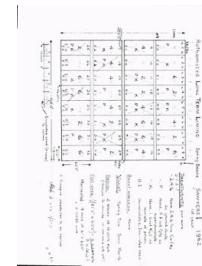


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Collection of Plans for the Rothamsted Long-term Liming Experiment

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Rothamsted Long-term Liming Experiment 1993

Rothamsted Research

Rothamsted Research (1962-1996) *Rothamsted Long-term Liming Experiment 1993* ; Collection Of Plans For The Rothamsted Long-Term Liming Experiment, pp 26 - 26

¹⁶
Sampling I 1993

W. Lupins

32nd/205

Sponsoring: S.P. McGrath, P.B. Barndt, G.F.I. Mikkelsen, T.H. Day

TREATMENTS

Reduced effects of chalk off-take 1962-87 (total t/ha):

(-) None
(L) 15
(M) 24.5
(H) 52.5

Random effect of Potash 1962-88, rate varied with crop 9 years:

(-) (P1)
(P2)
(P3)

Sulphur = 1993 m calcium sulphate application: (cumulative to 1991-92)

- S None, 30 kg/s/ha
BASAL MANURING per ha

VARIETY
CH 304, sown at
on

DESIGN

2 block of 4x4 plots with 2

$$5.76 \text{ m} \times 16.1 \text{ m} = 0.009 \text{ ha}$$

$$5.76 \text{ m} \times 6.5 = 0.037 \text{ ha}$$

All operations by farm
All plots all approximated to 5m

Roots measured long Term Lining							
93/R/CS/10							
01	02	03	04	05	06	07	08
-	-	-	-	S	S	-	-
(-P2) + (-P1)	(H-) + (LP2) + (-P3) + (M-) + (L-) + (HP2) -						
2	S	S	S	-	-	-	S
09	10	11	12	13	14	15	16
-	S	-	S	S	-	-	S
(M P1) + (- -) + (L P3) + (L P1) + (M P3) + (H P1) + (H P3) + (M P2) -							
2	-	-	S	-	-	S	-
252' (including 1/2 path in each end) 76.8m	252' (including 1/2 path in each end) 76.8m	17	18	19	20	21	22
-	S	-	S	S	S	S	-
(M P1) + (M P3) + (M -) + (-P2) + (M P2) + (L P1) + (-P3) + (L P2) -							
2	-	S	-	-	-	-	S
25	26	27	28	29	30	31	32
-	S	S	S	-	S	-	-
(L P3) + (- -) + (H P1) + (H P3) + (-P1) + (L -) + (H P2) + (H -) -							
2	-	-	S	-	S	S	S

→
Poles 0.64m ← 16.8'
(including 1/2 path in each end) 51.2m