

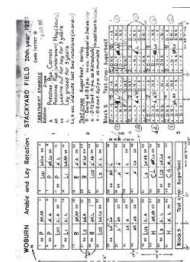
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Collection of Plans for the Woburn Ley-arable Experiment

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WOBURN ARABLE AND LEY ROTATIONS - STATIONARY FIELD EXPERIMENT

Year	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
1	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable
2	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley
3	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable
4	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley
5	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable
6	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley
7	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable
8	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley
9	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable
10	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley
11	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable
12	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley
13	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable
14	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley
15	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable
16	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley
17	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable
18	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley
19	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable
20	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley	Arable	Ley

Woburn Ley-arable 1969a

Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1969a* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 13 - 13

WOBURN
69/W/RN/3

ARABLE & LEY ROTATIONS

STACKYARD 32nd year 1969 201 A.

SYMBOLS
Rotations

01 d5	H Ah	-02
05 d5	C A	-06
09 -	L3 LuAh	d5 ¹⁰
13 d5	L3 L	-14

03 -	S3 Lu	d6 ⁴
07 -	H AL	d5 ⁸
11 d5	C AhLu	-12
15 -	S3 LA	d5 ¹⁶

Blk
1

1st TEST CROP BARLEY LEY

171	1	2	3	1181	2	12	1	d6
33	4	2	2	3	3	4	4	
211	1	2	2	221	2	1	2	
d6	3	4	4	3	-	4	3	
251	1	2	3	261	4	2	3	
d6	2	4	4	3	1	4	2	
291	1	2	3	301	3	2	-	d6
3	-	4	2	3	1	4	2	

2nd TEST CROP BARLEY

191	1	2	4	201	4	2	2	d6
3	2	4	3	3	1	4	3	
231	1	2	2	241	4	2	1	d6
3	3	4	4	3	2	4	3	
271	3	2	2	281	1	2	2	d6
3	1	4	-	3	3	4	-	
311	2	2	1	321	-	2	3	d6
3	-	4	3	3	2	4	1	

33	d4	S2 Lu	34	-
37	-	L2 LuA	38	d4
41	-	S2 LAh	42	d4
451	-	R Ah	461	f d4
2	f	-	-	d4

351	f	R Ah	361	f	361
2	-	-	-	-	2
391	d4	-	R Ah	f	401
-	f	-	-	-	2
43	-	L2 L	44	d4	
471	f	R Ah	481	f	481
2	-	-	-	-	d4

BARLEY LEY

49 d7	50	AhL	-50	d752
53 -	54	Ah	d754	
57 d7	58	L	-58	
61 -	62	LUA	d762	

51 -	AS	d752
55 -	LAh	d756
59 d7	S	-60
63 d7	A	-64

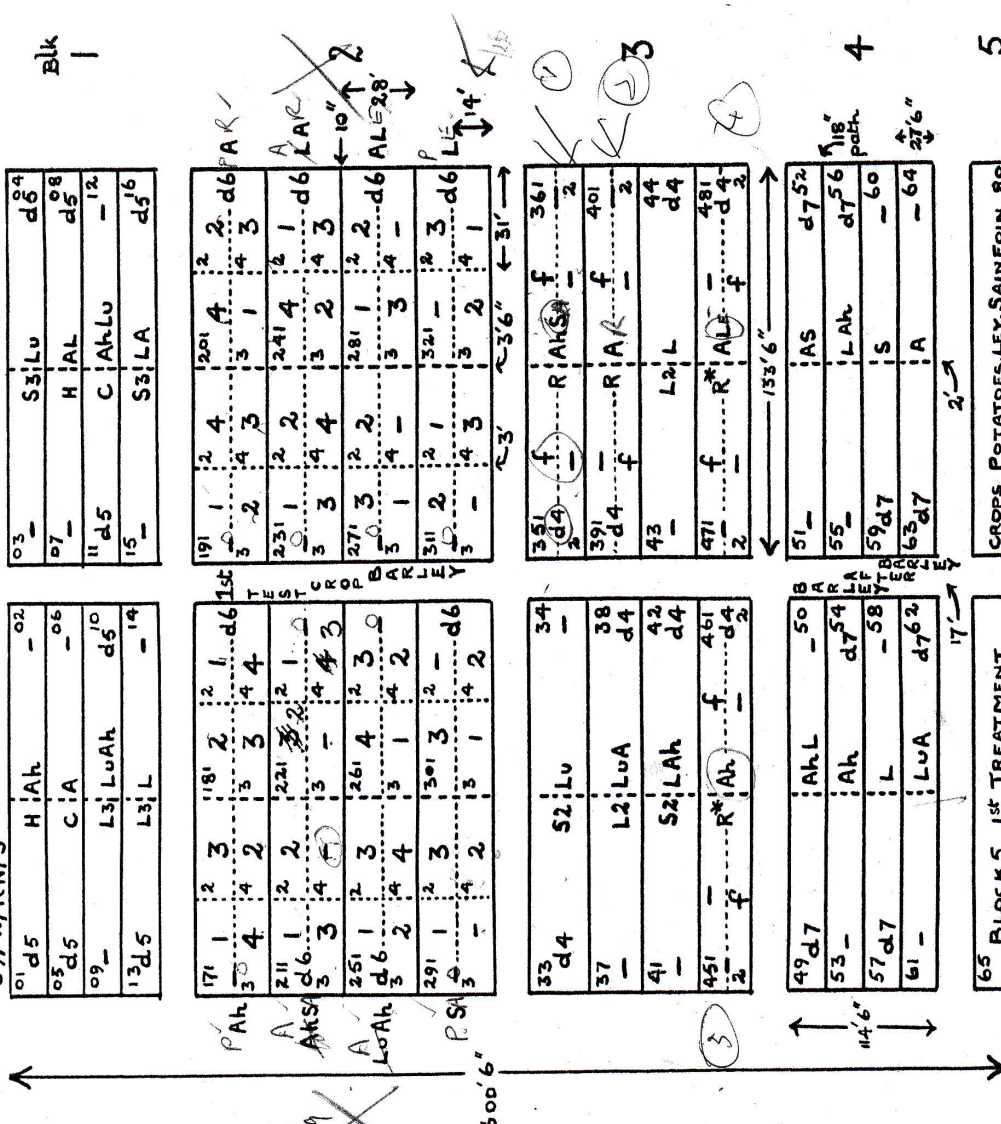
65 BLOCKS 1st TREATMENT

CROPS POTATOES, LEY, SAINFOIN 80

For plot treatments see

Separate plan 201B

284'



3 years ARABLE A = Potatoes P, Rye R, Carrots C.
Ah = Potatoes P, Rye R*, Hay H.
S = Sainfoin cut for hay (Lu = Lucerne)
L1 & L2 = Ley cut, L3 = Ley grazed

3 years LEY

TEST CROPS In 4th and 5th years.

1st Test crop Sugar beet
Barley

2nd Test crop Barley
Barley

1967 Barley sown: Mar 24. Barley sown: Mar 24
1968 Barley sown: Mar 24. Barley sown: Mar 24
1969 Barley sown: Mar 24. Barley sown: Mar 24

TREATMENTS:-
1st Test crop barley 1969 0.8 cut
Nitrogen after arable 1,2,3,4 0.4 cut / 1.2 cut, 1.6 cut N.
Nitrogen after ley and sainfoin -, 1,2,3 None, 0.4 cut
0.8 cut, 1.2 cut N as 'Nitro-chalk'.
Residues of fumigant applied to potatoes 1968 now rye.
-, f None, chloropicrin in autumn 1967.
BASAL MANURING per acre for test crops and rye.
1st test crop barley - 0.5 cut P₂O₅, 0.5 cut K₂O as (0:20:20).
2nd test crop barley - 0.5 cut N, 0.5 cut P₂O₅, 0.5 cut K₂O as (15:15:15).
Rye - 0.3 cut N as 'Nitro-chalk', 0.3 cut P₂O₅, 0.6 cut K₂O as (0:14:28)

ALL crops:-
FYM -, d Residuals of none v 15 tons FYM applied to Sugar beet 1962-67.
Varieties Barley: Moris Badger, Potatoes: Moris Piper