

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

# Collection of Plans for the Woburn Ley-arable Experiment

[Full Table of Content](#)

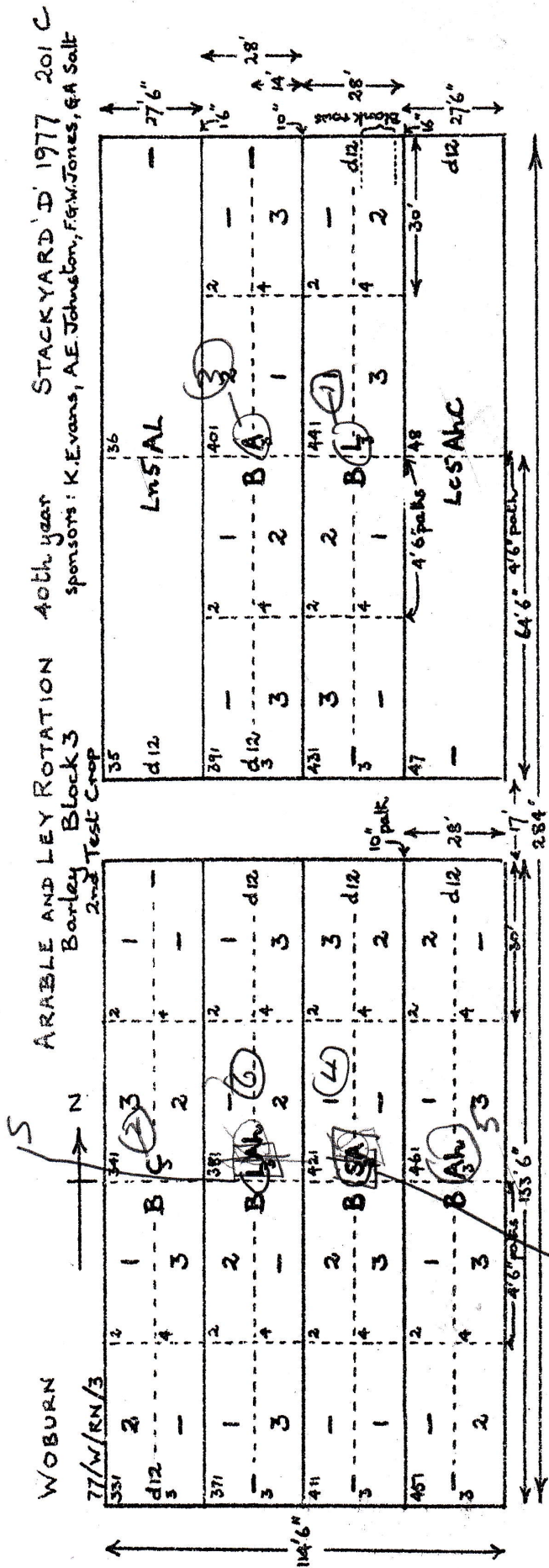
WOBURN ARABLE AND LEY ROTATIONS

Treatment	Area (Acre)	Soil	Year	Notes
1. 1st Year	1.0	1.0	1977	
2. 2nd Year	1.0	1.0	1978	
3. 3rd Year	1.0	1.0	1979	
4. 4th Year	1.0	1.0	1980	
5. 5th Year	1.0	1.0	1981	
6. 6th Year	1.0	1.0	1982	
7. 7th Year	1.0	1.0	1983	
8. 8th Year	1.0	1.0	1984	
9. 9th Year	1.0	1.0	1985	
10. 10th Year	1.0	1.0	1986	
11. 11th Year	1.0	1.0	1987	
12. 12th Year	1.0	1.0	1988	
13. 13th Year	1.0	1.0	1989	
14. 14th Year	1.0	1.0	1990	
15. 15th Year	1.0	1.0	1991	
16. 16th Year	1.0	1.0	1992	
17. 17th Year	1.0	1.0	1993	
18. 18th Year	1.0	1.0	1994	
19. 19th Year	1.0	1.0	1995	
20. 20th Year	1.0	1.0	1996	
21. 21st Year	1.0	1.0	1997	
22. 22nd Year	1.0	1.0	1998	
23. 23rd Year	1.0	1.0	1999	
24. 24th Year	1.0	1.0	2000	
25. 25th Year	1.0	1.0	2001	
26. 26th Year	1.0	1.0	2002	
27. 27th Year	1.0	1.0	2003	
28. 28th Year	1.0	1.0	2004	
29. 29th Year	1.0	1.0	2005	
30. 30th Year	1.0	1.0	2006	
31. 31st Year	1.0	1.0	2007	
32. 32nd Year	1.0	1.0	2008	
33. 33rd Year	1.0	1.0	2009	
34. 34th Year	1.0	1.0	2010	
35. 35th Year	1.0	1.0	2011	
36. 36th Year	1.0	1.0	2012	
37. 37th Year	1.0	1.0	2013	
38. 38th Year	1.0	1.0	2014	
39. 39th Year	1.0	1.0	2015	
40. 40th Year	1.0	1.0	2016	
41. 41st Year	1.0	1.0	2017	
42. 42nd Year	1.0	1.0	2018	
43. 43rd Year	1.0	1.0	2019	
44. 44th Year	1.0	1.0	2020	
45. 45th Year	1.0	1.0	2021	
46. 46th Year	1.0	1.0	2022	
47. 47th Year	1.0	1.0	2023	
48. 48th Year	1.0	1.0	2024	
49. 49th Year	1.0	1.0	2025	
50. 50th Year	1.0	1.0	2026	
51. 51st Year	1.0	1.0	2027	
52. 52nd Year	1.0	1.0	2028	
53. 53rd Year	1.0	1.0	2029	
54. 54th Year	1.0	1.0	2030	

## Woburn Ley-arable 1977c

### Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1977c* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 36 - 36



**TREATMENTS per acre (hectare)**  
 FYM residues (L)  
 - d 12 None, FYM residues - last applied 1966

**BASAL MANURING per acre (hectare)**  
 Barley: 270lb (300kg) compound fertiliser (0:20:20) a.d.  
 Ley with N: 74 kg (66 lb) N, 47 kg (42 lb) K<sub>2</sub>O as (25:0:16) applied in the spring and after each cut except the last

Ley with clover: 48 kg (43 lb) K<sub>2</sub>O as muriate of potash in the spring and after each cut except the last.

**Cropping Barley** Variety: Julia (dressed with alkalimol) Sow date: 14th Feb (162kg) Date: 8 Apr  
 Lm Ley with N } resown in autumn 1976  
 Lc Ley with clover } after failure of spring sowing

**Nitrogen to Barley**  
 - 1, 2, 3 None, 0.4, 0.8, 1.2 cut N/acre  
 (50, 100, 150 kg/ha) as Nitro-chalk 25

**BASAL APPLICATION to Barley only**  
 Aldicarb at 10kg/ha (9lb/acre)

**PLOT AREA**  
 Barley: 14' x 30' = 0.0096 acre (0.0039 ha)  
 Harvested: 9'4" x 30' = 0.0064 acre (0.0026 ha)  
 Ley with N and  
 Ley with clover: 27'6" x 64'6" = 0.0407 acre (0.0165 ha)