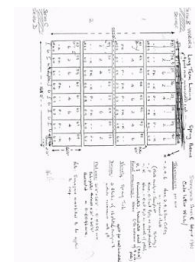


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RESEARCH

Collection of Plans for the Woburn Long-term Liming Experiment

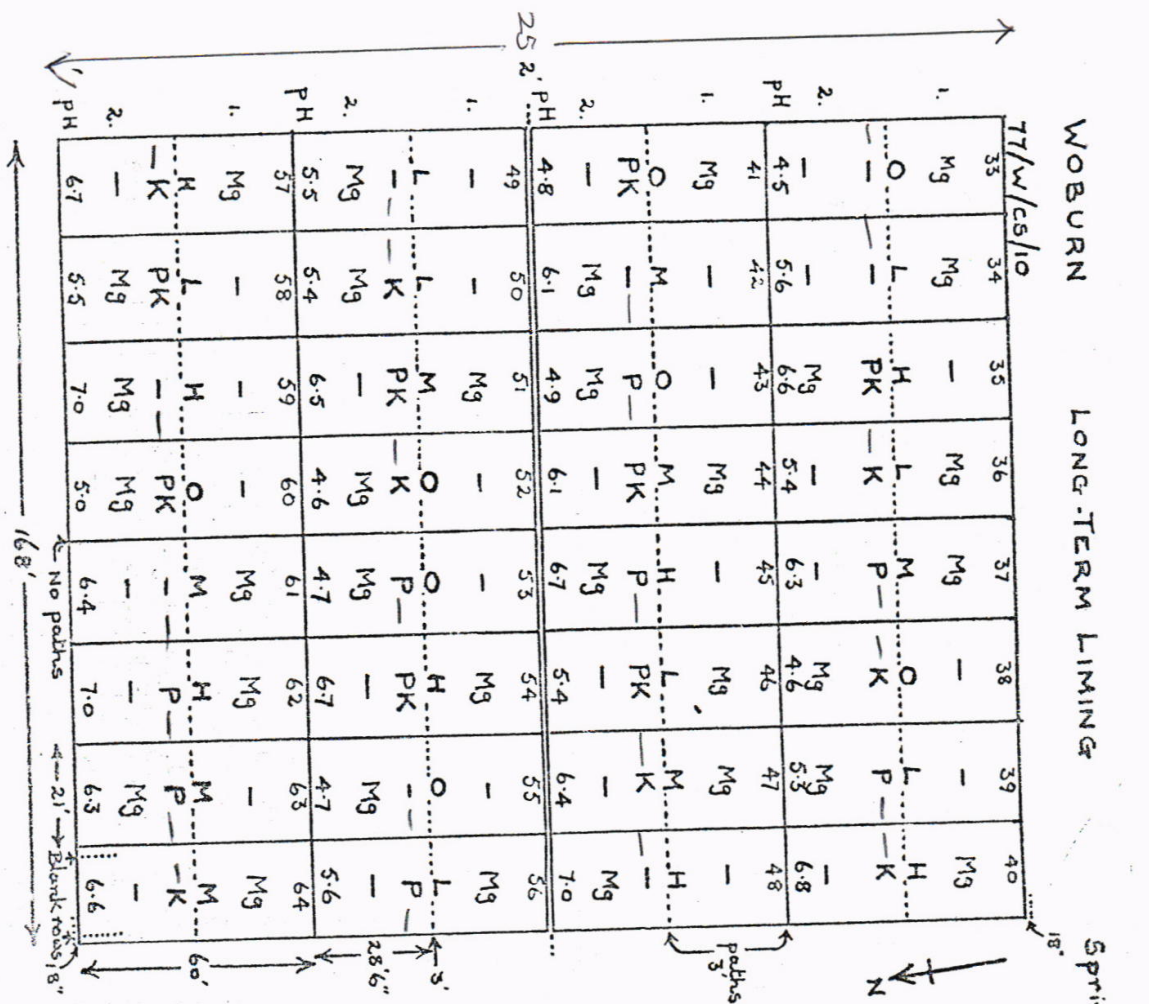


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Woburn Long-term Liming Experiment 1977

Rothamsted Research

Rothamsted Research (1962 - 1997) *Woburn Long-term Liming Experiment 1977* ; Collection Of Plans For The Woburn Long-Term Liming Experiment, pp 14 - 14



TREATMENTS per acre (hectare)

Whole Plots

O, L, M, H None, 2, 4³/₄, 7¹/₂ tons (None, 5, 12, 19 tonnes) CaCO₃
 applied as ground chalk (1962-65)

PH of soil samples taken Feb 1975
 0.5 cut (63kg) F₂O₅ as superphosphate } Broadcast
 1.0 cut (126kg) K₂O as muriate of potash } in seedbed

Half Plots

None, 100lb (112kg) Mg as sulphate of magnesias (10²/₆)
 -, Mg

Note: P, K and Mg treatments cumulative (Mg in 1974, 76 & 1977 only)

BASAL MANURING per acre (hectare)

340lb (380kg) Nitro-chalk 25

VARIETY

Manod Sown at: 180lb (202kg) Date: 31 Mar.

DESIGN

2 blocks of 16 plots, split into 2

PLOT AREA

21' x 60' = 0.029 acre (0.0117 ha)

Sub-plot harvested:

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

Previous cropping

1962-64 Spring beans, 1965-67 barley, 1968 potatoes,
 1969 fallow, 1970-73 barley, 1974 potatoes, 1975 Spring oats,
 1976 Spring oilseed rape.