

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

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

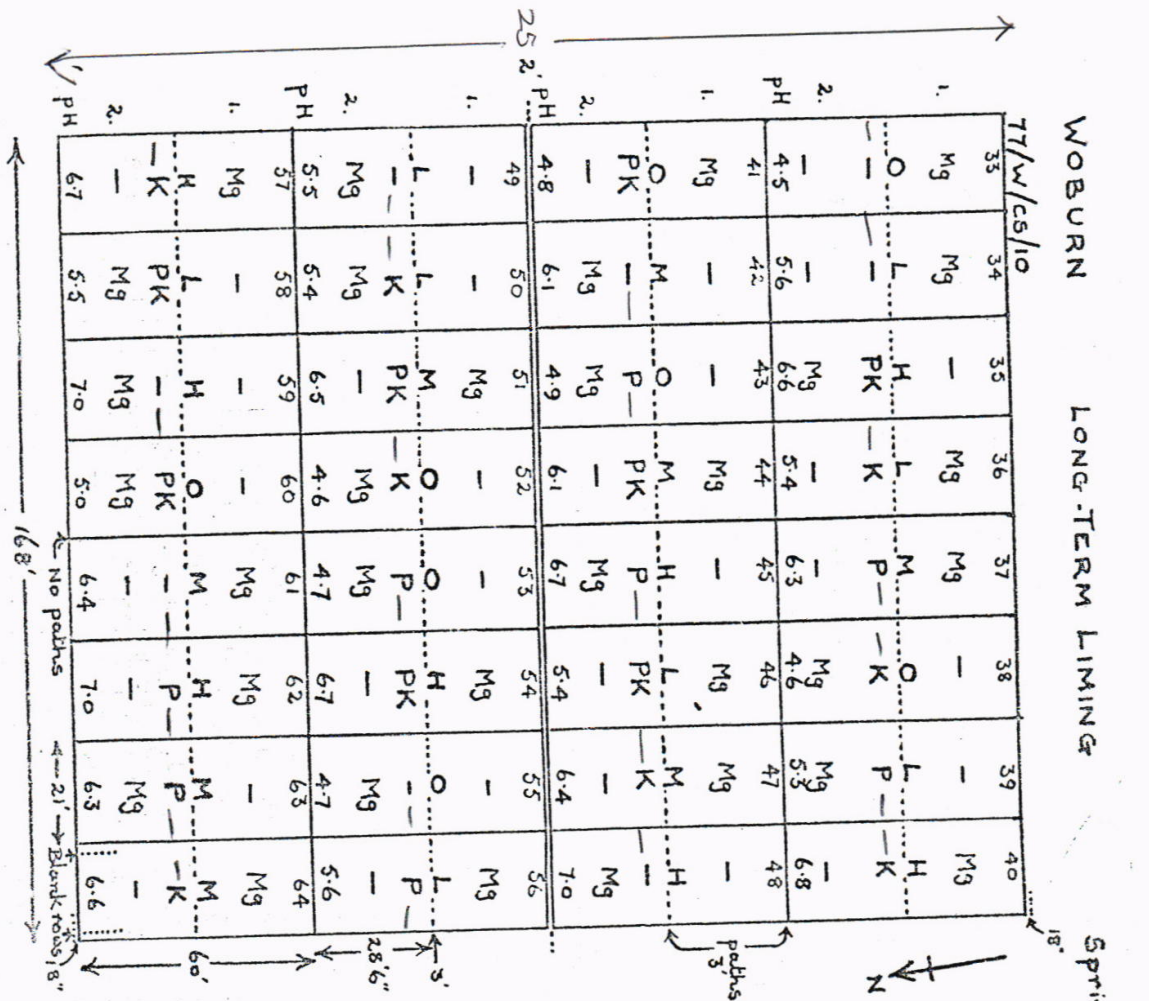


[Full Table of Content](#)

## 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, 4<sup>3</sup>/<sub>4</sub>, 7<sup>1</sup>/<sub>2</sub> tons (None, 5, 12, 19 tonnes) CaCO<sub>3</sub>  
 applied as ground chalk (1962-65)

pH of soil samples taken Feb 1975  
 0.5 cut (63kg) F<sub>2</sub>O<sub>5</sub> as superphosphate } Broadcast  
 1.0 cut (126kg) K<sub>2</sub>O as muriate of potash } in seedbed

**Half Plots**

None, 100lb (112kg) Mg as sulphate of magnesite (10<sup>2</sup>/<sub>6</sub> 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.