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# Collection of Plans for the Woburn Long-term Liming Experiment



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## Woburn Long-term Liming Experiment 1964

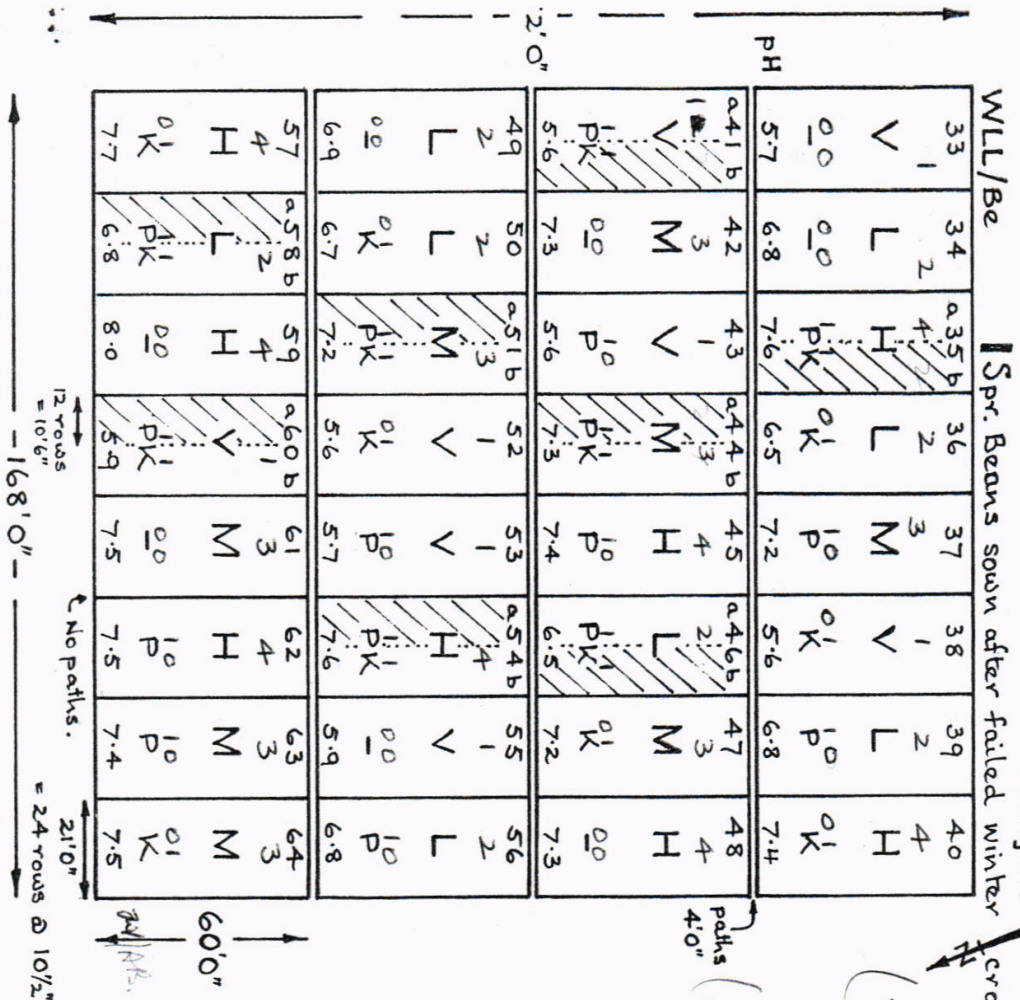
### Rothamsted Research

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  
234 (V,L,M,H)

None, 2, 4<sup>3</sup>/<sub>4</sub>, 7<sup>1</sup>/<sub>2</sub> tons CaCO<sub>3</sub> applied as ground chalk (1962-63)  
pH of soil samples taken 25.9.63.

To winter sown beans only.

Legend: P (0.5 cwt P<sub>2</sub>O<sub>5</sub> as superphosphate) } Broadcast  
K (1.0 cwt K<sub>2</sub>O 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.