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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

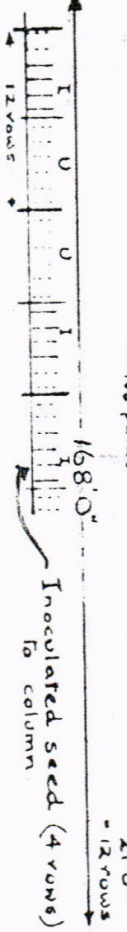
Rothamsted Research (1962-1996) *Rothamsted Long-term Liming Experiment 1962* ; Collection Of Plans For The Rothamsted Long-Term Liming Experiment, pp 1 - 1

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	-	-	63	21	42	21	63	21	63	63
PH	5.0	5.2	5.1	4.9	5.1	4.9	4.8	4.8	5.3	5.3	4.8	5.3	5.3	5.1	5.4	5.4
	42	-	-	-	21	42	42	42	42	42	42	42	42	42	42	42
	-K	-	-	-	P/K	K	P/K	P/K	P/K	P/K	P/K	P/K	P/K	P/K	P	P
	5.1	5.0	5.0	5.0	5.1	5.0	5.0	5.0	5.0	5.0	4.9	5.1	5.1	5.1	5.4	5.4
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
	42	42	42	-	42	21	-	21	42	42	42	42	42	42	42	42
	K	P/K	-	P	P	K	P/K	P	42	42	42	42	42	42	42	42
	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	U:I	U:I	U:I	U:I	U:I	U:I	U:I
	1:U	U:I	K	P/K	K	U:I	P	U:I	U:I	U:I	U:I	U:I	U:I	U:I	U:I	U:I
	5:2	5:2	5:3	5:0	5:0	5:0	5:1	5:1	5:1	5:1	5:1	5:1	5:1	5:1	5:1	5:1



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 L. 2 v 2 split 2. 2 A 63