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ROTHAMSTED  
RESEARCH

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

[Full Table of Content](#)

## Rothamsted Long-term Liming Experiment 1983

### Rothamsted Research

Rothamsted Research (1962-1996) *Rothamsted Long-term Liming Experiment 1983* ; Collection Of Plans For The Rothamsted Long-Term Liming Experiment, pp 17 - 17

ROTHAMSTED LONG TERM LIMING  
83/K/CS/10

01	02	03	04	05	06	07	08
0	0	H	L	0	M	L	H
P2	P1	-	P2	P3	-	-	P2
09	10	11	12	13	14	15	16
M	0	L	L	M	H	H	M
P1	-	P3	P1	P3	P1	P3	P2
17	18	19	20	21	22	23	24
M	M	M	0	M	L	0	L
P1	P3	-	P2	P2	P1	P3	P2
25	26	27	28	29	30	31	32
L	0	H	H	0	L	H	H
P3	-	P1	P3	P1	-	P2	-

Diagram labels: 252', 118', 57.2m, 0.4m, 0.8m, 0.4m, 0.8m, 0.4m, 0.8m, 0.4m, 0.8m, 0.4m, 0.4m, 66', 37m, 6m, 75m.

POTATOES SAWYERS I

Sponsors: S. McGrath, D.P. Stribley

22nd YEAR

1983

TREATMENTS OF P+K

Anticlimax 1978	1981	1982	Rate of P in 1982	1983	Rate of P in 1983
-	-K	K	None	-K	None
P1	K	PK	50 kg P ha <sup>-1</sup>	-K	50 kg P ha <sup>-1</sup>
P2	P	PK	None	P2K	50 kg P ha <sup>-1</sup>
P3	PK	PK	50 kg P ha <sup>-1</sup>	P2K	50 kg P ha <sup>-1</sup>

P+K until 1978 Cumulative, rates depended on crop

In 1981

P1, P3 25, 75 kg P ha<sup>-1</sup>  
K 120 kg K ha<sup>-1</sup>

LIME TREATMENTS

Total 1962-1978 t ha<sup>-1</sup>

Winter 1981/82 t ha<sup>-1</sup>

Winter 1982/83 t ha<sup>-1</sup>

0	Ward	Ward	Ward
L	7	2	5
M	15	5	3
H	30	10	10

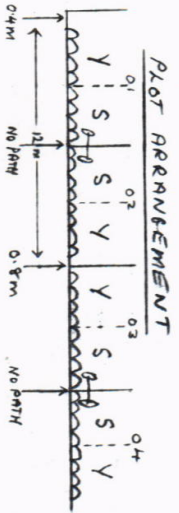
BASAL MANURING

N 250 kg N  
K 250 kg K<sub>2</sub>O  
Mg 40 kg Mg (as kieserite)

VARIETY Pentland Crown

DESIGN 2 blocks of 16 plots

PLOT AREA 21' x 60' = 0.029 ac (0.0117 ha)  
harvest 2 rows x 60' = 0.0068 ac (0.0027 ha)



NO weedkillers or pesticides without Sponsors consent  
All operations by Farm