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Collection of Plans for the Woburn Ley-arable Experiment

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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

ARABLE AND LEY ROTATION
Barley Block 3

WOBURN

331	2	1	B	3	2	1	1
d12	4	3					
371	1	2	B	2	2	1	d12
3	3	1				3	
411	1	2	B	3	2	3	d12
3	1	3				2	
461	1	1	B	1	2	2	d12
3	2	3				1	

TREATMENTS per acre (hectare)

FYM residues (L) - d 12 Nona, FYM-residues - last applied 1966

Cropping Barley
B Variety: Julia (dressed with
ettirind) Sowdr: 145 lb (162 kg)
Date: 8 Apr
L N Ley with N } resown in autumn 1976
L C Ley with clover } after failure of spring sowing

Nitrogen to Barley

- 1, 2, 3	None, 0.4, 0.8, 1.2 cwt N/cere
	(50, 100, 150 kg/ha) Was Nitro-chalk 25

BASAL APPLICATION to Barley only
Aldicarb at 10kg/ha. (9% a.c.a.)

Hand-drawn diagram of a 4x4 grid with handwritten numbers and letters. The grid is labeled "Ln5AL" and "Lc5ALHC". It contains various numbers (35, 36, 39, 40, 41, 42, 43, 47) and letters (A, B, L, C) in circles. Dimensions are given as 27'6" and 64'6".

35	36	39	40	41	42	43	47
d12	Ln5AL	1	2	3	4	5	—
39	—	1	2	3	4	5	—
d12	—	1	2	3	4	5	—
43	—	1	2	3	4	5	—
47	—	1	2	3	4	5	—

Dimensions: 27'6" (width), 64'6" (length). Labels: Ln5AL, Lc5ALHC. Circled letters: A, B, L, C. Dimensions: 27'6", 64'6".

BASAL MANURING per acre (hectare)

Barley:
Ley with N:
270 lb (300 kg) compound fertiliser (0:20:20) &c.
74 kg (66 lb) N, 47 kg (42 lb) K₂O as (25:0:16) applied
in the spring and after each cut except the
last

LEY with clover: 48 kg (43 lb) K_2O as muriate of potash in the Spring and after each cut except the last.

PLOT AREA

Barley: $14' \times 30' = 0.0096$ acre (0.0039 ha)
Harvested: $9'4'' \times 30' = 0.0064$ acre (0.0026 ha)
Ley with N and
Ley with clover: $27'6'' \times 64'6'' = 0.0407$ acre (0.0165 ha)