

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.



ROTHAMSTED
RESEARCH

Collection of Plans for the Rothamsted Long-term Liming Experiment

[Full Table of Content](#)

Rothamsted Long-term Liming Experiment 1982

Rothamsted Research

Rothamsted Research (1962-1996) *Rothamsted Long-term Liming Experiment 1982* ; Collection Of Plans For The Rothamsted Long-Term Liming Experiment, pp 16 - 16

42/R/CS/10

ROTHAMSTED LONG TERM LIMING S. OHTS SAWYERS I 215E YEAR 1982

Sponsors: S.M. Grant, D.P. Stribley

01	0	02	03	04	05	06	07	08
P ₁	P ₁	-	-	P ₂	P ₃	-	-	P ₂
09	10	11	12	13	14	15	16	
m	o	L	L	m	H	H	m	
P ₁	-	P ₃	P ₁	P ₃	P ₁	P ₃	P ₂	
17	18	19	20	21	22	23	24	
m	m	m	o	m	L	o	L	
P ₁	P ₃	-	P ₂	P ₂	P ₁	P ₃	P ₂	
25	26	27	28	29	30	31	32	
L	o	H	H	o	L	H	H	
P ₃	-	P ₁	P ₃	P ₁	-	P ₂	-	

252' ←

168' ← 10 parts

60' ← 3 part

21' ← 10 parts

TREATMENTS OF P+K	1981	1982	Rate of P in 1982
until winter 1978	- K	K	None
P ₁	P ₁ K	P ₁ K	50 kg P ha ⁻¹
P ₂	P ₁ K	-K	None
P ₃	P ₃ K	P ₃ K	50 kg P ha ⁻¹

P+K until 1978 cumulative rates depended on crop

In 1981
 P₁, P₃ 25, 75 kg P ha⁻¹
 K 120 kg K ha⁻¹

LIME TREATMENTS
 (Total 1962-1978 t ha⁻¹) winter 1981/82 t ha⁻¹

o	None	None
L	7	2
m	15	5
H	30	10

BASAL MANURE

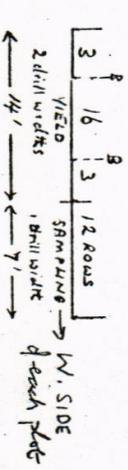
N Nitro chate at 80 kg N ha⁻¹
 K Murate of potash at 120 " " K "
 Mg Epsom Salts at 40 " " Mg "

VARIETY Peniarth

DESIGN 2 blocks of 16 plots

PLOT AREA 21' x 60' = 0.029 ac (0.0117 ha)
 Harvested 9'4" x 60' = 0.013 ac (0.0052 ha)

PLOT ARRANGEMENT



// No weedkillers or pesticides without
 Sponsors consent
 // All operations by farm