

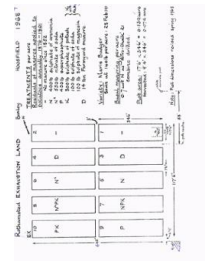
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ROTHAMSTED
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Collection of Plans for the Exhaustion Land Experiment

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Exhaustion Land 1981

Rothamsted Research

Rothamsted Research (1973-1986) *Exhaustion Land 1981* ; Collection Of Plans For The Exhaustion Land Experiment, pp 12 - 12

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81/R/EX/14 ROTHAMSTED EXHAUSTION LAND 126th YEAR BARLEY HOOSFIELD 1981

Sponsors: T. F. Tenby, A. E. Johnston, J. McEwen

TREATMENTS Per hectare (acre)

N to Sub-Plots (Started 1976)

(N rates rotate every year)

0, 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 Ekurimol
Sown at 140 lb/acre (157 kg/ha) on 18 February

RESIDUALS OF MANURES APPLIED TO POTATOES

ANNUALLY 1876-1901

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

PLOT AREA: 17'6" x 34'5" = 0.139 acre (0.056 ha)

Sub-Plot 17'6" x 8'4" = 0.034 " (0.014 ")

Harvested 9'4" x 8'4" = 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

