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Collection of Plans for the Exhaustion Land Experiment

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Exhaustion Land 1985

Rothamsted Research

Rothamsted Research (1973-1986) *Exhaustion Land 1985* ; Collection Of Plans For The Exhaustion Land Experiment, pp 16 - 16

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ROTHAMSTED EXHAUSTION LAND 130 K. YEAR BARLEY HOOSFIELD 1985

Sponsors: T. F. Temby, R. 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, 27.5% N
(1, 43, 86, 129 lb N)

BASAL MANURING: None

VARIETY: Triumph, seed dressed with Baytan, sown at 157 kg/ha on 18 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	181	182	183	184	185	186	187
		3	2	1	-	3	2	1
		1	-	3	2	1	-	3
		2	1	-	3	2	1	-
		3	2	1	-	3	2	1

