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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.)	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

59th year

STACKYARD 'D' 1976 201A

Sponsors: ~~Barbey~~, K. Evans, A.E. Johnston, F.M. Jones, G.A. Salt.

SYMBOLS

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 MANURING per acre (hectare)

Barley - Julia. (dressed with abt. animal) } 360B (400 kg) compound fertiliser @ 145 lb (65.3 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) 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. 48 kg (43 lb) K₂O as Muricide of potato after each cut except the last.

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 in spring and after each cut except the last.

Leys drilled: 22 Apr.

17	(A) B	19	(A) F
21	(SA) LLC1	23	(AC) LLC1*
23	(AhL) LLn1*	27	(LAb) LLn1
29	(C) LC1	31	(L) Ln1

33	Block 3 1st Test For plot treatments	35	Crop Winter Wheat See Separate plan 201 C 48 14'6"
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39	(LA) LLC2	51	(SAH) LLn2
53	(Ah) B	55	(AhS) LLC2*
57	(L) Ln2	59	(C) LC2
61	(AL) LLn2*	63	(A) F

65	(L) Ln3	67	(Ah) O
69	(AhL) LLn3*	71	(SA) LLn3
73	(A) O	75	(LAN) LLC3
77	(AS) LLC3*	79	(C) LC3

