

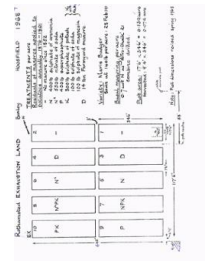
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Collection of Plans for the Exhaustion Land Experiment

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Exhaustion Land 1984

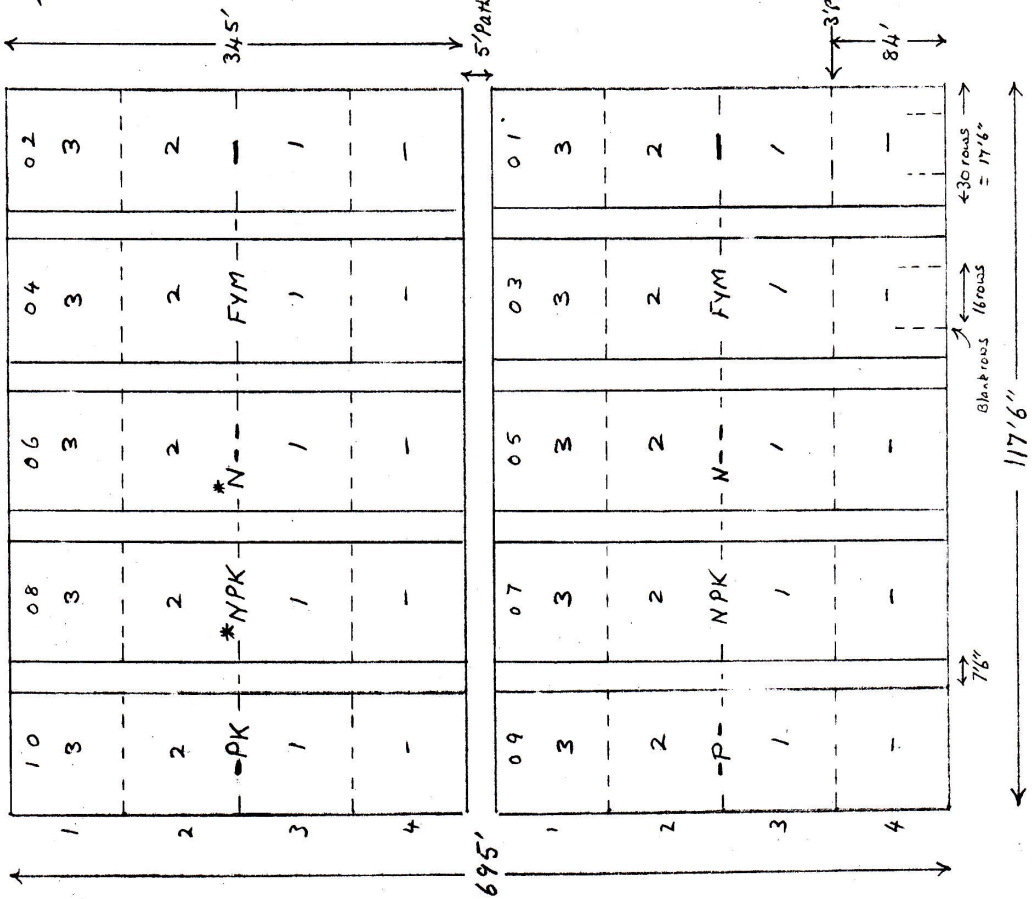
Rothamsted Research

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. Tenby, 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-chalk, 26% N
(- 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/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
		-	3	2	1	-	3	2
		1	-	3	2	1	-	3
		2	1	-	3	2	1	-
		3	2	1	-	3	2	1