

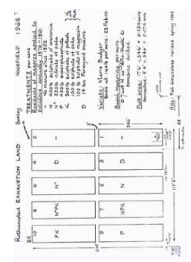
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Collection of Plans for the Exhaustion Land Experiment

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Exhaustion Land 1982

Rothamsted Research

Rothamsted Research (1973-1986) *Exhaustion Land 1982* ; Collection Of Plans For The Exhaustion Land Experiment, pp 13 - 13

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82/R/EX/14 ROTHAMSTED EXHAUSTION LAND 12TH YEAR BARLEY HOOSFIELD 1982

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: Georgie, seed dressed with Ethirimol
Sown at 140 lb/acre (157 kg/ha) on 30 March

RESIDUALS OF MANURES APPLIED TO POTATOES

ANNUALLY 1876-1901

- No Manure since 1852
N 400 lb/AC (448 kg/ha) Sulphate of ammonia
P 550 " " (617 " ") Nitrate of Soda
K 400 " " (448 " ") Superphosphate
FYM 14 tons (35 tonnes) Sulphate of Potash } 'K' with Na, Mg
Sulphate of Magnesia
Farmyard manure

PLOT AREA: 17'6" x 34'5" = 0.139 acre (0.056 ha)
Sub-plot 17'6" x 8'4" = 0.034 " (0.014 ")
Harvested 9'4" x 8'4" = 0.018 " (0.0073 ")

+ 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

