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# Collection of Plans for the Woburn Ley-arable Experiment

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WOBURN ARABLE AND LEY ROTATIONS

Treatment	Area (sq. ft.)	Soil	Year	Notes
1. 1st Year	100	1	1957	
2. 2nd Year	100	1	1958	
3. 3rd Year	100	1	1959	
4. 4th Year	100	1	1960	
5. 5th Year	100	1	1961	
6. 6th Year	100	1	1962	
7. 7th Year	100	1	1963	
8. 8th Year	100	1	1964	
9. 9th Year	100	1	1965	
10. 10th Year	100	1	1966	
11. 11th Year	100	1	1967	
12. 12th Year	100	1	1968	
13. 13th Year	100	1	1969	
14. 14th Year	100	1	1970	
15. 15th Year	100	1	1971	
16. 16th Year	100	1	1972	
17. 17th Year	100	1	1973	
18. 18th Year	100	1	1974	
19. 19th Year	100	1	1975	
20. 20th Year	100	1	1976	

## Woburn Ley-arable 1976a

### Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1976a* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 31 - 31

WOBURN ARABLE AND LEY ROTATION

Block 1 For Plot Treatments	2nd Test	Crop Winter Wheat See Separate Plan 201 B
17 d10 (A) B	19 (A) F	d10
21 d10 (SA) LLC1	23 (AC) LLC1*	d13
23 d13 (AL) LLN1*	(LA) LLN1	d13
29 (C) LC1	(L) LN1	d13

Block 3 For Plot Treatments	1st Test	Crop Winter Wheat See Separate Plan 201 C
39 d14 (LA) LLC2	51 (SA) LLN2	d14
53 (AH) B	(AS) LLC2*	d14
57 d14 (L) LN2	(C) LC2	-
61 (AL) LLN2*	(A) F	-

Block 4 For Plot Treatments	1st Test	Crop Winter Wheat See Separate Plan 201 D
65 d10 (L) LN3	67 (AH) O	-
69 (AL) LLN3*	(SA) LLN3	d10
73 d10 (A) O	(LA) LLC3	-
77 d10 (AS) LLC3*	(C) LC3	d10

59th year → N

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SYMBOLS

From 1976 major revisions have been made: -  
 Previous Rotations: (R), (A), (C), (L), (S) not defined on this plan.  
 From 1976 AH Barley B, Barley S, Oats O.  
 A Follow F, Follow F, Oats O.  
 LC 3 years clover/grass ley (no N)  
 LN 3 years all grass ley (with N)  
 LLC & LLN 3 year leys treated as above. \* = ploughed up in

less than 8 years initially during phasing in.  
 Normally followed by Test Crops. Wheat and Barley (Wheat in 1976 to complete previous cycle).

NOTE: LC & LN 2 & 3 are all fresh sowings 1976.

To all crops: -, dn Residues of none v 15 tons/acre (88t/ha) FYM last applied n years ago.

BASAL MANURING per acre (hectare)  
 Barley - Julia. (dressed with abtimal) } 360B (400 kg) compound fertiliser @ 145 lb (65 kg)  
 Oats - Mamed @ 170 lb (190 kg) } (20:14:14) C.D. Sown: 23 Mar

ALL - grass ley sown: 22 Apr

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

2nd + years: 75 kg (67 lb) P<sub>2</sub>O<sub>5</sub>, 150 kg (134 lb) K<sub>2</sub>O as (0:14:28) in winter. 75 kg (67 lb) N, 48 kg (43 lb) 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 muricide of potato.

1st year: 75 kg (67 lb) P<sub>2</sub>O<sub>5</sub>, 150 kg (134 lb) K<sub>2</sub>O as (0:14:28) in the seedbed. 48 kg (43 lb) K<sub>2</sub>O as Muricide of potato after each cut except the last.

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

Leys drilled: 22 Apr.