

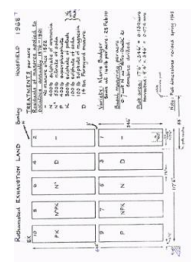
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Collection of Plans for the Exhaustion Land Experiment

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Exhaustion Land 1971

Rothamsted Research

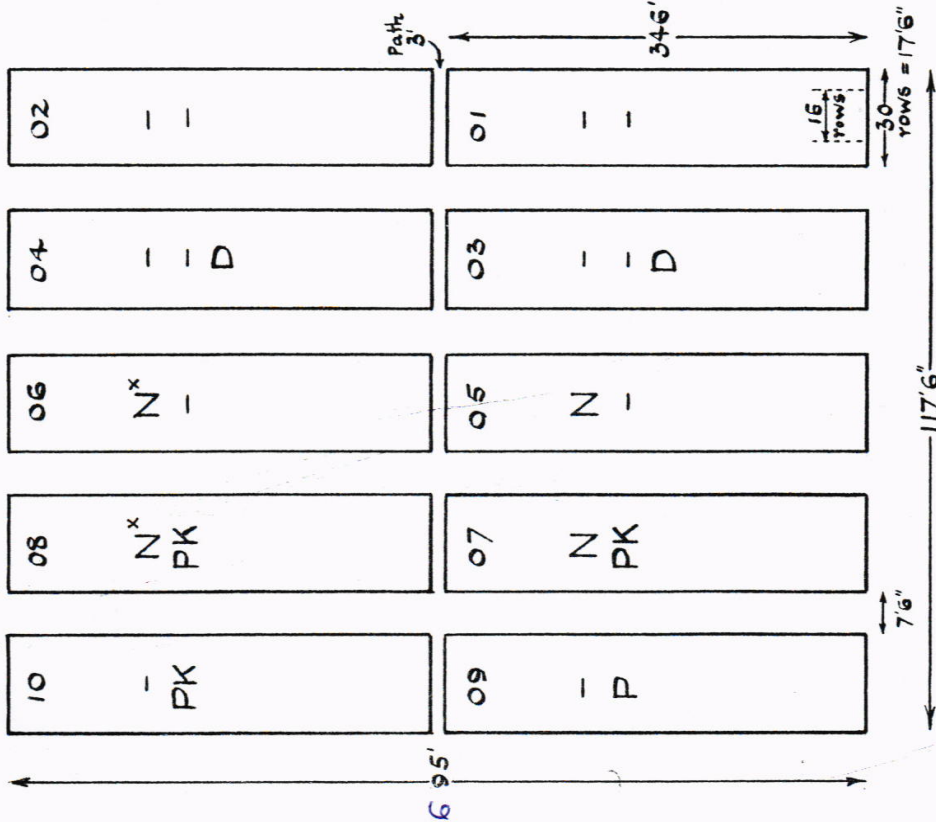
Rothamsted Research (1973-1986) *Exhaustion Land 1971* ; Collection Of Plans For The Exhaustion Land Experiment, pp 3 - 3

HOOSFIELD 116th year 1971 4

Barley

Rothamsted EXHAUSTION LAND

71/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
 - 100 lb (112 Kg) sulphate of magnesias
 - D 14 tons (35 tonnes) farmyard manure
- } 'K' with Na, Mg

Basal manuring, per acre (hectare)

0.7 cwt (87.5 Kg) N as 'Nitro-chalk' 2:1 combine drilled

Variety: Julia

Sown at 140 lb per acre (157 Kg/ha) on 25 Feb 1971

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

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

Note:

Julia barley drilled on North sideland