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ROTHAMSTED
RESEARCH

Collection of Plans for the Exhaustion Land Experiment

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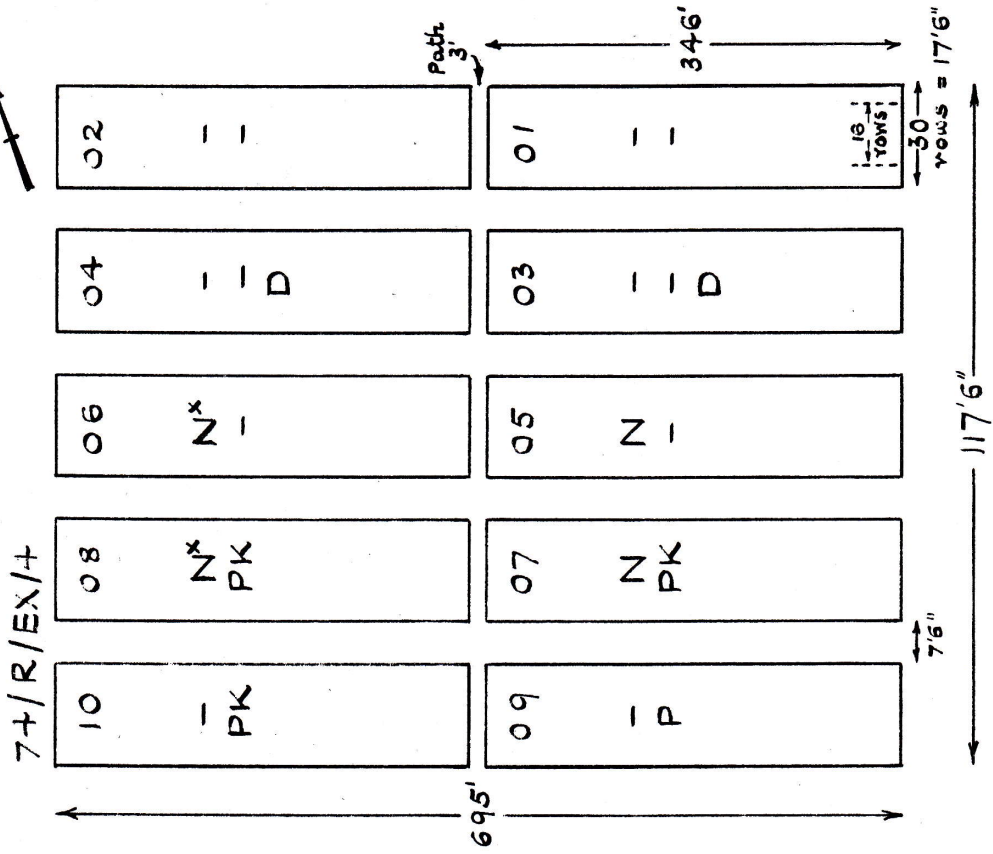
Exhaustion Land 1974

Rothamsted Research

Rothamsted Research (1973-1986) *Exhaustion Land 1974* ; Collection Of Plans For The Exhaustion Land Experiment, pp 6 - 6

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Rothamsted EXHAUSTION LAND 119th year BARLEY HOOSFIELD 1974



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 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 magnesium
 - 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' 25 combine drilled

Variety: Julia (seed dressed with ethirimol)
 Sown at 14.0 lb per acre (157 Kg/ha) or

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