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Collection of Plans for the Woburn Ley-arable Experiment

[Full Table of Content](#)



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

→ N

STACKYARD 32nd year 1969

201 A.

01 d5	H Ah	- 02
05 d5	C A	- 06
09 -	L3 LuAh	d6 ¹⁰
13 d5	L3 L	- 14

03 -	S3 Lu	d6 ⁴
07 -	H AL	d5 ⁰⁸
11 d5	C Ah Lu	- 12
15 -	S3 LA	d5 ¹⁶

171	1	2	3	118'	2	12	1	d6
173	3	4	2	3	3	4	4	
211	1	2	2	221	2	1	2	
213	3	4	2	3	3	4	3	
251	1	2	3	261	4	2	3	0
253	3	4	2	3	1	4	2	
291	1	2	3	301	3	2	-	d6
293	3	4	2	3	1	4	2	

191	1	2	4	201	4	2	2	d6
193	3	4	3	3	1	4	3	
231	1	2	2	241	4	2	1	d6
233	3	4	4	3	2	4	3	
271	1	2	2	281	1	2	2	d6
273	3	4	-	3	3	4	-	
311	1	2	1	321	-	2	3	d6
313	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
453	2	f	463	- d4

351	f	R Ah	361	f
353	2	-	363	2
391	d4	-	401	f
393	-	R Ah	403	2
43	-	L2 L	44	d4
471	f	R* AL	481	f
473	2	-	483	- d4

49 d7	50	Ah L	51	-
53 -	d7	Ah	54	d7
57 d7	-	L	58	-
61 -	d7	LUA	62	d7

51 -	AS	d7	52	d7
55 -	LAh	d7	56	d7
59 d7	S	-	60	-
63 d7	A	-	64	-

65 BLOCKS 1st TREATMENT	17'
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CROPS POTATOES, LEY, SAINFOIN 80	2'
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For plot treatments see separate plan 201B

← 284' →

Blk

SYMBOLS

Rotations

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

TEST CROPS In 4th and 5th years.

1st Test crop

2nd Test crop

1967 Sugar beet

1968 Barley

1969 Barley sown: Mar 24. Barley sown: Mar 24

TREATMENTS:-

1st Test crop barley 1969

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: Maris Badger, Potatoes: Maris Piper