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# Collection of Plans for the Woburn Long-term Liming Experiment



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## Woburn Long-term Liming Experiment 1982

### Rothamsted Research

Rothamsted Research (1962 - 1997) *Woburn Long-term Liming Experiment 1982* ; Collection Of Plans For The Woburn Long-Term Liming Experiment, pp 17 - 17

S.M.G.

WOBURN

LONG-TERM LIMING

Spring Oats 21st year

STACKYARD 52225 C 1982  
Sponsors: S.M.G. Math, Dr. P. H. Bayley

N  
W

	33	34	35	36	37	38	39	40
82/W/CS/10								
	O	L	H	L	M	O	L	H
	-	-	P3	P1	P2	P1	P2	P1
	41	42	43	44	45	46	47	48
	O	M	O	M	H	L	M	H
	P3	-	P2	P3	P2	P3	P1	-
	49	50	51	52	53	54	55	56
	L	L	M	O	O	H	O	L
	-	P1	P3	P1	P2	P3	-	P2
	57	58	59	60	61	62	63	64
	H	L	H	O	M	H	M	M
	P1	P3	-	P3	-	P2	P2	P1

E  
S

252'

168' No paths

← 21' →

3'

60'

**TREATMENTS OF P&K**

	Until winter 1978	1981	1982	Rate of P in 1982
-	-	-K	K	None
P1	K	P1K	P1K	50kg P/ha (45lb/ae)
P2	P	P1K	-K	None
P3	PK	P3K	P1K	50kg P/ha (45lb/ae)

P&K until 1978 cumulative, rates depended on crop.  
In 1981 per ha (acre)  
P1, P3 25, 75 kg P (22, 67 lb P)  
K 120 kg K (107 lb K)

**LIME**

	Total 1962-1978 t/ha	Winter 1981 t/ha
O	None	None
L	6	2
M	14	5
H	23	10

**BASAL MANURING per ha (acre)**  
N Nitro-chalk at 80kg N (71 lb N)  
K Murex at 120kg K (107 lb K)  
Mg Kieserite at 40kg Mg (36 lb Mg)

**VARIETY**  
Peniarth

**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)

// No woodland or pasture without sponsors consent // All operation by Farm

