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ROTHAMSTED
RESEARCH

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	1968	
2. 2nd Year	1000	0.023	1969	
3. 3rd Year	1000	0.023	1970	
4. 4th Year	1000	0.023	1971	
5. 5th Year	1000	0.023	1972	
6. 6th Year	1000	0.023	1973	
7. 7th Year	1000	0.023	1974	
8. 8th Year	1000	0.023	1975	
9. 9th Year	1000	0.023	1976	
10. 10th Year	1000	0.023	1977	
11. 11th Year	1000	0.023	1978	
12. 12th Year	1000	0.023	1979	

Woburn Ley-arable 1968

Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1968* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 12 - 12

101
STACKYARD 31st year 1968.

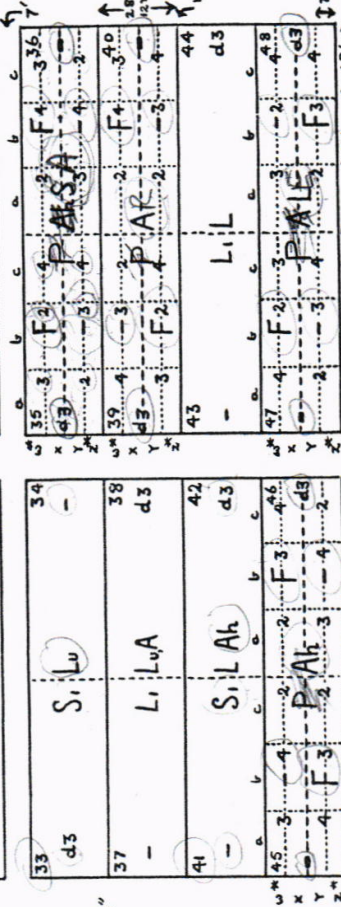
Woburn
WLA

ARABLE & LEY ROTATIONS

1 d4	R*Ah	-2
5 d4	R:A	-6
9 d4	L2:LuAh	d4
13 d4	L2:L	-14
17 d5	H:Ah	d5
21 d5	S3:LAh	-22
25 d5	H:ALu	-26
29 d5	S3:Lu	d5

3 -	S2:Lu	d4
7 -	R*AL	d8
11 d4	R:AhLu	-12
15 -	S2:LA	d4

19 -	C:AR	d20
23 -	C:AhL	d5
27 -	L3:LuA	d5
31 -	L3:L	d5



SYMBOLS

Rotations
3 years ARABLE
3 years LEY

Treatment Crops
A = Potatoes P, Rye R, Carrots C.
Ah = Potatoes P, Rye 1/2 R, Hay H.
S = Sainfoin cut for hay (Lu = Lucerne)

L = Ley grazed
1967, 68 Sugar Beet, Barley } In 4th
1968, 69 Barley, Potatoes } & 5th years.

TEST CROPS

TREATMENTS :-

Treatment potatoes 1968:
Fungicides -, F Nona, Chloropicrin in autumn 1967
Nitrogen 2,3,4 10cut, 15cut, 20cut N as Nitro-chalk
Sub-plots with 2* tubers dusted with thiram before planting

1st test crop barley 1968:
Nitrogen after arable 1,2,3,4. 0.4cut, 0.8cut, 1.2cut, 1.6cut N.
Nitrogen after Ley and Sainfoin -, 1, 2, 3. Nona, 0.4cut, 0.8cut, 1.2cut
N as Nitro-chalk.

ALL CROPS:

FYM -, d Residuals of nona v 15 tons FYM applied
to sugar beet 1962-7. No fresh applications for 1968 crops,
but fresh test resumes for 2nd test crop potatoes in 1969.

BLOCK 4 1ST TEST

65 -	P(LE)	L	66
69 -	A(AH)	LuAh	d2
73 d2	P(Ah)	A	74
77 d2	A(Ah)	LA	-78

CROP BARLEY

67 d2	P(AH)	Ah	68
71 -	A(SA)	AhS	d2
75 d2	A(LE)	AL	-76
79 -	P(SA)S	S	d2

BLOCK 4 1ST TEST CROP BARLEY

49 3	-	1	2	50
46 2	1	3	-	-
53 4	2	3	1	54
3	1	2	4	d6
57 3	-	2	3	58
61 1	3	4	3	62
2	4	1	2	d6