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Collection of Plans for the Woburn Long-term Liming Experiment



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Woburn Long-term Liming Experiment 1975

Rothamsted Research

Rothamsted Research (1962 - 1997) *Woburn Long-term Liming Experiment 1975* ; Collection Of Plans For The Woburn Long-Term Liming Experiment, pp 12 - 12

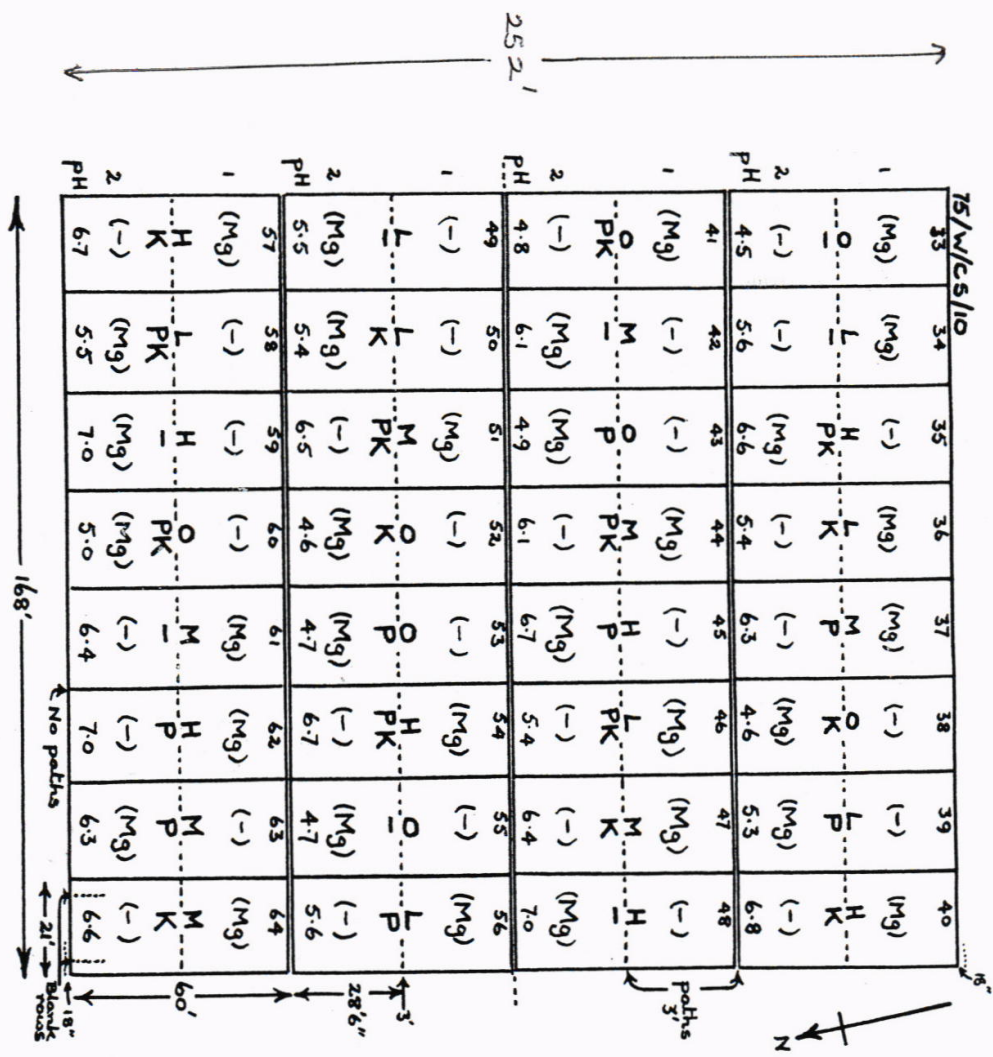
WOBURN

LONG-TERM LIMING

Spring Oats

14th year STACKYARD series C 1975

Sponsor: T. Bolton



TREATMENTS per acre (hectare)

Whole Plots

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

applied as ground chalk (1962-63)

pH of soil samples taken Feb 1975

P 0.5 cut (63kg) P2O5 as Superphosphate } Broadcast

K 1.0 cut (126kg) K2O as muriate of potash } in seedbed

Half Plots - Mg Residues

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

BASAL MANURING per acre (hectare)

71lb (80kg) N as Nitro-chalk 25.

VARIETY: Manod sown at: 180lb (202kg) Date: 20 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.