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Collection of Plans for the Exhaustion Land Experiment

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Exhaustion Land 1984

Rothamsted Research

Rothamsted Research (1973-1986) *Exhaustion Land 1984* ; Collection Of Plans For The Exhaustion Land Experiment, pp 15 - 15

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84/R/Ex/4 ROTHAMSTED EXHAUSTION LAND 129 H YEAR BARLEY HOOSFIELD 1984

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

TREATMENTS Per hectare (acre)

N to Sub-plots (Started 1976)
(N rates rotate every year)
None, 48, 96, 144 kg N as Nitro-Clark, 26% N

- 1, 2, 3 (- , 43, 86, 129 lb N)

BASAL MANURING: None

VARIETY: Triumph, seed dressed with Baytan, sown at 140 lb/acre (157 kg/ha) on 10 March

RESIDUALS OF MANURES APPLIED TO POTATOES

ANNUALLY 1876 - 1901

-	No Manure since 1852	
N	400 lb/AL (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 34'5" = 0.139 acre (0.056 ha)

Sub-Plot Harvested 17'6" x 8'4" = 0.034 " (0.014 ")
9'4" x 8'4" = 0.018 " (0.0073 ")

+ N Sequence	1980	181	182	183	184	185	186
		3	2	1	-	3	2
		1	-	3	2	1	-
		2	1	-	3	2	1
		3	2	1	-	3	2

