

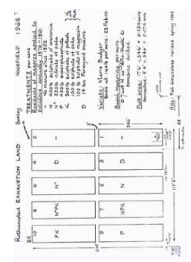
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Collection of Plans for the Exhaustion Land Experiment

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Exhaustion Land 1979

Rothamsted Research

Rothamsted Research (1973-1986) *Exhaustion Land 1979* ; Collection Of Plans For The Exhaustion Land Experiment, pp 10 - 10

BARLEY

124 Year

Rothamsted Exhaustion Land

Sponsors: J.F. Jenkins, A.F. Johnston, J. McEwen

79/R/EX/42

TREATMENTS per hectare (acre)

No Sub-Plots

(N rates	rotate every year
0, 1, 2, 3	None, 48, 96, 144 kg N as Nitro-Chalk
(- 43, 86, 129 lb N)	

Basal manuvring: None

Variety: Julia, seed^{not} dressed with ethiri
sown at 140 lb/acre (157 kg/ha) on 18 April

Residuals of Manures applied to Potatoes

Annually 1876-1901

No manure since 1852

400 lb	(448 kg/ha)	sulphate of ammonia
550 lb	(617 kg)	nitrate of soda
400 lb	(448 kg)	superphosphate
300 lb	(336 kg)	sulphate of potash } K ⁺ N
100 lb	(112 kg)	sulphate of soda } Na ⁺
100 lb	(112 kg)	sulphate of magnesia } Na ⁺
14 tons	(35 tonnes)	farmyard manure

Plot area: $17'6'' \times 345' = 0.139 \text{ acre}$ (0.0561)
 Sub-plot $17'6'' \times 84' = 0.034 \text{ acre}$ (0.0141)
 Harvested: $9'4'' \times 84' = 0.018 \text{ acre}$ (0.0073)

* N sequence

