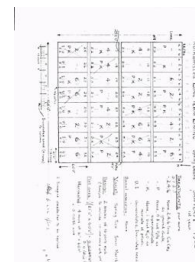


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Collection of Plans for the Rothamsted Long-term Liming Experiment

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Rothamsted Long-term Liming Experiment 1976

Rothamsted Research

Rothamsted Research (1962-1996) *Rothamsted Long-term Liming Experiment 1976* ; Collection Of Plans For The Rothamsted Long-Term Liming Experiment, pp 12 - 12

Rothamsted Long Term Liming

76/R/C5/10

	01	02	03	04	05	06	07	08
1	Mg	Mg	Mg	-	-	-	Mg	Mg
1	-	-	-	-	-	-	-	-
2	4.5	4.3	6.5	5.0	4.4	5.1	5.1	6.7
PH	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
1	Mg	-	Mg	Mg	Mg	-	-	Mg
1	-	-	-	-	-	-	-	-
2	5.5	4.3	5.0	4.8	5.6	6.5	6.5	6.0
2	17	18	19	20	21	22	23	24
1	-	Mg	Mg	-	-	Mg	-	Mg
1	-	-	-	-	-	-	-	-
2	5.5	5.4	5.7	4.5	5.4	4.9	4.6	5.1
PH	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
1	-	-	-	-	Mg	-	-	Mg
1	-	-	-	-	-	-	-	-
2	5.0	4.4	6.6	6.5	4.2	4.7	6.6	6.7

Scanned by Nordstern dvl in 8" rows

168'

No paths

21' rows at 8"

Spr. Oilseed Rape 15th Year
SAWYERS I 1976²³
Sponsor: J. Bolton

TREATMENTS per acre (hectare)

Whole Plots

O, L, M, H None, 2, 4, 8 tons (-, 5, 10, 20 tonnes)

CaCO₃ as ground chalk (1962-68)

PH of soil sample taken Jan 1975

P 0.5 cwt (63kg) P₂O₅ as super Broadcast in

K 1.0 cwt (125kg) K₂O as muriate } seedbed

Half Plots

-, Mg None, 100lb (112kg) Mg, as Epsom salts

Note: P K Mg treatments cumulative (Mg in 1974 + 76 only)

Basal manuring per acre (hectare)

600 lb (675kg) 'Nitro-Chalk' 25

Variety: Maris Hadloma at 5 lb/acre (6kg/ha) sown on 26 Mar

Design: 2 blocks of 16 plots split into 2

Plot area: 21' x 60' = 0.029 acre (0.0117 ha)

Sub-plot harvested 15 rows at 8"

10' x 27' = 0.0062 acre (0.0025 ha)

Previous cropping: 1962-64 beans,

1965-67 barley, 1968 potatoes, 1969 fallow
1970-73 barley, 1974 potatoes, 1975 oats