

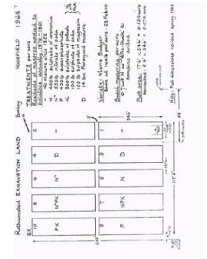
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Collection of Plans for the Exhaustion Land Experiment

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Exhaustion Land 1976

Rothamsted Research

Rothamsted Research (1973-1986) *Exhaustion Land 1976* ; Collection Of Plans For The Exhaustion Land Experiment, pp 7 - 7

Rothamsted EXHAUSTION LAND

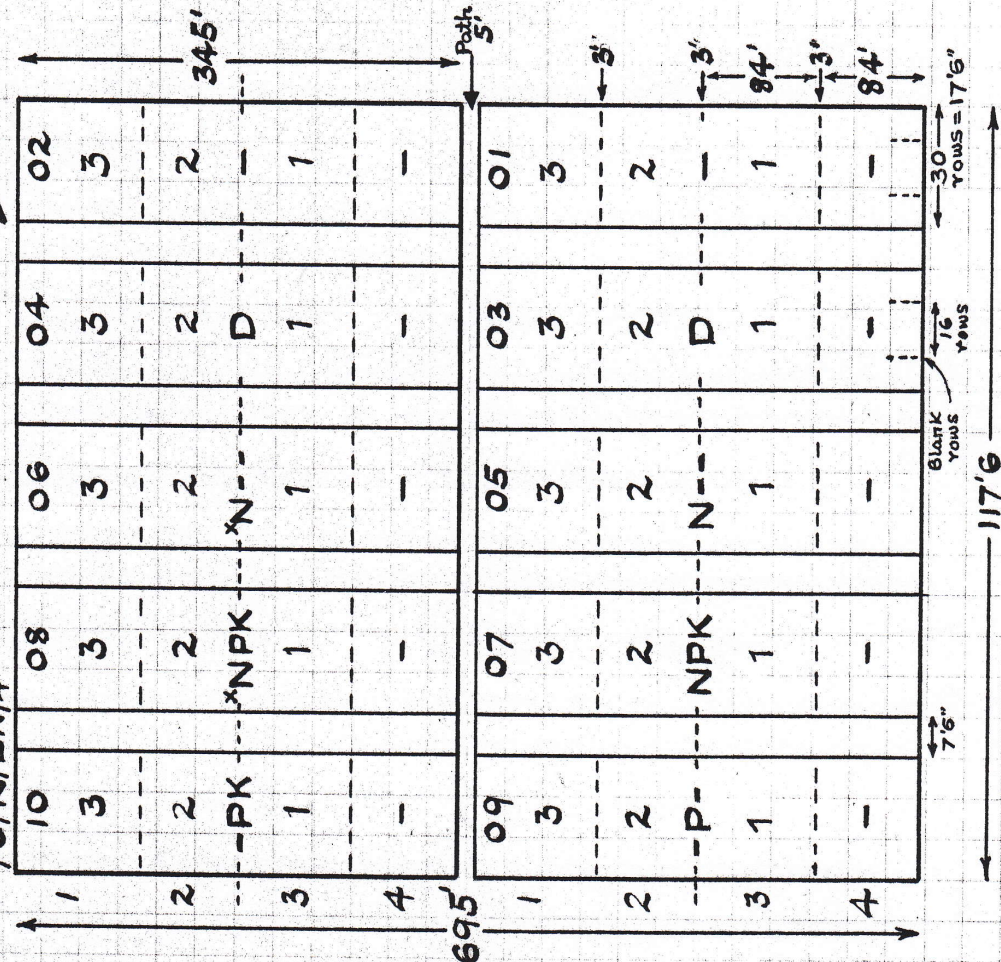
76/R/EX/4

21st Year

BARLEY

HOOSFIELD 1976

4



TREATMENTS per hectare (acre)

N to Sub-Plots - 1st Year, bare followed in 1975 (N rates to rotate every year)
 - 1, 2, 3 None, 48, 96, 144 kg N as Nitro-Chalk 25 (- 43, 86, 129 lb N)

Basal manuring: None

Variety: Julia, seed dressed with ethirimol sown at 140 lb/acre (157 kg/ha) on 3 Mar.

Residuals of Manures applied to POTATOES

Annually 1876 - 1901

No manure since 1852
 400 lb (448 kg/ha) sulphate of ammonia
 550 lb (617 kg) nitrate of soda
 400 lb (448 kg) superphosphate
 300 lb (336 kg) sulphate of potash } K with
 100 lb (112 kg) sulphate of soda. } Na, Mg
 100 lb (112 kg) sulphate of magnesium }
 14 tons (35 tonnes) farmyard manure

Plot area: 17'6" x 345' = 0.139 acre (0.056 ha)
 Sub-plot 17'6" x 84' = 0.034 acre (0.014 ha)
 Harvested: 9'4" x 84' = 0.018 acre (0.0073 ha)

N sequence 1976 77 78 79 80 81
 0 3 2 1 0 3
 3 2 3 0 2 3