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ROTHAMSTED
RESEARCH

Collection of Plans for the Exhaustion Land Experiment

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Exhaustion Land 1972

Rothamsted Research

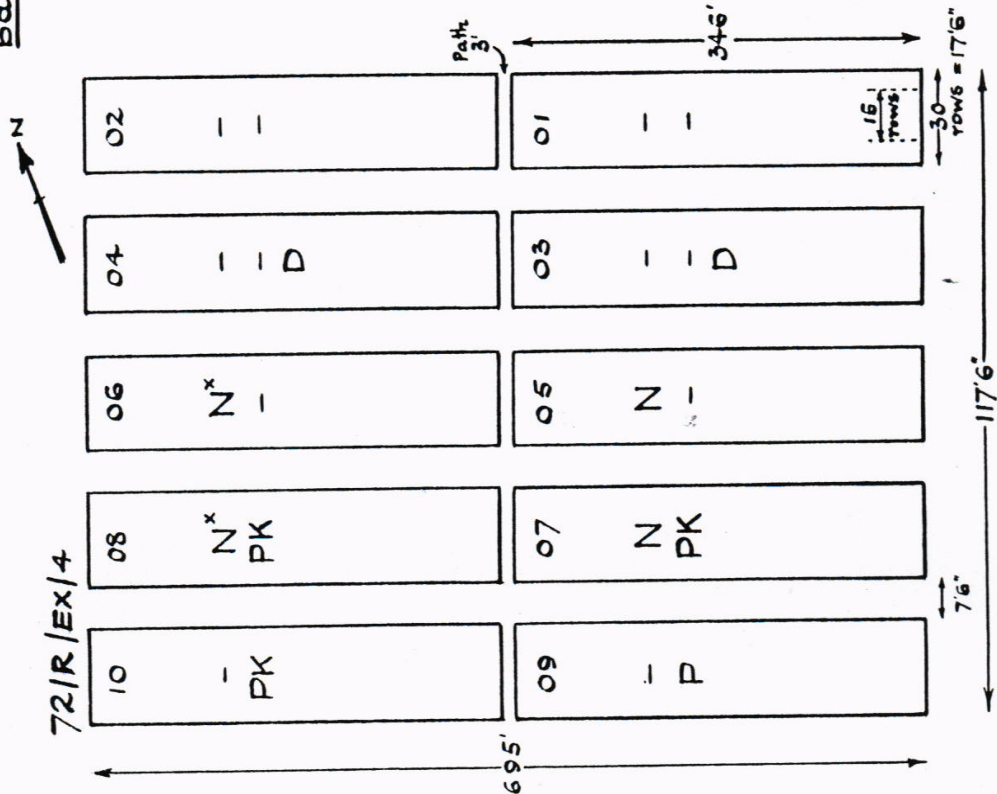
Rothamsted Research (1973-1986) *Exhaustion Land 1972* ; Collection Of Plans For The Exhaustion Land Experiment, pp 4 - 4

HOOSEFIELD 117th year 1972 4

Rothamsted EXHAUSTION LAND

Barley

72/R/EX/4



TREATMENTS per acre (hectare)
Residuals of Manures applied to POTATOES
 annually 1876 - 1901

- No manure since 1852
- N^x 400 lb (448 kg) sulphate of ammonia
- N^x 550 lb (617 kg) nitrate of soda
- P 400 lb (448 kg) superphosphate
- K 300 lb (336 kg) sulphate of potash
- 100 lb (112 kg) sulphate of soda } 'K' with Na, Mg
- 100 lb (112 kg) sulphate of magnesias }
- D 14 tons (35 tonnes) farmyard manure

Basal manuring, per acre (hectare)

0.7 cwt (87.5 kg) N as 'Nitro-chalk' 21 combine drille.

Variety: Julia (seed dressed with ethirimol)

Sown at 140 lb per acre (157 kg/ha) on 16th March

Plot area: 17'6" x 346' = 0.139 acre (0.056 ha)

Harvested: 9'4" x 346' = 0.074 acre (0.03 ha)

Note: 10 Sep. 1971: Sprayed with Weedazol (aminotriazole/amm. thiocyanate) Julia barley drilled on North sideland