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Collection of Plans for the Woburn Long-term Liming Experiment



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Woburn Long-term Liming Experiment 1986

Rothamsted Research

Rothamsted Research (1962 - 1997) *Woburn Long-term Liming Experiment 1986* ; Collection Of Plans For The Woburn Long-Term Liming Experiment, pp 20 - 20

K. July

W/O BURIN

LONG-TERM LINING

W. T. H. 25th year

Sponsor: S. P. M. S. 1986
211

1m2 base

| | | | | | | | | |
|------|------|------|------|------|------|------|------|------|
| | 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) | (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) | |

No weedicides, pesticides or fertilizers on sowing a trace element. All to be cleared with sprayer. No straw burning on site. All operations by Farm.

W
N

TREATMENTS

| Residues of P&K | kg | Ra ⁻¹ |
|-------------------|------|------------------|
| until winter 1978 | 1981 | 1982 |
| (-) | -K | -K |
| (P1) | PK | P2K |
| (P2) | P | PK -K |
| (P3) | PK | P3K P2K |

Rates of P 1981-83

| | |
|----|----------|
| - | None |
| P1 | 25 kg P |
| P2 | 50 kg P |
| 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 Ra⁻¹
1983 208 kg K Ra⁻¹

RESIDUES OF LIME t Ra⁻¹
Total applied 1962-1978, 1981 & 1982

| | |
|---|------|
| 0 | None |
| L | 8 |
| M | 24 |
| H | 43 |

BASAL MANURING kg Ra⁻¹
NK None

VARIETY
W. T. H. - Lasko sown at 140lb (160kg) Date: 22 Oct.

DESIGN
2 blocks of 16 plots

PLOT AREA
21' x 60' = 0.029 acre (0.0117 Ra)
Harvested 2.75m x 60' = 0.0124 acre (0.0050 Ra)

PLOT ARRANGEMENT

This is wrong way round

