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Collection of Plans for the Woburn Long-term Liming Experiment



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Woburn Long-term Liming Experiment 1964

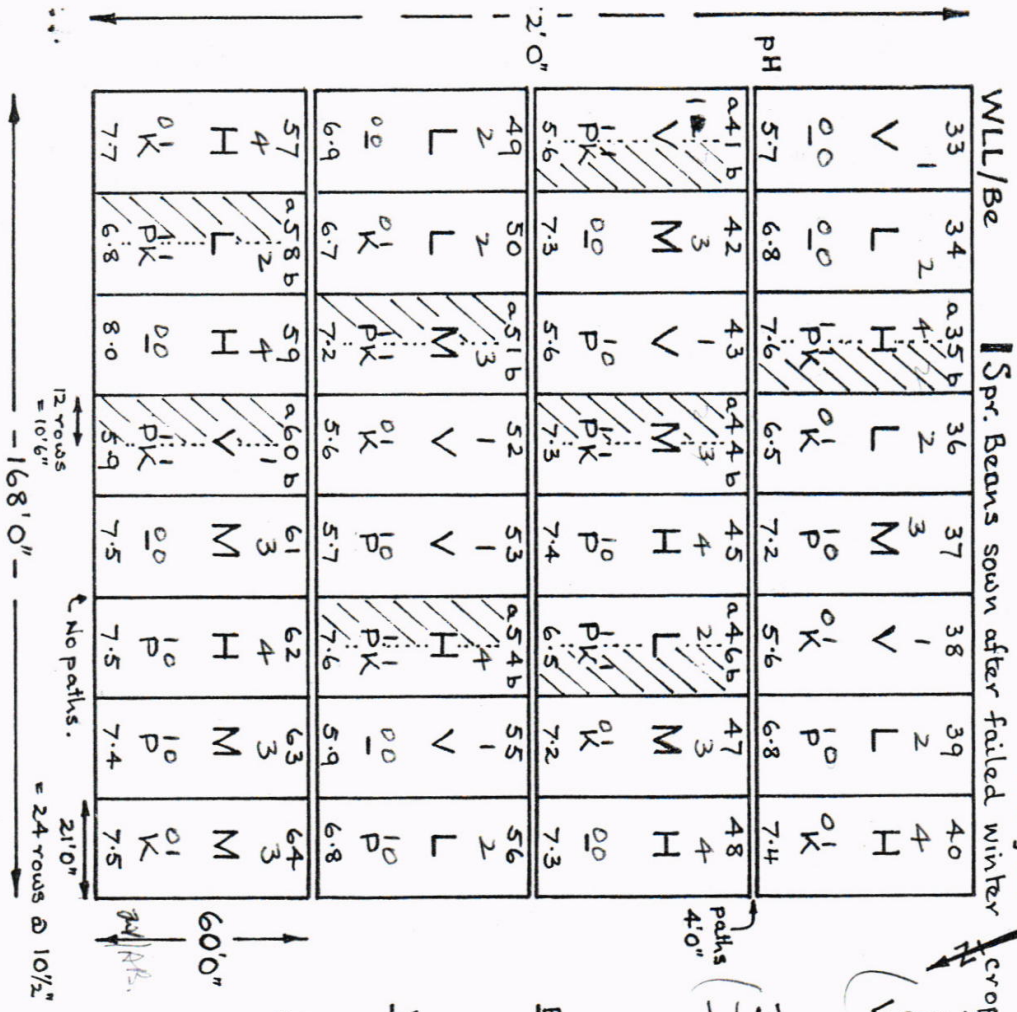
Rothamsted Research

Rothamsted Research (1962 - 1997) *Woburn Long-term Liming Experiment 1964* ; Collection Of Plans For The Woburn Long-Term Liming Experiment, pp 3 - 3

WOBURN Long Term Liming

BEANS 3rd year

STACKYARD Series C 1964
Sponsor: J.R. Moffatt, J. Rolton.



TREATMENTS. per acre

(V, L, M, H)

None, 2, 4³/₄, 7¹/₂ tons CaCO₃ applied as ground chalk (1962-63)
PH of soil samples taken 25.9.63.

To winter sown beans only.

0.5 cwt P₂O₅ as superphosphate } Broadcast
1.0 cwt K₂O as muriate of potash } east.
PK placement drilled on shaded sub-plots, as compound fertiliser (0:14:28) to winter sown beans

Basal manuring, per acre

0.25 cwt N as 'Nitro-chalk' 21 broadcast to winter beans.

* No seedbed cultivations done for spring sowing.

Variety: Spring Tick* Seed rate: 200lb/acre

Sown: March 13 (Winter beans sown Nov 8, 1963)

Simazine applied twice: Nov 9, 1963 and April 6 1964.

Design: 2 blocks of 16 plots.

(Analysis to include covariance with pH)

Plot area: 21'0" x 60'0" = 0.0289 acre

sub-plot 10'6" x 60'0" = 0.0145 acre

Note: Treatment and basal manures applied in autumn were not repeated for spring crop.