

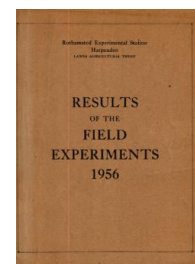
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Yields of the Field Experiments 1956

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56/R/CA/6 Spring Wheat - Varieties and N

Rothamsted Research

Rothamsted Research (1957) *56/R/CA/6 Spring Wheat - Varieties and N* ; Yields Of The Field Experiments 1956, pp 79 - 79 - DOI: <https://doi.org/10.23637/ERADOC-1-176>

56/Ca/6

SPRING WHEAT

Varieties and levels of nitrogen - Little Hoos 1956.

Design: 3 randomized blocks of 8 plots each, plots being split into 2 for the application of nitrogen.

Area of each sub plot: 0.0101 acres. Area harvested: 0.0067 acres.

Treatments: All combinations of:

Whole plots. Varieties: Atle (1); Atson (2); Bersee (3),
Koga II (4); Miana (5); Peko (6); Progress (7); Svenno (8).
Sub plots. Nitrogen: 0.3; 0.6 cwt N per acre applied as
'Nitro-Chalk'.

Basal dressing: 1 cwt superphosphate per acre combine drilled with seed.

Cultivations, etc.: Ploughed: Oct 14, 1955 and again Jan 24, 1956.
'Nitro-Chalk' applied, seed combine drilled at $2\frac{3}{4}$ bushels per acre: Mar 19. Sprayed with DNOC at 6 lb in 90 gallons: May 4.
Combine harvested: Sept 20. Previous crop: Potatoes.

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

Whole plot: 1.74 cwt per acre or 5.7% (14 d.f.)
Sub plot: 1.76 cwt per acre or 5.8% (16 d.f.)

Summary of Results

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

N: cwt per acre	Variety								Mean
	1	2	3	4	5	6	7	8	
	(±1.24)*								
0.3	29.5	32.2	24.6	33.5	25.3	34.3	30.6	28.7	29.8
0.6	29.9	33.8	26.9	33.2	26.6	33.5	31.2	32.0	30.9
Mean (±1.01)	29.7	33.0	25.8	33.4	25.9	33.9	30.9	30.3	30.4
Difference (±1.43)	+0.4	+1.6	+2.3	-0.3	+1.3	-0.8	+0.6	+3.3	+1.1
									(±0.51)

* for use in comparisons other than vertical.

Mean dry matter % as harvested: 80.5