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Numerical Results of the Field Experiments 1968

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68/DA/6 Varieties and N - W. Wheat

Rothamsted Research

Rothamsted Research (1970) *68/DA/6 Varieties and N - W. Wheat ;* Numerical Results Of The Field Experiments 1968, pp 301 - 302 **- DOI: https://doi.org/10.23637/ERADOC-1-58**

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68/Da/6.1

WINTER WHEAT

(RW 501)

Varieties and N - Claycroft 1968.

Design: 4 randomised blocks of 5 plots, split into 3.

Area of each sub plot: 0.0121. Area harvested: 0.0064.

Treatments: All combinations of:-
Whole plots: 1. Varieties: Cappelle (CA), Champlein (CH), Joss Cambier (JC), Maris Ranger (MR), Maris Widgeon (MW).
Sub plots: 2. N: 0.6 (N2), 0.9 (N3), 1.2 (N4) cwt as 'Nitro-Chalk' in spring (in addition to basal).

Basal applications: 340 lb (6:15:15) combine drilled.

Cultivations, etc.: Ploughed: 13 Sept, 1967. Seed drilled at 180 lb: 24 Oct. 'Nitro-Chalk' applied: 18 Apr, 1968. Combine harvested: 27 Aug. Previous crops: Barley 1966 and 1967.

Standard errors per plot.
Grain: Whole plot: 1.27 or 3.4% (12 d.f.)
Sub plot: 1.81 or 4.9% (30 d.f.)

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68/Da/6.2

SUMMARY OF RESULTS

GRAIN

	CA	CH	JC	MR	MW	Mean
			(1) and (2)			(±0.41)
N2	38.6	44.3	39.0	39.0	37.1	39.6
N3	35.7	40.7	37.1	39.8	31.4	36.9
N4	31.9	37.4	34.1	37.0	30.8	34.3
Mean (±0.63)	35.4	40.8	36.8	38.6	33.1	36.9

(1) (±0.97) For use in horizontal and diagonal comparisons only.
(2) (±0.91) For use in vertical and interaction comparisons only.

Mean D.M. %: 80.9