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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 1982

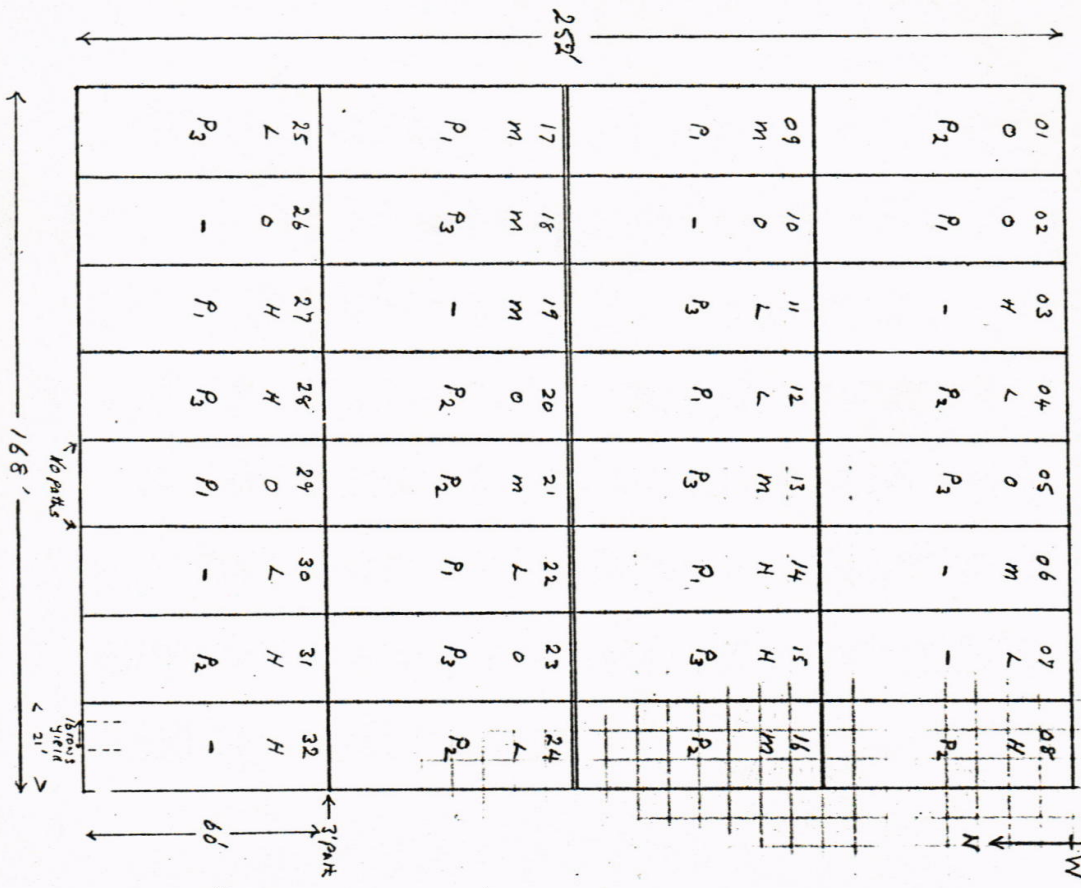
Rothamsted Research

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

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

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



TREATMENTS OF P+K

until winter 1978	1981	1982	Rate of P in 1982
-	-K	K	None
P1	K	P1K	50 kg P ha ⁻¹
P2	P	P1K	None
P3	PK	P3K	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

D	None	None
L	7	2
M	15	5
H	30	10

BASAL MANURING

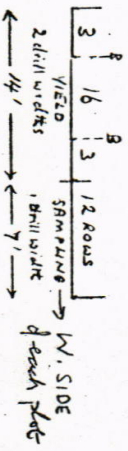
N Nitro chate at 80 kg N ha⁻¹
 K Murate of potash at 120 " " K "
 Mg Epsom Salts at 40 " " Mg "

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