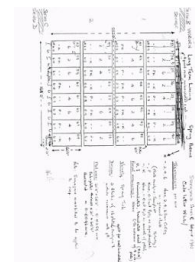


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Collection of Plans for the Woburn Long-term Liming Experiment

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Woburn Long-term Liming Experiment 1974

Rothamsted Research

Rothamsted Research (1962 - 1997) *Woburn Long-term Liming Experiment 1974* ; Collection Of Plans For The Woburn Long-Term Liming Experiment, pp 11 - 11

WOBBURN

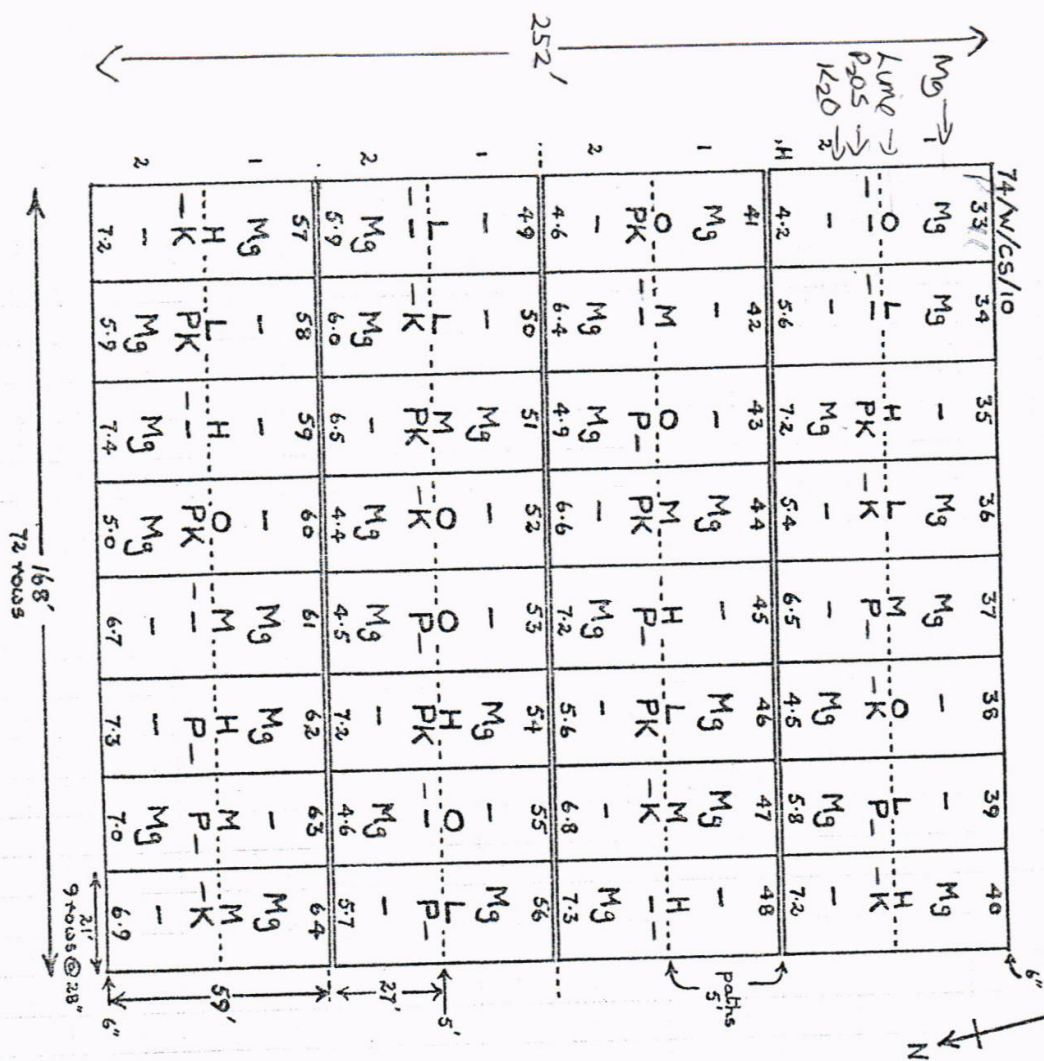
LONG-TERM LIMING

Potatoes

13th year

STACKYARD Series C 1974
Sponsor: J. Bolton

212



TREATMENTS per acre (hectare)

Whole Plots

O, L, M, H None, 2, 4 3/4, 7 1/2 tons (None, 5, 12, 19 tonnes) CaCO₃

applied as ground chalk (1962-63)

pH of soil samples taken Oct 1973

P 1.0 cut (126 kg) P₂O₅ as superphosphate } Applied broadcast or seedbed

K 1.5 cut (168 kg) K₂O as muriatic of potash } Applied broadcast or seedbed

Half Plots

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

BASAL MANURING per acre (hectare)

900lb (1009kg) Nitro-chalk 25 broadcast before planting

VARIETY : Penland Crown Planted : 17 Apr

DESIGN : 2 blocks of 16 plots, split into 2.

PLOT AREA : 21' x 59' = 0.0284 acre (0.0115 ha)

Harvested : 4 rows

9'4" x 27' = 0.0058 acre (0.0023 ha)

Previous Cropping:

1962-64 Spring beans, 1965-67 barley, 1968 potatoes, 1969 fallow, 1970-73 barley.