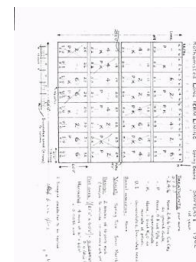


Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



Collection of Plans for the Rothamsted Long-term Liming Experiment

[Full Table of Content](#)



Rothamsted Long-term Liming Experiment 1971

Rothamsted Research

Rothamsted Research (1962-1996) *Rothamsted Long-term Liming Experiment 1971* ; Collection Of Plans For The Rothamsted Long-Term Liming Experiment, pp 7 - 7

Rotamsted LONG TERM LIMING

Barley 10th year

SAWYERS I 1971
Sponsors: J. Bolton, D.B. Slope

24

71/R/CS/10

	01	02	03	04	05	06	07	08
PK	O	O	H	L	O	M	L	H
PH	4.5	4.6	7.7	4.8	4.4	5.2	5.2	7.2
	(+P)	(+K)	00	P0	(+PK)	00	00	P0
	09	10	11	12	13	14	15	16
PK	M	(+O)	L	L	M	H	H	M
PH	6.2	4.3	5.6	5.0	6.1	7.5	7.3	6.3
	OK	00	PK	OK	PK	OK	PK	P0
	17	18	19	20	21	22	23	24
PK	M	M	M	O	M	L	O	L
PH	6.5	6.1	6.2	4.6	5.8	5.3	4.7	5.5
	OK	PK	-	(+P)	P0	OK	(+PK)	P0
	25	26	27	28	29	30	31	32
PK	L	(+O)	H	H	O	L	H	H
PH	5.4	4.6	7.6	7.3	4.4	5.1	7.2	7.3
	PK	-	OK	PK	(+K)	00	P0	00

252'

168'

No paths

Blank rows

21'

60'

Paths

4'

N

TREATMENTS per acre (hectare)

O.L.M.H None, 2, 4, 8 tons (none, 5, 10, 20 tonnes)

CaCO₃ as ground chalk (1962-63)

PH pH of soil samples taken 28 Sep 1970

In seedbed - applied broadcast

P 0.5 cwt (63 kg) P₂O₅ as superphosphate
K 1.0 cwt (125 kg) K₂O as muriate of potash

Basal manuring, per acre (hectare)

0.75 cwt (94 kg) N as 'Nitro-chalk' 21
combine drilled.

Variety: Tulia

Sown at 140lb per acre (157 kg/ha) on 10th March

Design: 2 blocks of 16 plots

Plot area: 21' x 60' = 0.0289 acre (0.012 ha)

Harvested: 9'4" x 60' = 0.0129 acre (0.0052 ha)

Previous crops: Fallow 1969, Barley 1970