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# Collection of Plans for the Woburn Ley-arable Experiment

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The thumbnail shows a table with the title 'WOBURN ARABLE AND LEY ROTATIONS' and 'STOCKING FIELD IN 1978'. It contains several columns of data, likely representing different experimental treatments and their results over time.

## Woburn Ley-arable 1978a

### Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1978a* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 37 - 37

41st year → N  
 STACKYARD D 1978 201A  
 Sponsors: A.E. Johnston, F.G.W. Jones, G.A. Salt

**SYMBOLS**

From 1976 major revisions have been made:-

Previous Rotations: (A), (Ah), (C), (L), (S) not defined on this plan  
 From 1976 AH: Barley B, Barley B, Oats O.  
 A: Follow F, Follow F, Oats O.  
 L: 3 years clover/grass ley (no N)  
 Ln: 3 years all grass ley (with N)  
 LLC & LLn 8 year leys treated as above.

\* = ploughed up in less than 8 year initially during phasing  
 Followed by Test Crops Wheat W, Barley B.  
 NOTE: All Lc, Ln, LLC and LLn 2 & 3 failed in 1976 and  
 resown in autumn 1976.

To all crops: - dr. Residues of none v.15 tons/acre (38t/ha) FYM  
 last applied n years ago.

**BASAL MANURING** per acre (hectare) to treatment crops:  
 Barley - Porthos (dressed with ethinmal), 360lb (400kg) compound  
 Oats - Manod  
 fertilizer (20:14:14) CD

All - Grass ley  
 1st year: 75kg (67lb) N as Nitro-chalk 25, 75kg (67lb) P<sub>2</sub>O<sub>5</sub>, 150kg (134lb) K<sub>2</sub>O as (0:14:28) in the seedbed, 75kg (67lb) N, 48kg (43lb) K<sub>2</sub>O as (25:0:16) after each cut except the last.  
 2nd + years: 75kg (67lb) P<sub>2</sub>O<sub>5</sub>, 150kg (134lb) K<sub>2</sub>O as (0:14:28) in winter  
 75kg (67lb) N, 48kg (43lb) K<sub>2</sub>O as (25:0:16) in spring  
 and after each cut except the last.

Clover/grass ley as Ln but omitting N. K per cut as Muriale of potash  
 1st year: 75kg (67lb) P<sub>2</sub>O<sub>5</sub>, 150kg (134lb) K<sub>2</sub>O as (0:14:28) in the  
 seedbed. 48kg (43lb) K<sub>2</sub>O as Muriale of potash after  
 each cut except the last.

2nd + years: 75kg (67lb) P<sub>2</sub>O<sub>5</sub>, 150kg (134lb) K<sub>2</sub>O as (0:14:28)  
 in winter. 48kg (43lb) K<sub>2</sub>O as Muriale of potash  
 in spring, and after each cut except the last.

Barley sown at 145lb (162kg) Date: Redrilled 7 Apr  
 Oats sown at 180lb (202kg) Date: 13 Mar

**ARABLE AND LEY ROTATION**

**WOBUEN**

