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

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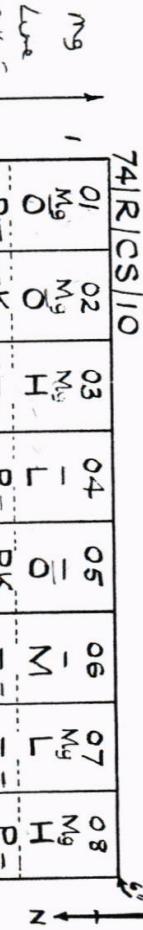
## Rothamsted Long-term Liming Experiment 1974

### Rothamsted Research

Rothamsted Research (1962-1996) *Rothamsted Long-term Liming Experiment 1974* ; Collection Of Plans For The Rothamsted Long-Term Liming Experiment, pp 10 - 10

Rothamsted LONG TERM LIMING Potatoes SAWYERS 13<sup>th</sup> year 1974

Sponsor : J. Bolton



TREATMENTS per acre(hectare)  
Whole Plots

None, 2, 4, 8 tons (-, 5, 10, 20 tonnes)  
CaCO<sub>3</sub> as ground chalk (1962-63)  
pH of soil samples taken Oct 1973  
1.0 cwt (126 kg) P<sub>2</sub>O<sub>5</sub> as superphosphate  
1.5 cwt (188 kg) K<sub>2</sub>O as muriate of potash } Applied  
as sulphate of magnesia (10% Mg) broadcast  
in seedbed

Half Plots  
-, Mg None, 100 lb (112 kg) Mg as sulphate of magnesia (10% Mg)

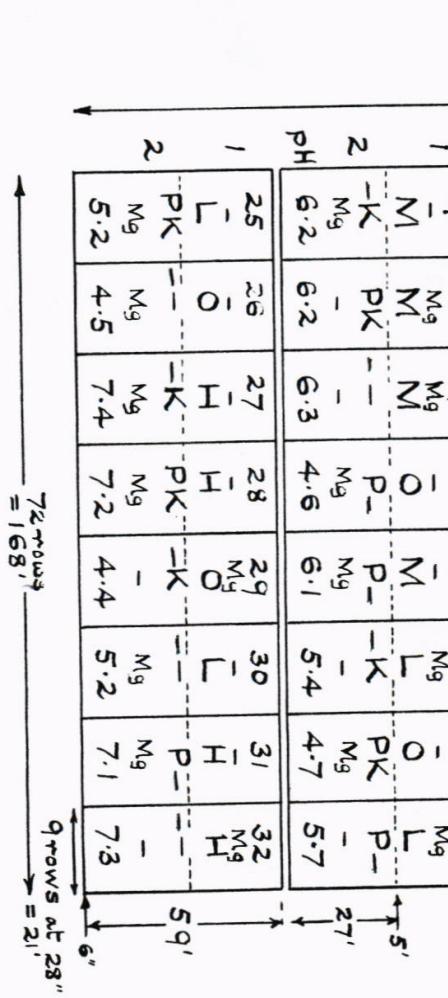
Basal manuring - per acre (hectare)  
670 lb (750 kg) 'Nitro-chalk' 25 broadcast  
before planting

Variety: Pentland Crown

Design: 2 blocks of 16 plots split into 2

Plot area: 21' x 59' = 0.0284 acre (0.0115 ha)  
harvested: 4 rows x 27'  
= 9'4" x 27' = 0.0058 acre (0.0023 ha)

Previous cropping:  
1962-64 Spr. beans, 1965-67 barley,  
1968 potatoes, 1969 fallow, 1970-73 barley



9 rows = 21' 28"

72 rows = 168'