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ROTHAMSTED
RESEARCH

Collection of Plans for the Rothamsted Long-term Liming Experiment

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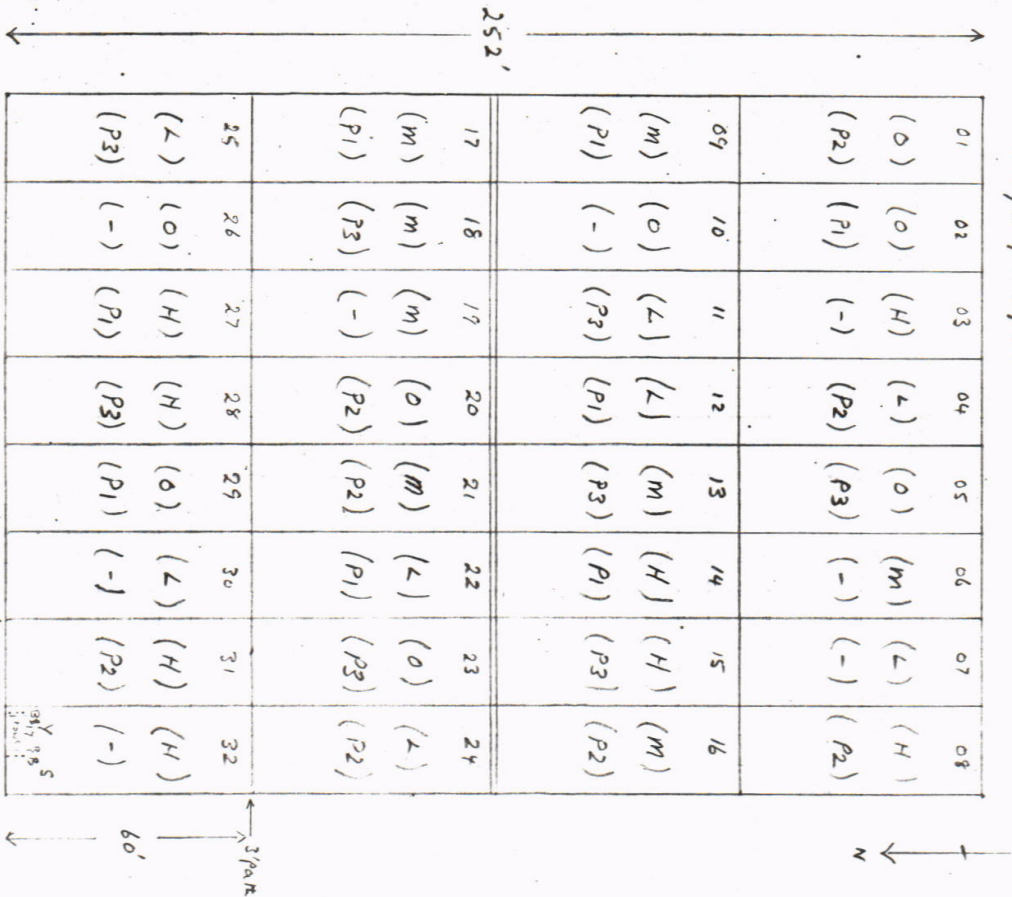
Rothamsted Long-term Liming Experiment 1985

Rothamsted Research

Rothamsted Research (1962-1996) *Rothamsted Long-term Liming Experiment 1985* ; Collection Of Plans For The Rothamsted Long-Term Liming Experiment, pp 18 - 18

ROTHAMSTED LONG TERM LIMING
85/R/CS/10

S BARLEY 24th YEAR SAWYERS I 1985
Sponsor: S.P. McGRATH



TREATMENTS OF PK UNTIL 1983

Winter 1978	1981 Rates of P _{in} 1981	1982 Rates of P _{in} 1982	1983 Rates of P _{in} 1983
(-)	- K None	- K None	- K None
(P1)	K PK 25 kg/ha	P2K 50 kg P/ha	- K None
(P2)	P PK 25 "	- K None	P2K 50 kg P/ha
(P3)	PK P3K 75 "	P2K 50 kg P/ha	P2K 50 "

P+K until 1978 cumulative; rates depended on crop

In 1981
K 120 kg K/ha

LIME TREATMENTS UNTIL 1983

Total 1962-1978 t/ha	Winter 1981/82 t/ha	Winter 1982/83 t/ha	Accumulated t/ha
(0) None	None	None	0
(L) 7	2	5	14
(M) 15	5	3	23
(H) 30	10	10	50

BASAL MANURING

(25:0:16) at 448 kg/ha

VARIETY

Kilacorn, sown at 157 kg/ha or 18 Mweh

DESIGN

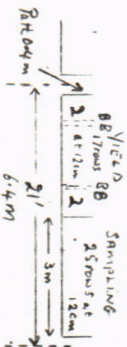
2 blocks of 16 plots.

PLOT AREA

6m x 60' = 0.0027 ac (0.011 ha)

Haunt - 17mm Ø 12cm x 60' = 0.0037 ha

PLOT ARRANGEMENT



No fertilizer or pesticides without Sponsor's consent

All operations by Farm