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# Collection of Plans for the Exhaustion Land Experiment

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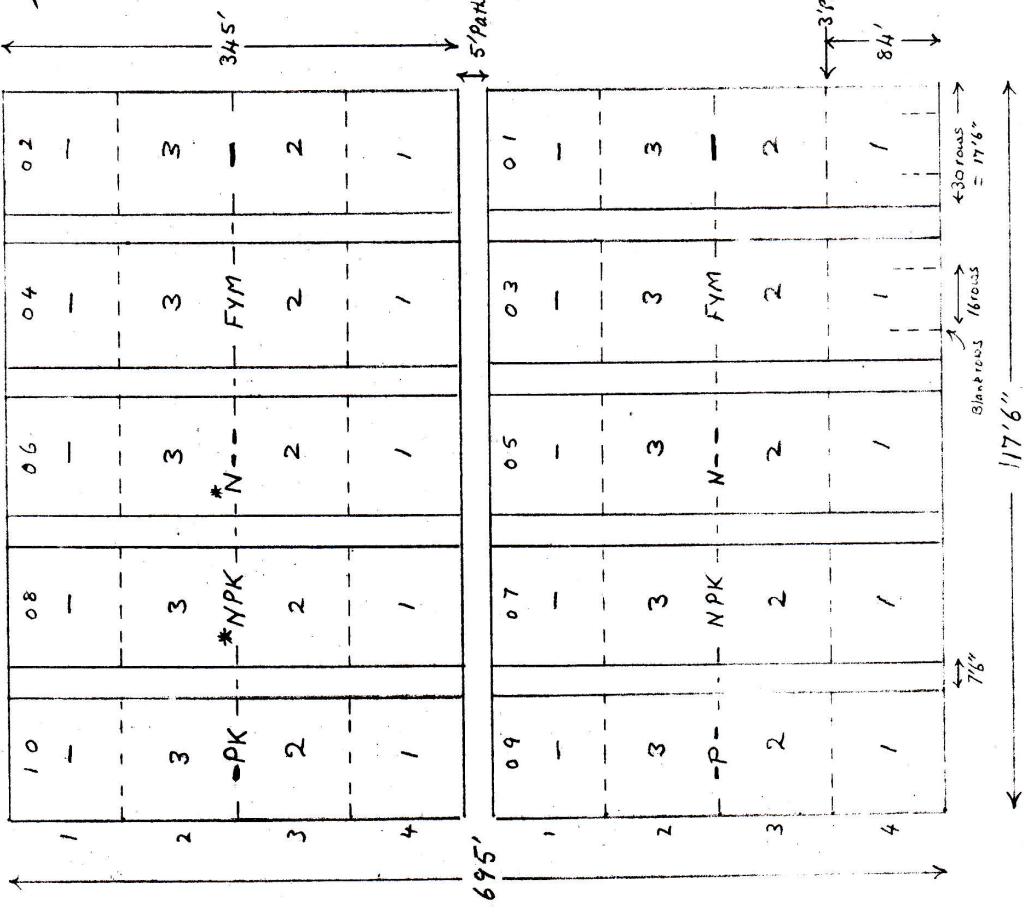
## Exhaustion Land 1983

### Rothamsted Research

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

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83/R/EX/4 ROTHAMSTED EXHAUSTION LAND 128th YEAR BARLEY HOOSFIELD 1983



Sponsors: J. F. Tempy, 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 "

Harvested 9'4" x 8'4" = 0.018 "

+	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