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Numerical Results of the Field Experiments 1968

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68/C/20 Direct Seeding - W. Wheat

Rothamsted Research

Rothamsted Research (1970) *68/C/20 Direct Seeding - W. Wheat* ; Numerical Results Of The Field Experiments 1968, pp 196 - 197 - DOI: <https://doi.org/10.23637/ERADOC-1-58>

68/C/22.1

WINTER WHEAT

(DA)

Soil sterilants, Claycroft 1968, the second year.

Design: 2 replicates of 10 x 2 in 4 blocks of 10 plots.

Area of each plot: 0.0030. Area harvested: 0.0016.

Treatments: All combinations of:-

1. Treatment sequences (soil sterilants):-

1967 O O F F R R Z Z D D

1968 O F O F R Z R Z O D

where O = No sterilant, not rotary cultivated.

R = No sterilant, rotary cultivated.

D = D-D at 800 lb injected.

Z = Dazomet at 400 lb rotary cultivated in.

F = Formalin drench at 266* gals of formalin in 9680 gals.

2. Nitrogen (cumulative 1967, 1968): None (NO), 1.0 (N1) cwt N as 'Nitro-Chalk'.

Basal applications: 2.5 cwt (0:20:20) combine drilled.

Cultivations, etc.: Ploughed: 13 Sept, 1967. Dazomet applied and rotary cultivated in, R plots rotary cultivated, formalin drench applied: 5 Oct. D-D applied: 9 Oct. Seed drilled at 180 lb: 23 Nov. 'Nitro-Chalk' applied: 11 Apr, 1968. Combine harvested: 24 Aug. Variety: Cappelle.

NOTE: (1) Plant samples were taken for disease counts.

(2) Many plants on plots treated with D-D in 1968 had deformed ears. No abnormal ears were seen on other plots.

(3) For the previous year's results see 'Results' 67/C/29.

Standard error per plot.

Grain: 1.93 or 6.2% (18 d.f.)

* 372 gals in 1967

0.13 1/20

0.13 1/20

0.13 1/20

DATE	TIME	IN	OUT	TIME	IN	OUT	TIME	IN	OUT
(07.00)		10.00							
0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
(11.00)		10.00							
0.13	0.13	0.13	0.13	0.13					
0.13	0.13	0.13	0.13	0.13					
0.13	0.13	0.13	0.13	0.13					
0.13	0.13	0.13	0.13	0.13					
0.13	0.13	0.13	0.13	0.13					

0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13

some papers through the course of the day, and the papers are
 approximately arranged in the order in which they are to be read.

0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13