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# Collection of Plans for the Rothamsted Long-term Liming Experiment

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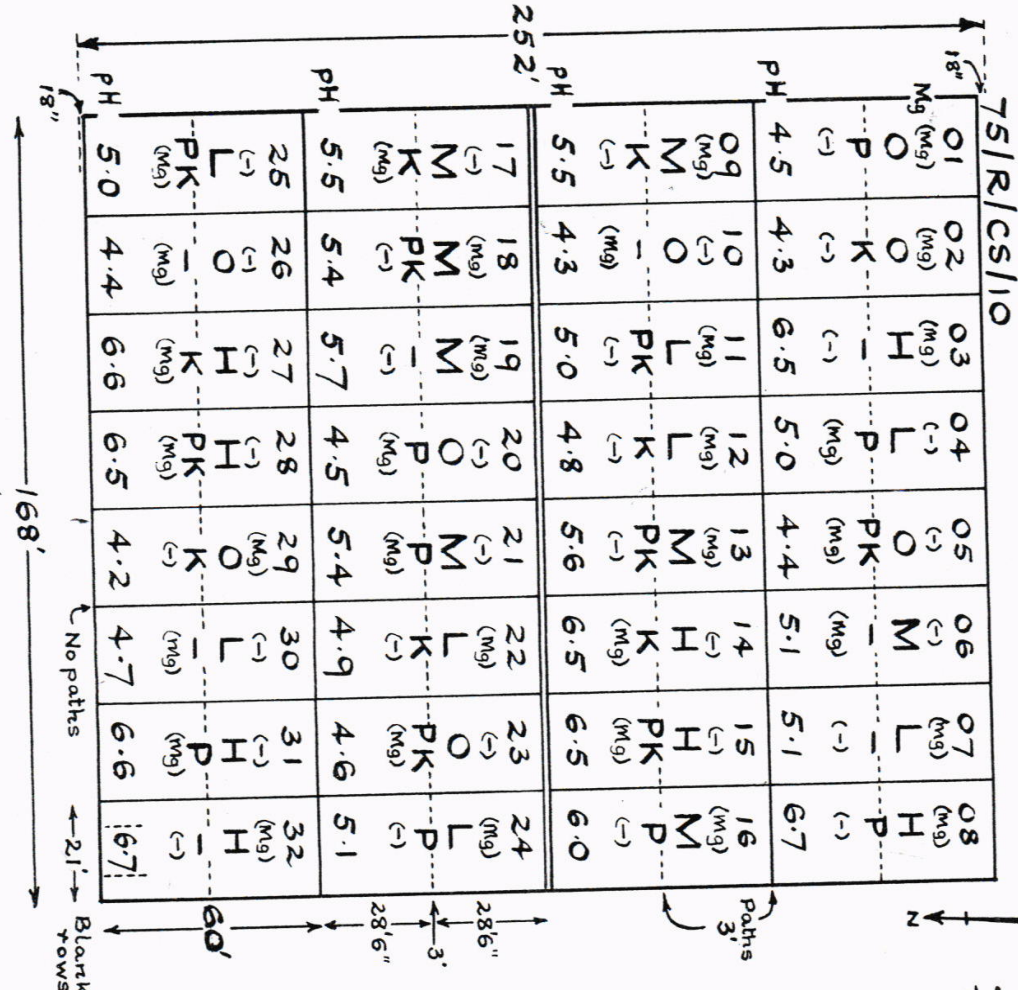
## Rothamsted Long-term Liming Experiment 1975

### Rothamsted Research

Rothamsted Research (1962-1996) *Rothamsted Long-term Liming Experiment 1975* ; Collection Of Plans For The Rothamsted Long-Term Liming Experiment, pp 11 - 11

Rothamsted LONG TERM LIMING

Spring Oats SAWYERS I 14th Year 1975  
 Sponsor: J. Bolton



TREATMENTS per acre (hectare)

Whole Plots

O, L, M, H None, 2, 4, 8 tons (-5, 10, 20 tonnes)  
 CaCO<sub>3</sub> as ground chalk (1962-63)

PH pH of soil sample taken Jan 1975

P 0.5cwt (63 kg) P<sub>2</sub>O<sub>5</sub> as superphosphate broadcast in seedbed

K 1.0cwt (125 kg) K<sub>2</sub>O as muriate of potash in seedbed

Half Plots, Mg residues.

- , Mg None, 100lb (112kg) Mg to potatoes 1974

Basal manuring, per acre (hectare)  
 280 lb (314kg) Nitro-chalk 25

Variety: Marrod at 180lb/a (202 kg/ha)

Design: 2 blocks of 16 plots split into 2

Plot area: 21' x 60' = 0.029 acre (0.0117ha)

Sub-plot harvested:

9'4" x 28'6" = 0.0061 acre (0.00246 ha)

Previous Cropping

1962-64 Spr. beans, 1965-67 barley, 1968 potatoes

1969 fallow, 1970-73 barley 1974 potatoes