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ROTHAMSTED  
RESEARCH

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

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## Rothamsted Long-term Liming Experiment 1962

### Rothamsted Research

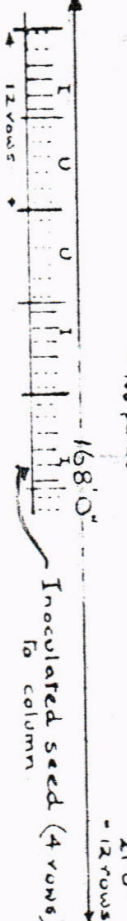
Rothamsted Research (1962-1996) *Rothamsted Long-term Liming Experiment 1962* ; Collection Of Plans For The Rothamsted Long-Term Liming Experiment, pp 1 - 1

# Rothamsted Long Term Liming

Spring Beans  
Sawyers I 1962  
1st year.

CWC

LIME	a1	b1	a2	b2	a3	b3	a4	b4	a5	b5	a6	b6	a7	b7	a8	b8
P	-	-	-	-	63	21	-	-	PK	42	21	-	PK	63	P	63
PH	5.0	5.2	5.1	4.9	5.1	4.9	5.0	5.0	4.8	4.8	5.3	5.3	5.3	5.5	5.4	5.4
	42	-	2	21	PK	42	PK	42	63	63	PK	PK	63	42	42	42
	5.1	5.0	5.1	5.0	5.1	5.0	5.0	5.0	4.9	5.1	5.1	5.1	5.1	5.4	5.4	5.4
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
	42	42	42	P	42	21	-	21	PK	PK	PK	PK	PK	PK	PK	PK
	5.2	5.2	5.3	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK
	1:0	1:0	1:0	1:0	1:0	1:0	1:0	1:0	1:0	1:0	1:0	1:0	1:0	1:0	1:0	1:0
	5.2	5.2	5.3	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2



### TREATMENTS per acre

0 1 2 3  
- 2, 4, 6 None, 2, 4, 6 tons CaCO<sub>3</sub> as ground chalk.

- P None, 0.5 cwt P<sub>2</sub>O<sub>5</sub> as superphosphate.

- K None, 1.0 cwt K<sub>2</sub>O as muriate of potash.

U, I Uninoculated, Inoculated seed

Basal manuring: None

Variety: Spring Tick Sown: Mar 16

Design: 2 blocks of 16 plots each. (Analysis to include co-variance with PH)

Plot area:  $\frac{1}{2}(21'0'' \times 60'0'') = 0.0289 \text{ acre}$   
0.01446

Harvested: 4 rows at 21" x 60'0"  
= 0.0096 acre

ii Simazine weedkiller to be applied.

2 blocks L. 2 v 2 split 2. 2 A 63