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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

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)	(-)

252' ← →
168' ← →
3' Part
60'
6m →
94.795

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
(P1)	K	25 kg/ha	P2K 50 kg P/ha
(P2)	P	P1K 25 "	- K
(P3)	PK	P3K 75 "	P2K 50 kg P/ha

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	0
(L)	7	2	14
(M)	15	5	23
(H)	30	10	50

BASAL MANURING

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

VARIETY

Kilacorn, sown at 157 kg/ha as 18 March

DESIGN

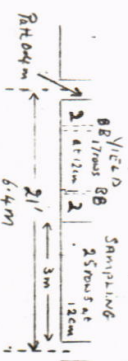
2 blocks of 16 plots.

PLOT AREA

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

Harvest - 17mm P12a x 60' = 0.0037 ha

PLOT ARRANGEMENT



No fertilizer or pesticides without Sponsor's consent

All operations by Farm