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# Yields of the Field Experiments 1950



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## 50/CB/1 Barley - Late Application of Nitrogen - Rothamsted

#### **Rothamsted Research**

Rothamsted Research (1951) 50/CB/1 Barley - Late Application of Nitrogen - Rothamsted; Yields Of The Field Experiments 1950, pp 63 - 63 - DOI: https://doi.org/10.23637/ERADOC-1-185

50/Cb/1

#### BARLEY

Late application of nitrogen - Long Hoos V 1950.

System of replication: 4 randomized blocks of 3 plots each.

Area of each plot: 0.0192 acre.

#### Treatments:

Nitrochalk: None, 12, 3 cwt per acre applied as a top dressing.

Basal manuring:  $1\frac{1}{2}$  cwt sulphate of ammonia per acre.

Cultivations, etc.: Ploughed: Sept 27-Oct 3. Springtine harrowed: Mar 8 and 11. Harrowed: Mar 13. Sulphate of ammonia drilled: Mar 14. Seed drilled, harrowed in and ring rolled: Mar 16. Sprayed with high volume 2, 4-D: May 12. Nitrochalk applied by hand: June 27. Harvested: Aug 8. Variety: Plumage Archer. Previous crop: Beans.

#### Standard errors per plot:

Grain: 1.51 cwt per acre or 6.6% (6 d.f.)
Straw: 2.16 cwt per acre or 7.4% (6 d.f.).

### Surmary of Results

	Approximately the second secon			
	Nitrochalk: cwt per acre as top dressing			
	None	1 1 2	3	Mean
1	cwt per acre			1
Grain (±0.76)	22.7	22.7	23.1	22.9
Straw ( <u>+</u> 1.08)	28.2	29.6	29.5	29.1

#### Note

Analytical results showing increases in crude protein due to late nitrogen are given on page 116 of the Station's Annual Report for 1950.