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Collection of Plans for the Woburn Long-term Liming Experiment



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Woburn Long-term Liming Experiment 1978

Rothamsted Research

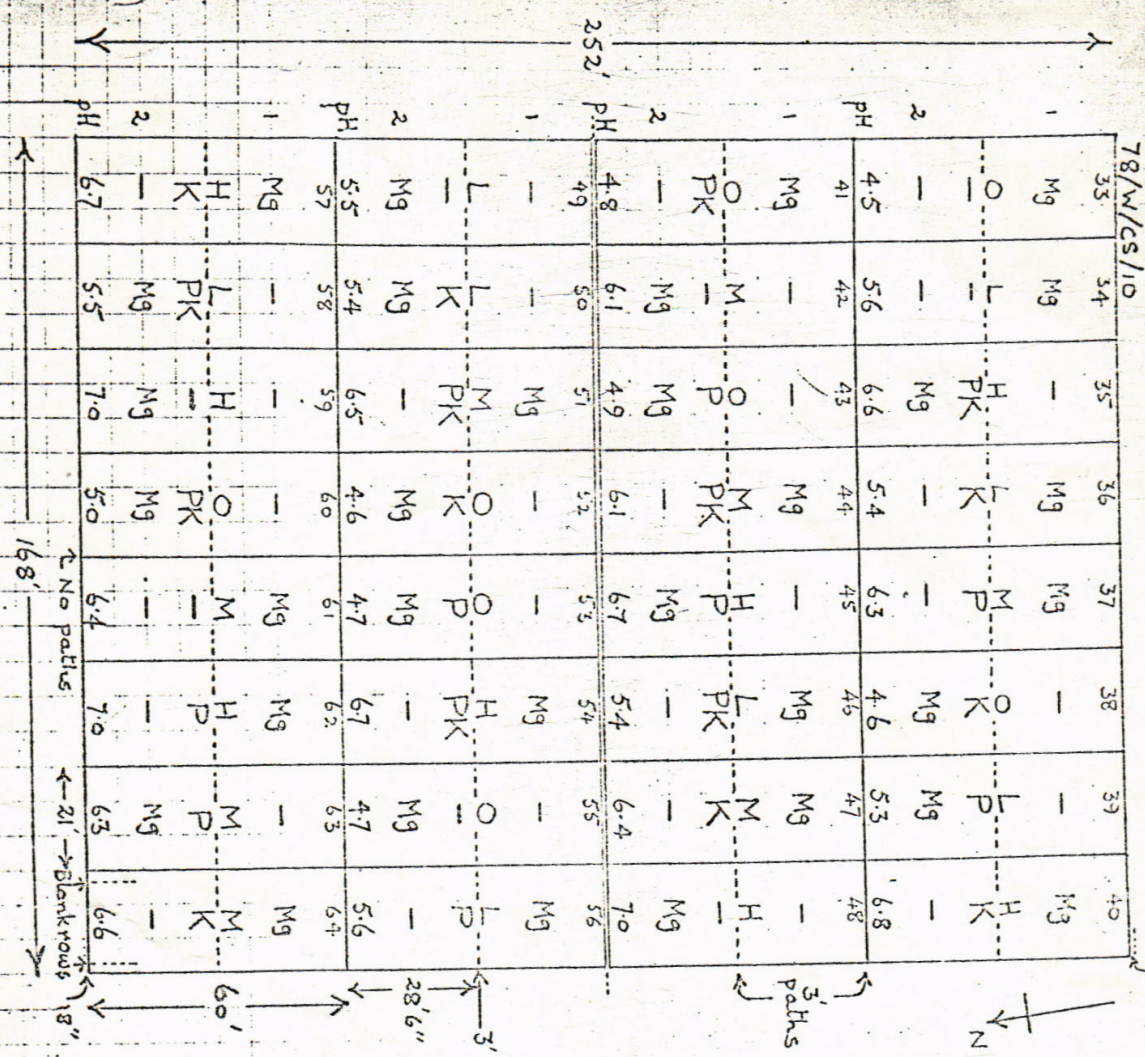
Rothamsted Research (1962 - 1997) *Woburn Long-term Liming Experiment 1978* ; Collection Of Plans For The Woburn Long-Term Liming Experiment, pp 15 - 15

WOBBURN

LONG-TERM LIMING

Barley

17th year STACKYARD series C 1978 212
Sponsor: J. Bolton



TREATMENTS per acre (ha) (t/ha)
Whole Plots
O, L, M, H None, 2, 4 3/4, 7 1/2 tons (Nume, 5, 12, 19 tonnes) CaCO₃

applied as ground chalk (1962-65)
pH of soil samples taken Feb 1975
P 0.5 cut (65 kg) P₂O₅ as superphosphate } Broadcast
K 1.0 cut (126 kg) K₂O as muriate of potash in seedbed

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

Notes: PK and Mg treatments cumulative (Mg in 1974, 1976, 1977 & 1978)

BASAL MANURES per acre (ha) (t/ha)
1.0 cut (126 kg) N as Nitro-chalk 25

VARIETY:
Porthos (dressed with aluminium)
Seed rate: 145 lb (162 kg) Sown: 15 Mar
Resown: 3 Apr

DESIGN: 2 blocks of 16 plots

PLOT AREA: 21 x 60' = 0.0289 acre (0.0117 ha)
harvested: 9'4" x 28'6" = 0.0561 acre (0.0246 ha)