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Yields of the Field Experiments 1957

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57/R/CB/3 Barley - Varieties and N

Rothamsted Research

Rothamsted Research (1958) *57/R/CB/3 Barley - Varieties and N* ; Yields Of The Field Experiments 1957, pp 81 - 81 - DOI: <https://doi.org/10.23637/ERADOC-1-177>

57/Cb/3

BARLEY

Varieties and levels of nitrogen - Great Field II 1957.

Design: 3 randomized blocks of 5 plots each, plots being split into 2 for the application of nitrogen.

Area of each sub plot: 0.0106 acres. Area harvested: 0.0071 acres.

Treatments: All combinations of:-

Whole plots. Varieties: Domen (1); Herta (2); Ingrid (3);

Plumage Archer (4); Proctor (5).

Sub plots. Nitrogen: 0.3; 0.6 cwt N per acre applied as sulphate of ammonia.

Basal dressing: None.

Cultivations, etc.: Ploughed: Nov 26, 1956. Seed drilled at 2 bushels per acre: Mar 26, 1957. Sulphate of ammonia applied: Mar 28. Sprayed with CMPP at 6 pints in 40 gallons per acre: May 23. Combine harvested: Aug 26. Previous crop: Potatoes.

Standard errors per plot, Grain (at 85% dry matter):

Whole plot: 1.26 cwt per acre or 3.3% (8 d.f.)

Sub plot: 1.73 cwt per acre or 4.6% (10 d.f.)

Summary of Results

Grain (at 85% dry matter): cwt per acre

N: cwt per acre	Variety					Mean
	1	2	3	4	5	
	(±1.01)*					
0.3	37.7	40.1	37.9	34.6	39.9	38.1
0.6	36.4	40.1	37.7	32.8	41.1	37.6
Mean (±0.72)	37.0	40.1	37.8	33.7	40.5	37.8
Diff. (±1.41)	-1.3	0.0	-0.2	-1.8	+1.2	-0.5 (±0.63)

*For use in comparisons other than vertical.

Mean dry matter % as harvested: 84.2