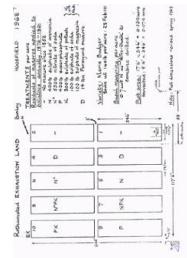


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# Collection of Plans for the Exhaustion Land Experiment

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## Exhaustion Land 1985

### Rothamsted Research

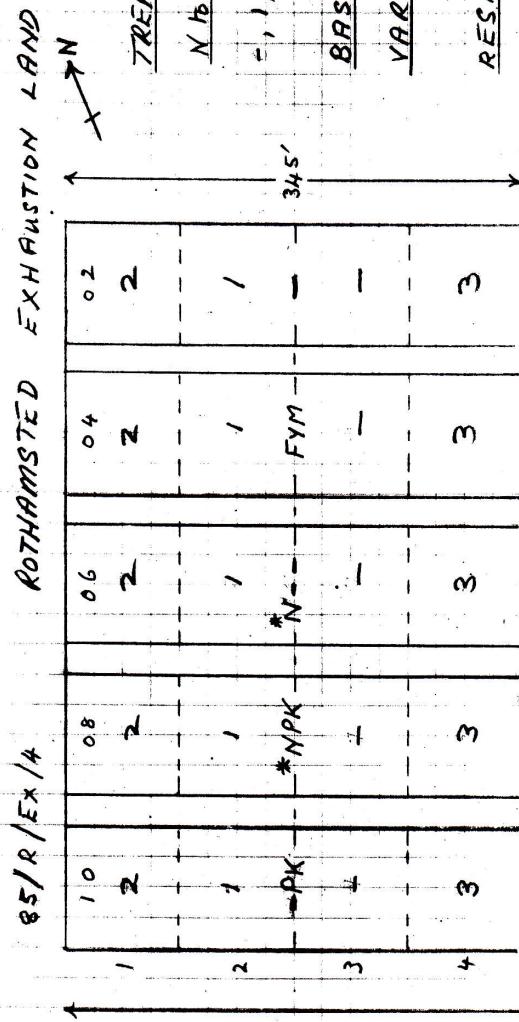
Rothamsted Research (1973-1986) *Exhaustion Land 1985* ; Collection Of Plans For The Exhaustion Land Experiment, pp 16 - 16

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### 130 R. YEAR BARLEY HOOSFIELD 1985

Sponsors: T. F. Tempryn, A. E. Johnston, J. McEwen



#### TREATMENTS Per hectare (acre)

#### N & Sub-plots (Started 1976)

=, 1, 2, 3 (N rates rotate every year<sup>+</sup>)  
None, 48, 96, 144 kg N as "Nitro-chalk" 27.5% N  
(=, 43, 86, 129 lb N)

#### BASAL MANURING:

None

VARIETY: Triumph, seed dressed with Baytan; sown at 157 kg/ha on 18 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 181 182 183 184 185 186 187  
- 3 2 1 - 3 2 1 - 3 2 1 - 3 2 1 -  
Sub-plot 3' part 1 - 3 2 1 - 3 2 1 - 3 2 1 -  
Harvested 2 1 - 3 2 1 - 3 2 1 - 3 2 1 -  
3 2 1 - 3 2 1 - 3 2 1 - 3 2 1 -  
Blanks 16 rows 17'6" 17'6" 17'6" 17'6" 17'6" 17'6" 17'6"

