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RESEARCH

# Collection of Plans for the Woburn Ley-arable Experiment

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Plan	Year	Rotation	Area (Acres)	Soil	Notes
1	1968	Woburn Ley-arable	100	Woburn	
2	1969	Woburn Ley-arable	100	Woburn	
3	1970	Woburn Ley-arable	100	Woburn	
4	1971	Woburn Ley-arable	100	Woburn	
5	1972	Woburn Ley-arable	100	Woburn	
6	1973	Woburn Ley-arable	100	Woburn	
7	1974	Woburn Ley-arable	100	Woburn	
8	1975	Woburn Ley-arable	100	Woburn	
9	1976	Woburn Ley-arable	100	Woburn	
10	1977	Woburn Ley-arable	100	Woburn	
11	1978	Woburn Ley-arable	100	Woburn	
12	1979	Woburn Ley-arable	100	Woburn	

## 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.

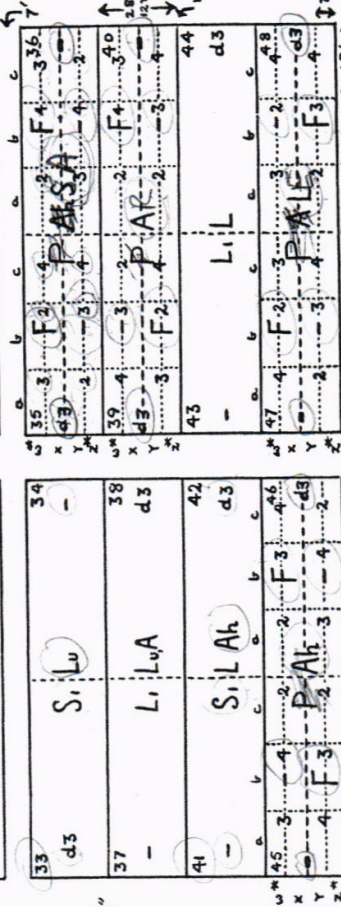
Woburn  
WLA

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



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

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

SYMBOLS

Rotations  
3 years ARABLE  
3 years LEY

TEST CROPS

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.

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 -1, 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.

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

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

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
16 2	1	1	-	-
61 1	3	4	3	62
2	4	1	2	d6

51 3	1	2	3	52
-	-	-	-	d6
55 1	3	3	2	56
2	4	1	4	d6
59 1	-	2	3	60
16 2	3	-	-	-
63 1	2	1	4	64
Y	d6	3	2	d6