

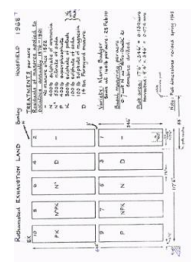
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# Collection of Plans for the Exhaustion Land Experiment

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## Exhaustion Land 1980

### Rothamsted Research

Rothamsted Research (1973-1986) *Exhaustion Land 1980* ; Collection Of Plans For The Exhaustion Land Experiment, pp 11 - 11

Rothamsted EXHAUSTION LAND 12.5 Year BARLEY HOOSFIELD 1980 4

Sponsors J.F. Jenyns, A.F. Johnston, J. MacEwen

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  
( - 43, 86, 129 lb N)

Basal manuring: None

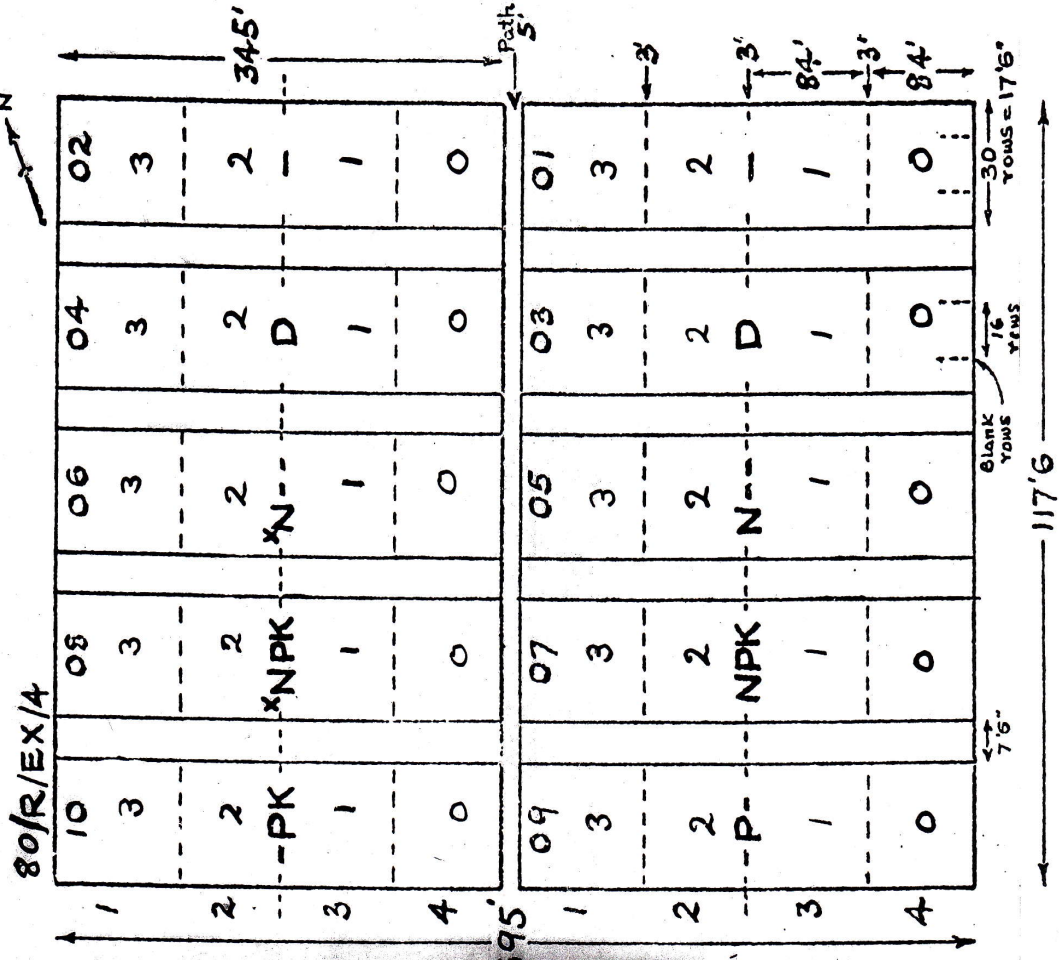
Variety: Georgie, seed/dressed with ethirimol <sup>not</sup> 9 April  
Sown at 140 lb/acre (157 kg/ha)

Residuals of Manures applied to POTATOES  
Annually 1876-1901

- N NPK D  
No manure since 1852  
400 lb (448 kg/ha) Sulphate of ammonia  
550 lb (617 kg) Nitrate of soda  
400 lb (448 kg) Superphosphate  
300 lb (336 kg) Sulphate of potash } K with  
100 lb (112 kg) Sulphate of soda } Na, Mg  
100 lb (112 kg) Sulphate of magnesia }  
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 acre (0.014 ha)  
Harvested: 9'4" x 8'4" = 0.018 acre (0.0073 ha)

\* N sequence 1976 77 78 79 80 81  
0 3 2 1 0 3  
1 0 3 3 0 3  
2 3 0 1 2 3



NOTE: Northern sidebands to receive N at 96 kg/ha in 1980