

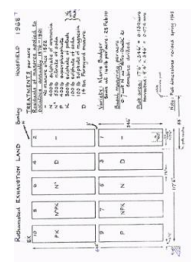
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Collection of Plans for the Exhaustion Land Experiment

[Full Table of Content](#)



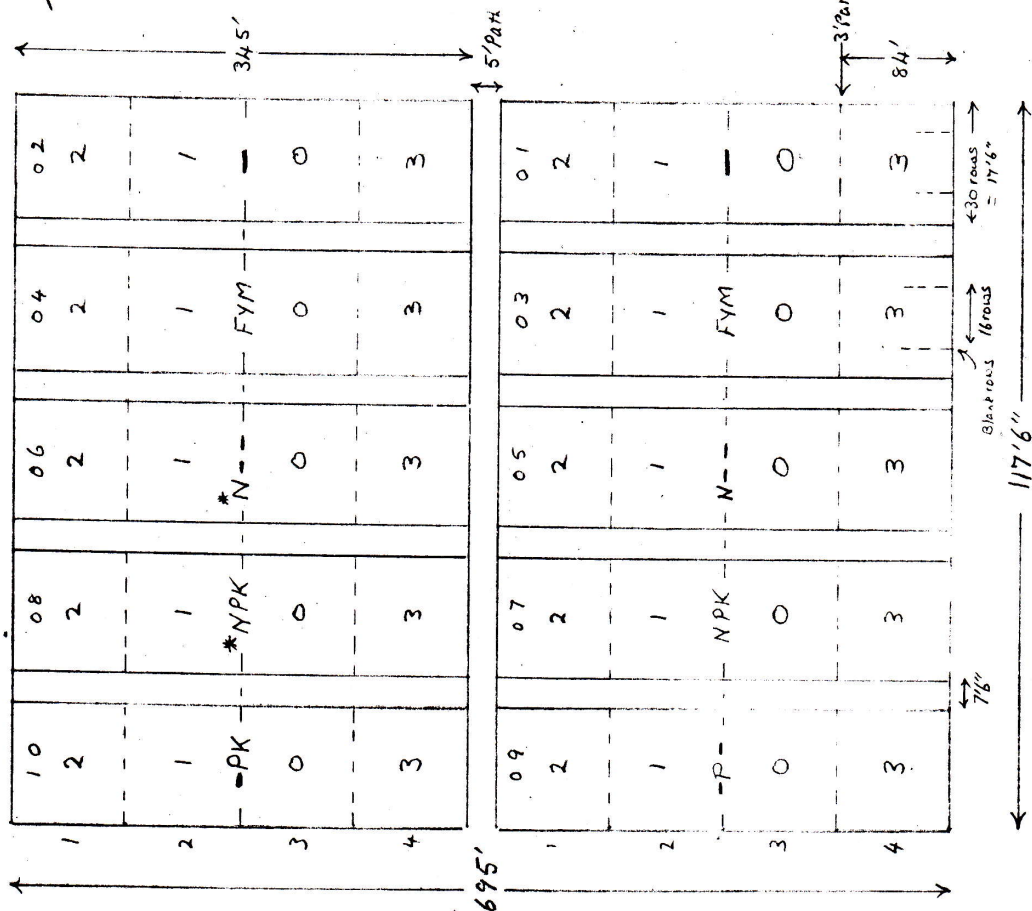
Exhaustion Land 1981

Rothamsted Research

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

4

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



Sponsors: T. Fenby, 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 Ekaminol
Sown at 140 lb/acre (157 kg/ha) on 18 February

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 AC (0.056 ha)

Sub-Plot 17'6" x 84' = 0.034 " (0.014 ")

Harvested 9'4" x 84' = 0.018 " (0.0073 ")

T	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