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Yields of the Field Experiments 1952

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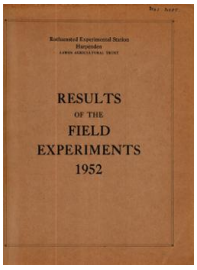

52/CA/4 Wheat - Control Wireworm - Rothamsted

Rothamsted Research

Rothamsted Research (1953) *52/CA/4 Wheat - Control Wireworm - Rothamsted ;* Yields Of The Field Experiments 1952, pp 74 - 74 **- DOI: https://doi.org/10.23637/ERADOC-1-178**

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WHEAT

The control of wireworm by insecticides - Geescroft 1952.

System of replication: 3 randomized blocks of 8 plots each.

Area of each plot: 0.0289 acre.

Treatments:
O = None (triplicate plots)
S = Gammexane seed dressing 2 oz per bushel
G = Gammexane combine drilled with seed at 56 lb per acre 3.5% dust
A = Aldrin " " " " " 200 lb " " 1.78% "
C = Chlordane " " " " " 100 lb " " 5% "
D = D.D.T. " " " " " 150 lb " " 5% "

Basal dressing: 3 cwt sulphate of ammonia per acre.

Cultivations, etc: Ploughed: Nov 9. Seed drilled at 3 bushels per acre with insecticides: Dec 1. Sulphate of ammonia applied: Apr 21. Sprayed with low volume M.C.P.A: May 7. Harvested: Aug 31. Variety: Nord Desprez. Previous crop: Old Grass.

Standard error per plot:
Grain: 1.24 cwt per acre or 3.8% (16 d.f.)

Summary of Results

	O	S	G	A	C	D	Mean
			Grain: cwt per acre				
Mean (±0.71)	31.6(1)	32.9	33.6	36.3	33.7	31.7	32.9
Increase (±0.83)		1.3	2.0	4.7	2.1	0.1	
			Straw: cwt per acre				
Mean	43.6	46.7	45.6	47.0	44.6	42.6	44.7
Increase		3.1	2.0	3.4	1.0	-1.0	

Standard error (1) 0.41.