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Collection of Plans for the Woburn Long-term Liming Experiment



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Woburn Long-term Liming Experiment 1985

Rothamsted Research

Rothamsted Research (1962 - 1997) *Woburn Long-term Liming Experiment 1985* ; Collection Of Plans For The Woburn Long-Term Liming Experiment, pp 19 - 19

WOBBURN

LONG-TERM LIMING

Spring Barley 24th year

STACKYARD series C 1985 211
Sponsor: S P McGrath

	85/W/CS/10							
	33	34	35	36	37	38	39	40
	(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)	(P2)	(-)	(P3)	(-)	(P2)	(P2)	(P1)	

- 1/ No walkover, post-cide or fertilizer containing toxic elements.
- 2/ All to be cleared with sponsor. No straw burning on site.
- 3/ All operations by Farm.

168' No paths 21'

TREATMENTS

Residues of P&K	1981	1982	1983	1981-83
(-)	-K	-K	-K	None
(P1)	P1K	P2K	P2K	P1 25 kg P
(P2)	P1K	-K	P2K	P2 50 kg P
(P3)	P3K	P2K	P4K	P3 75 kg P
				P4 100 kg P

P&K until 1978 cumulative, rates depended on crop
Rates of K 1981 & 1982 120 kg K ha⁻¹

RESIDUES OF LIME t ha⁻¹

Total applied	1962-1978	1981 & 1982
O	None	
L	8	
M	24	
H	43	

BASAL MANURING kg ha⁻¹
(25:0:16) at 440 lb (493 kg)

VARIETY Klaxon (normal seed dressing). Sown at 136 lb (152 kg) Date 18 Mar

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

