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ROTHAMSTED
RESEARCH

Collection of Plans for the Woburn Ley-arable Experiment

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The thumbnail image shows a table titled "WOBURN ARABLE AND LEY ROTATIONS" with columns for "STOCKING FIELD IN 1958", "CROPPING", "SOWING DATE", "CULTIVATION", "FERTILISER", "IRRIGATION", "PLOWING", "DISKING", "HARROWING", "SOWING", "CULTIVATION", "HARROWING", "MOWING", "CUTTING", "DRESSING", "SOWING", "CULTIVATION", "HARROWING", "MOWING", "CUTTING", "DRESSING", "SOWING", "CULTIVATION", "HARROWING", "MOWING", "CUTTING", "DRESSING". The table contains detailed experimental plans for various treatments and rotations.

Woburn Ley-arable 1958

Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1958* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 2 - 2

Woburn Arable and Ley Rotation

STACKYARD 21st year 1958

TREATMENT SYMBOLS

Rotation	Crops
A	Potatoes, Rye, Carrots
Ah	Potatoes, Rye (undersown) Hay (2 cuts)
Lu	Lucerne cut for hay for 3 years
L	Ley grazed for 3 years

Lu, A etc. indicate last two rotations (in order)

Test Crops Sugar beet, barley

D Dung at 15 t.p.a. D2, etc. residual in 2nd.e
 N 0.72 cwt N p.a as Nitro-Chalk } in additio
 K 0.9 cwt K₂O p.a as muriate } basal man

Block 4 TEST

Block 4 TEST CROP SUGAR BEET

49 DN	50 - NK
X DNK	- NK
Y D	- K
Z D-K	- N
53 - NK	54 W D-K
X - K	Ah D
Y -	Ah DNK
Z - N	- Z DN
57 DNK	58 W - K
X D	- L
Y D-K	- NK
Z DN	- N
61 W - NK	62 W D
X -	- L, Ah DNK
Y - K	- DN
Z - N	- Z D-K

59 W - N	52 DNK
X - NK	Ah L D
Y -	- K D-K
Z - K	- Z DN
55 W - K	56 W DNK
X - N	A D-N
Y - NK	A D-K
Z -	- Z D
59 W D-K	60 W - K
X DN	Lu - NK
Y D	- Lu - NK
Z DNK	- Z - NK
63 W D	64 W - K
X DN	- A A - N
Y D-K	- K - NK
Z DNK	- Z - NK

Block 4 TEST CROP SUGAR BEET

65	L L L 1	D2 66
69	L A L 4	D2 70
73 D2	A A 4	74
77 D2	Lu Lu Ah 3	78

CROP: SUGAR BEET

67 D2	3 Ah, Ah	3 68
71	A L 1	D2 72
75 D2	Ah Lu 2	76
79	Lu Lu 2	D2 80

BARLEY

18"	170"	280"	284'0"
60'6"	170"	65'9"	24'9"
76"	2'0"	65'9"	24'9"

Arable and Ley Rotation

Block 4 TEST

1 D4	R	Ah, Ah	2
5 D4	R	A A	6
9	Lu2	L, A D4	10
13 D4	L2	L, L	14
17	H	Ah, Ah D5	18
21 D5	L3	Lu, A	22
25 D5	C	L, Ah, L C	26
29	Lu3	Lu, Lu D5	30
33 D3	Lu1	Lu, Lu	34
37	Lu1	L Ah D3	38
41	L1	Lu, A D3	42
45	P	Ah, Ah D3	46

3	Lu2	Lu, Lu D4	4
7	R	Ah, Lu D4	8
11 D4	R	A L	12
15	L2	Lu, Ah D4	16
19	C	A, A, C D5	20
23	H	A, Lu D5	24
27	(Lu3)	L Ah D5	28
31	L3	L, L D5	32
35 D3	P	Ah, L	36
39 D3	P	A, A	40
43	L1	L L D3	44
47	P	A, Lu D3	48

Block 4 TEST

65	L L L 1	D2 66
69	L A L 4	D2 70
73 D2	A A 4	74
77 D2	Lu Lu Ah 3	78

CROP: SUGAR BEET

67 D2	3 Ah, Ah	3 68
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