

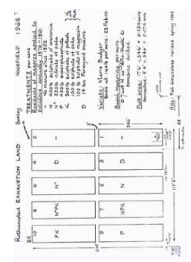
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Collection of Plans for the Exhaustion Land Experiment

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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: T. 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 16 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 } 'K' with
100 " " (112 " " Sulphate of Magnesia } Na, Mg
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 " (0.014 ")
Harvested 9'4" x 8'4" = 0.018 " (0.0073 ")

+ 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

