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ROTHAMSTED
RESEARCH

Collection of Plans for the Exhaustion Land Experiment

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Exhaustion Land 1973

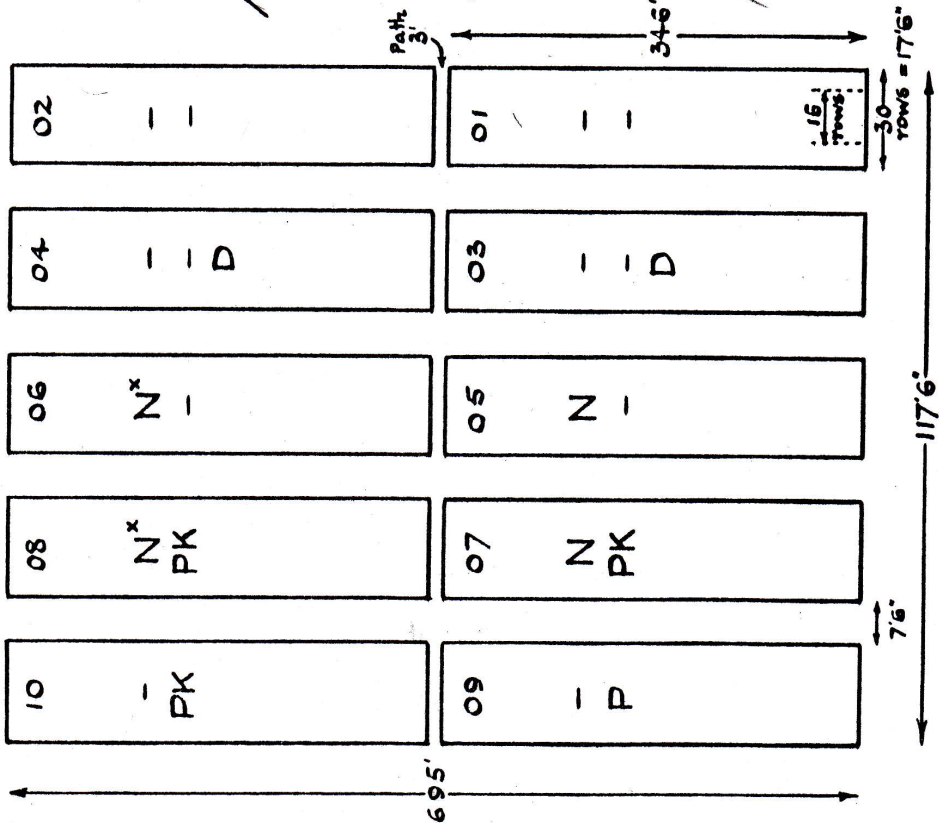
Rothamsted Research

Rothamsted Research (1973-1986) *Exhaustion Land 1973* ; Collection Of Plans For The Exhaustion Land Experiment, pp 5 - 5

Rothamsted EXHAUSTION LAND 118th year 1973 4

Barley

73/R/EX/4



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

- N^x No manure since 1852
 - N^x 400 lb (448 kg) sulphate of ammonia
 - P 550 lb (617 kg) nitrate of soda
 - K 400 lb (448 kg) superphosphate
 - 300 lb (336 kg) sulphate of potash
 - 100 lb (112 kg) sulphate of soda
 - 100 lb (112 kg) sulphate of magnesia
 - 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' 2.5 combine drilled

Variety: Julia (seed dressed with ethirimol)

Sown at 140 lb per acre (157 kg/ha) on 9 March

Plot area: 17'6" x 346" = 0.139 acre (0.056 ha)
 Harvested: 9'4" x 346" = 0.074 acre (0.03 ha)