

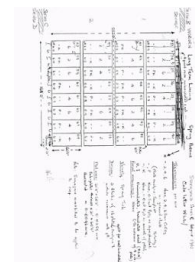
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Collection of Plans for the Woburn Long-term Liming Experiment

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Woburn Long-term Liming Experiment 1981

Rothamsted Research

Rothamsted Research (1962 - 1997) *Woburn Long-term Liming Experiment 1981* ; Collection Of Plans For The Woburn Long-Term Liming Experiment, pp 16 - 16

WOBBURN

LONG-TERM LIMING

Spring Date 20th year STACKYARD Series C 1981

Sponsors: S. McGrath, D.P. Stribley

81/W/CS/10



33	34	35	36	37	38	39	40
Mg O	Mg L	H	Mg L	Mg M	O	L	Mg H
(-) K	(-) K	(P) K	(-) K	(P) K	(-) K	(P) K	(-) K
4.6	5.3	7.1	5.4	6.3	4.6	4.7	4.8
4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
Mg O	M	O	Mg M	H	Mg L	Mg M	H
(P) K	(-) K	(P) K	(P) K	(P) K	(P) K	(-) K	(-) K
4.7	5.8	4.9	5.9	7.8	5.4	6.2	7.0
4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6
L	L	Mg M	O	O	Mg H	O	Mg L
(-) K	(-) K	(P) K	(-) K	(P) K	(P) K	(-) K	(P) K
5.7	5.8	6.2	6.0	6.1	7.0	4.9	5.6
Mg H	L	H	O	Mg M	Mg H	M	Mg M
(-) K	(P) K	(-) K	(P) K	(-) K	(P) K	(P) K	(-) K
7.0	5.9	7.6	5.8	6.3	7.0	6.3	6.3

16.8'

6.3'

2.1'

1.6'

TREATMENTS

P&K	Until 1978	From 1981	LIME
(-)(-)(-)	P	P	0
(P)(-)(-)	P	P	6
(-)(P)(-)	P	P	14
(P)(P)(-)	P	P	23

P&K until 1978 cumulative, rates depended on crop

From 1981 per ha (acre)
P₁, P₂ 25, 75 kg P (22, 67 lb P)
K 120 kg K (107 lb K)
BASAL MANURING per ha (acre)

N Nitro-chalk at 80 kg N (71 lb N)
Mg Kieserite at 100 kg Mg (89 lb Mg)

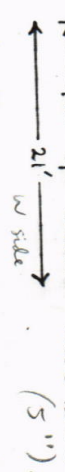
VARIETY Peniarth Sown at 180 lb (202 kg) Date: 9 Apr

DESIGN 2 blocks of 16 plots

PLOT AREA 21' x 60' = 0.029 acre (0.0117 ha)

Harvested 275 m x 60' = 0.0124 acre (0.0050 ha)

PLOT ARRANGEMENT 311 22 rows x 3 18 rows x 2.25 m sown within 2.4 m



Yield & sampling 50 rows x 21' Rows 12.5 cm apart (5").

No weedkiller or pesticide without sponsors consent.

184 Operations by Farrow.