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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

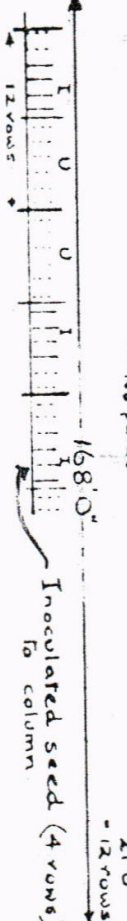
Rothamsted Research (1962-1996) *Rothamsted Long-term Liming Experiment 1962* ; Collection Of Plans For The Rothamsted Long-Term Liming Experiment, pp 1 - 1

Rothamsted Long Term Liming

Spring Beans
Sawyers I 1962
1st year.

CWC

LIME	a1	b	a2	b	a3	b	a4	b	a5	b	a6	b	a7	b	a8	b
P	-	-	K	-	63	-	P	21	-	P/K	-	42	21	-	63	-
PH	5.0	5.2	5.1	4.9	5.1	5.0	4.8	5.3	5.0	4.9	5.1	5.4	5.1	5.1	5.4	5.5
	42	-	-	21	2	21	42	63	63	63	63	42	63	63	42	42
	-K	-	-	-	P/K	-	K	K	P/K	P/K	K	K	P/K	P/K	P	P
	5.1	5.0	5.0	5.0	5.1	5.0	5.0	4.9	5.1	5.1	4.9	5.4	5.1	5.1	5.4	5.5
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
	42	42	42	-	42	21	-	21	42	21	42	21	42	21	42	21
	K	P/K	-	P	P	K	P/K	P	K	K	K	P/K	P	P	P	P
	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
	25	26	27	28	29	30	31	32	25	26	27	28	29	30	31	32
	P/K	-	63	63	-	21	63	63	P/K	-	63	63	-	21	63	63
	1:U	U:I	U:I	U:I	I:U	U:I	I:U	U:I	U:I	U:I	U:I	U:I	I:U	U:I	I:U	U:I
	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 CaCO₃ as ground chalk.

- P None, 0.5 cwt P₂O₅ as superphosphate.

- K None, 1.0 cwt K₂O 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 4.2 v 2 spl 2. 2 A 63