

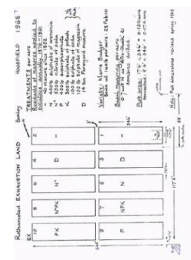
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# Collection of Plans for the Exhaustion Land Experiment

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## Exhaustion Land 1982

### Rothamsted Research

Rothamsted Research (1973-1986) *Exhaustion Land 1982* ; Collection Of Plans For The Exhaustion Land Experiment, pp 13 - 13

82/R/Ex/4 ROTHAMSTED EXHAUSTION LAND 12TH YEAR BARLEY HOOSFIELD 1982

Sponsors: J.F. Temlyn, A.E. Johnston, J. McEwen

TREATMENTS Per hectare (acre)

N to Sub-plots (Started 1976)  
 (N rates rotate every year)  
 -, 1, 2, 3 None, 48, 96, 144 kg N as Nitro-chalk, 26% N  
 (-, 43, 86, 129 lb N)

BASAL MANURING: None

VARIETY: Georgie, seed dressed with Ethirimol  
 Sown at 140 lb/acre (157 kg/ha) on 30 March

RESIDUALS OF MANURES APPLIED TO POTATOES

ANNUALLY 1876-1901

-	No Manure since 1852	
N	400 lb/AC (448 kg/ha)	Sulphate of ammonia
*N	550 " " (617 " " )	Nitrate of Soda
P	400 " " (448 " " )	Superphosphate
K	300 " " (336 " " )	Sulphate of Potash
	100 " " (112 " " )	Sulphate of Soda
	100 " " (112 " " )	Sulphate of Magnesia
FYM	14 tons (35 tonnes)	Farmyard manure

PLOT AREA: 17'6" x 345' = 0.139 acre (0.056 ha)  
 Sub-plot 17'6" x 84' = 0.034 " (0.014 " )  
 Harvested 9'4" x 84' = 0.018 " (0.0073 " )

+ N Sequence	1980	'81	'82	'83	'84	'85
	0	3	2	1	0	3
	1	0	3	2	1	0
	2	1	0	3	2	1
	3	2	1	0	3	2

