCH

Numerical Results of the Field Experiments 1969

Full Table of Content



69/S/CS/4 - P and K Residues - Spring Wheat After Clover

Rothamsted Research

Rothamsted Research (1970) *69/S/CS/4 - P and K Residues - Spring Wheat After Clover ;* Numerical Results Of The Field Experiments 1969, pp 233 - 234 **- DOI: https://doi.org/10.23637/ERADOC-1-96**

SPRING WHEAT

(69/S/CS/4)

Phosphate and potash, Saxmundham, Victor's Plot, 1969, the third year, spring wheat following clover. For treatments etc. and for previous years' results see 'Results' 67/C/45 and 68/C/41.

Design: 4 randomised blocks of 4 plots, with plots split into 2 for N*.

Area of each plot: 0.0018. Area harvested: 0.0011.

Treatments: All combinations of:-
Whole plots: 1. Phosphate: 0.5 cwt (P1), 2.0 cwt (P4) P205 as triple superphosphate.
2. Potash: None (K0), 2.0 cwt (K1) K20 as muriate of potash.
Sub plots*: 3. Nitrogen: 0.5 cwt (N1), 1.0 cwt (N2) as 'Nitro-Chalk'.

Basal applications: Manures: None. Weedkiller: Paraquat at 0.5 lb ion in 25 gals.

Cultivations, etc.: P and K applied: 25 Sept, 1968. Ploughed: 31 Oct - 14 Nov, 1968. Paraquat applied: 17 Apr, 1969. Seed drilled: 18 Apr. N applied: 14 May. Combine harvested: 21 Aug. Variety: Kolibri.

Standard error per plot.
Grain, cwt: 1.23 or 8.3% (8 d.f.)

* NOTE: The split for N was ignored at harvest.

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SUMMARY OF RESULTS

	K0	K1	Mean
	GRAIN: CWT		
	(±0.62)		(±0.44)
P1	15.6	13.8	14.7
P4	15.4	14.5	14.9
Mean (±0.44)	15.5	14.1	14.8
	STRAW: CWT		
P1	30.9	32.0	31.5
P4	29.1	30.4	29.8
Mean	30.0	31.2	30.6

Mean D.M. %: Grain: 78.7
Straw: 63.1

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