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Collection of Plans for the Woburn Ley-arable Experiment

[Full Table of Content](#)

WOBURN ARABLE AND LEY ROTATIONS

Treatment	Area (sq. ft.)	Area (acres)	Year	Notes
1. 1st Year	1000	0.023	1957	
2. 2nd Year	1000	0.023	1958	
3. 3rd Year	1000	0.023	1959	
4. 4th Year	1000	0.023	1960	
5. 5th Year	1000	0.023	1961	
6. 6th Year	1000	0.023	1962	
7. 7th Year	1000	0.023	1963	
8. 8th Year	1000	0.023	1964	
9. 9th Year	1000	0.023	1965	
10. 10th Year	1000	0.023	1966	
11. 11th Year	1000	0.023	1967	
12. 12th Year	1000	0.023	1968	
13. 13th Year	1000	0.023	1969	
14. 14th Year	1000	0.023	1970	
15. 15th Year	1000	0.023	1971	
16. 16th Year	1000	0.023	1972	
17. 17th Year	1000	0.023	1973	
18. 18th Year	1000	0.023	1974	
19. 19th Year	1000	0.023	1975	
20. 20th Year	1000	0.023	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 (A) B	18 (A) F	19 (A) F
21 (SA) LLC1	22 (AC) LLC1*	23 (AC) LLC1*
23 (AL) LLN1*	24 (LA) LLN1	27 (LA) LLN1
29 (C) LC1	30 (L) LN1	31 (L) LN1

Block 3 For Plot Treatments	1st Test	Crop Winter Wheat See Separate Plan 201 C
39 (LA) LLC2	40 (SA) LLN2	51 (SA) LLN2
53 (AH) B	54 (AH) LLC2*	55 (AH) LLC2*
57 (L) LN2	58 (C) LC2	59 (C) LC2
61 (AL) LLN2*	62 (A) F	63 (A) F

Block 4 For Plot Treatments	1st Test	2nd Test	Crop Winter Wheat See Separate Plan 201 B
65 (L) LN3	66 (AH) O	67 (AH) O	70 (SA) LLN3
69 (AL) LLN3*	70 (A) O	71 (SA) LLN3	72 (LA) LLN3
73 (A) O	74 (AS) LLC3*	75 (LAN) LLC3	76 (C) LC3
77 (AS) LLC3*	78 (C) LC3	79 (C) LC3	80 (C) LC3

Leys drilled: 22 Apr.

39th year

→ N SYMBOLS

STACKYARD 'D' 1976 201A
Sponsors: D. B. Boyd, K. Evans, A. E. Johnston, F. M. Jones, G. A. Salt.

From 1976 major revisions have been made: -

Previous Rotations: (R), (Ah), (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 MANURES per acre (hectare)
Barley - Julia. (dressed with abt. animal) } 360B (400 kg) compound fertiliser @ 145 lb (65.3 kg)
Oats - Mamed @ 170 lb (77.1 kg) } (20:14:14) C.D. Sown: 23 Mar sown: 22 Apr

ALL - grass ley.

1st year: 75 kg (67 lb) N as Nitro-chalk 25, 75 kg (67 lb) P₂O₅, 150 kg (134 lb) K₂O as (0:14:28) in the seedbed. 75 kg (67 lb) N, 48 kg (43 lb) K₂O as (25:0:16) after each cut except the last.

2nd + years: 75 kg (67 lb) P₂O₅, 150 kg (134 lb) K₂O as (0:14:28) in winter. 75 kg (67 lb) N, 48 kg (43 lb) K₂O 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) P₂O₅, 150 kg (134 lb) K₂O as (0:14:28) in the seedbed.

2nd + years: 75 kg (67 lb) P₂O₅, 150 kg (134 lb) K₂O as (0:14:28) in winter.

48 kg (43 lb) K₂O as Muricide of potato after each cut except the last.

48 kg (43 lb) K₂O as Muricide of potato in spring and after each cut except the last.

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