

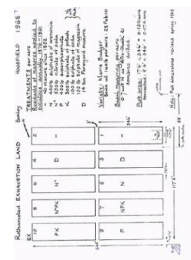
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Collection of Plans for the Exhaustion Land Experiment

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Exhaustion Land 1983

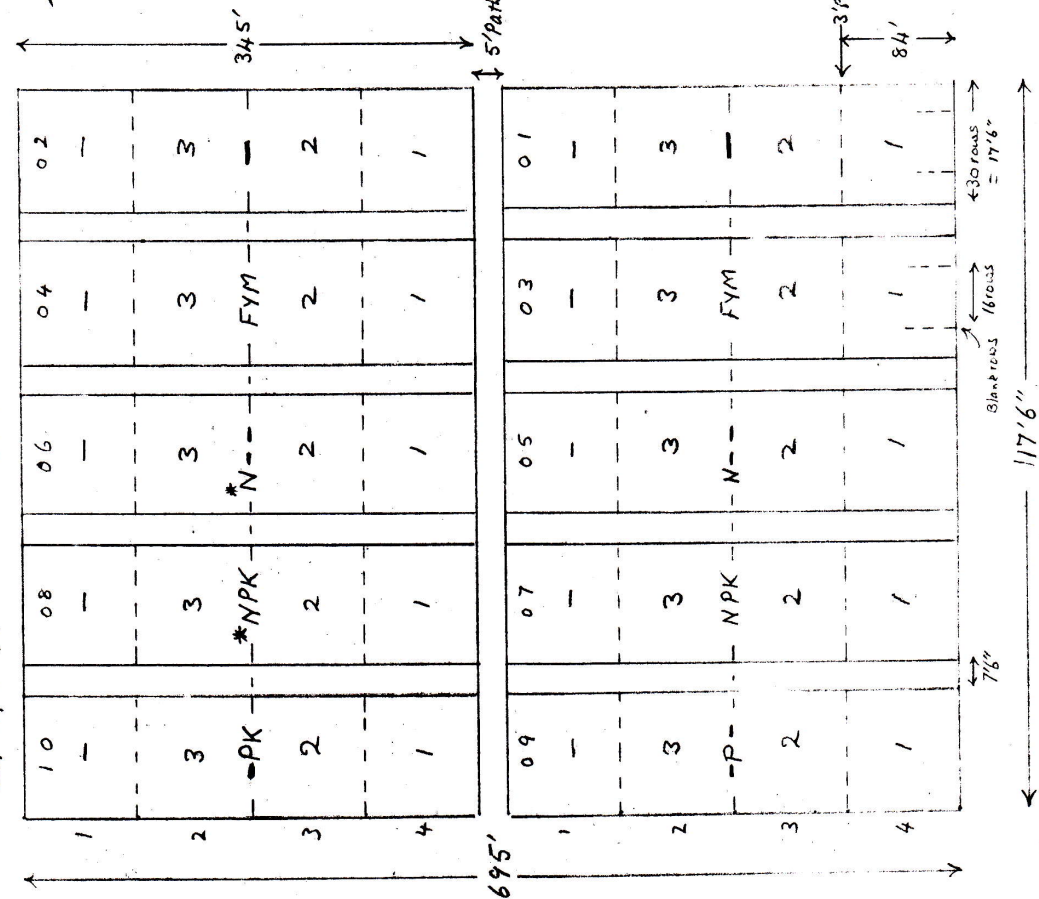
Rothamsted Research

Rothamsted Research (1973-1986) *Exhaustion Land 1983* ; Collection Of Plans For The Exhaustion Land Experiment, pp 14 - 14

83/R/EX/4 ROTHAMSTED EXHAUSTION LAND

128th YEAR

BARLEY HOOSFIELD 1983



Sponsors: J. F. Temple, 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-Clak, 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 10/3/83

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 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
	-	3	2	1	-	3
	1	-	3	2	1	-
	2	1	-	3	2	1
	3	2	1	-	3	2