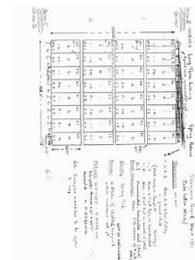


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Woburn Long-term Liming Experiment 1983

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

WOBURN

LONG-TERM LIMING

Potatoes 2nd year

STACKYARD series c 1983
Sponsors: S. McGrath, D.P. Stewbley

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TREATMENTS OF P&K

| | until winter 1978 | 1981 | 1982 | 1983 | Rates P 1981-83 |
|----|-------------------|------|------|------|---|
| P1 | - | -K | -K | -K | None |
| P2 | K | P1K | P2K | P2K | P1 25 kg P ha ⁻¹ (22 lb/ae) |
| P3 | P | P1K | -K | P2K | P2 50 kg P ha ⁻¹ (45 lb/ae) |
| | PK | P3K | P2K | P4K | P3 75 kg P ha ⁻¹ (67 lb/ae) |
| | | | | | P4 100 kg P ha ⁻¹ (89 lb/ae) |

P&K until 1978 cumulative, rates depended on crop rate of P 1983 kg P ha⁻¹
Rates of K 120 kg K ha⁻¹ (107 lb/ae)

LIME

| | Total 1962-1978 t ha ⁻¹ | Winter 1981 t ha ⁻¹ | Winter 1982 t ha ⁻¹ |
|---|------------------------------------|--------------------------------|--------------------------------|
| O | None | None | None |
| L | 6 | 2 | 5 |
| M | 14 | 5 | 5 |
| H | 23 | 10 | 10 |

BASAL MANURING ha⁻¹ (acre)
N 250 kg N
K 250 kg K₂O
Mg 40 kg 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)

