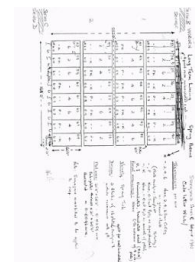


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Collection of Plans for the Woburn Long-term Liming Experiment

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Woburn Long-term Liming Experiment 1983

Rothamsted Research

Rothamsted Research (1962 - 1997) *Woburn Long-term Liming Experiment 1983* ; Collection Of Plans For The Woburn Long-Term Liming Experiment, pp 18 - 18

LONG-TERM LIVING

Potatoes 2nd year STACKYARD series c 1983
sponsors: S. McGrath, D. P. Stribley

83/W/CS/10

TREATMENTS OF P & K				Rates P 1981-83	
until winter 1978		1981	1982	1983	
-	-K	-K	-K	-	None
D ₁	P ₁ K	P ₂ K	P ₂ K	P ₁	25 kg P ha ⁻¹ (22 lb/ae)
D ₂	P ₁ K	-K	P ₂ K	P ₂	50 kg P ha ⁻¹ (45 lb/ae)
D ₃	P ₃ K	P ₂ K	P ₄ K	P ₃	75 kg P ha ⁻¹ (67 lb/ae)
				P ₄	100 kg P ha ⁻¹ (89 lb/ae)

P&K until 1978 cumulative, rates depended on crop & a of P 1983 kg P/ha

<u>Rates of K</u>	120 kg K/ha ⁻¹ (107 lb/ac)	<u>P</u>	<u>P</u>
1981 & 1982		50	?
		50	

<u>LINE</u> Total 1962-1978 t ha⁻¹ 0 None 1 6 2 14 3 23	<u>Winter 1981 t ha⁻¹</u> None 2 5 10	<u>Winter 1982 t ha⁻¹</u> None None 5 10
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BASAL MANURING ha^{-1} (acre)

	250 kg	40 kg	K_2O	Mg (as Kieserite)
250 kg				
40 kg				
K_2O				
Mg (as Kieserite)				

VARIETY Pentland Crown

DESIGN

2 blocks of 16 plots

PLOT AREA 21' x 60' = 0.029 acre (0.0117 ha)
 Harvest 2 rows @ 75 cm x 60' = 0.0068 (0.0027 ha)

PLOT ARRANGEMENT

