

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

## Yields of the Field Experiments 1973

[Full Table of Content](#)



### 73/W/RN/14 - Long Term Phosphate - Ley

#### Rothamsted Research

Rothamsted Research (1974) 73/W/RN/14 - Long Term Phosphate - Ley ; Yields Of The Field Experiments 1973, pp 135 - 135 - DOI: <https://doi.org/10.23637/ERADOC-1-98>

73/W/RN/14

LONG TERM PHOSPHATE

Object: To study direct and residual effects of superphosphate on a clover/grass ley - Woburn Stackyard III.

Sponsor: G.E.G. Mattingly.

The sixth year, clover/grass ley.

For previous years see 68/B/8(t), 69/W/RN/14, 70/W/RN/14(t), 71/W/RN/14(t) and 72/W/RN/14(t).

Design: 6 blocks of 6 plots, split into 2.

Whole plot dimensions: 8.53 x 15.8.

Treatments:- P205, applied as superphosphate, cumulatively to dressings in 1967: 0, 170, 340, 690, 1030 kg.

Basal applications: 30 kg N as 'Nitro-Chalk'. Weedkiller: Benazolin, 2,4-DB and MCPA ('Legumex Extra' at 7.0 l in 280 l).

Seed: Ley mixture sown at 56 kg except plots 01-06 at 25 kg. Seed composition: 38% S215 Meadow Fescue, 25% Comtessa Meadow Fescue, 25% S48 Timothy, 9% Huia White Clover, 3% Wild White Clover.

Cultivations, etc.: - Deep-tine cultivated: 30 Sept, 1972. Ploughed: 20 Dec. N applied: 23 Mar, 1973. P treatments applied, rotary harrowed: 27 Mar. Seeds sown: 28 Mar. Weedkiller applied: 31 May. Topped: 12 June. Cut: 2 Aug.

NOTE: No yields were taken.