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ROTHAMSTED  
RESEARCH

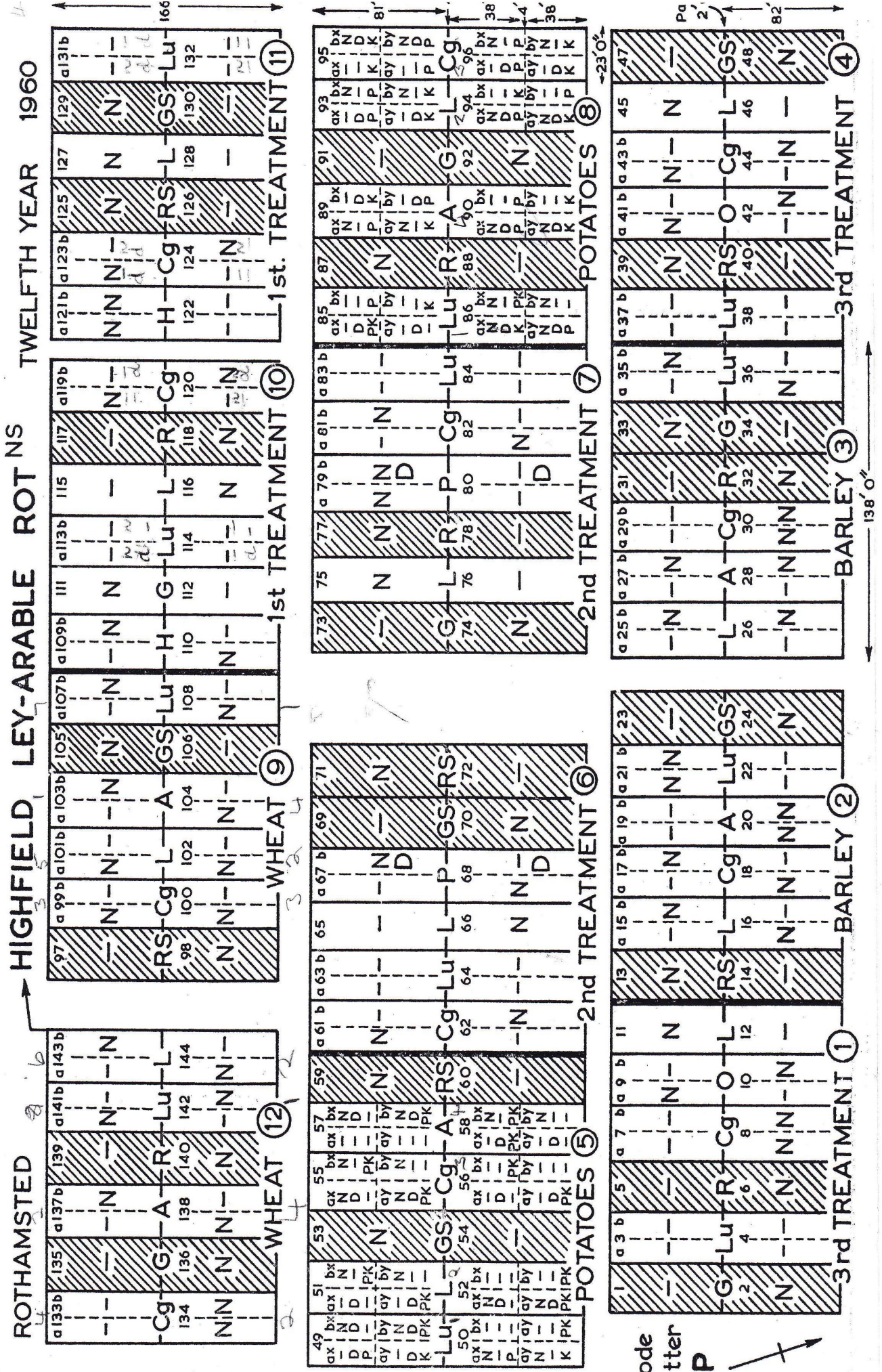
# Collection of Plans for the Highfield Ley-arable Experiment

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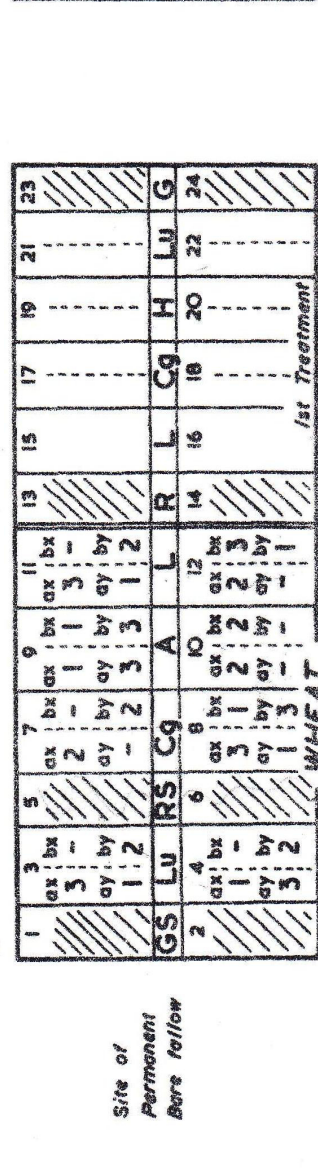
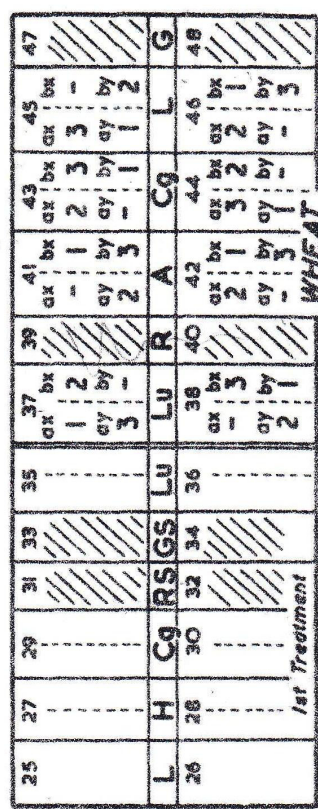
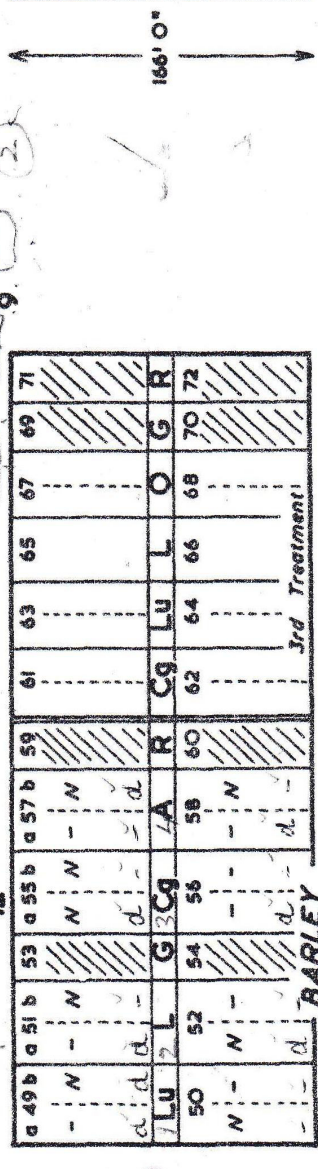
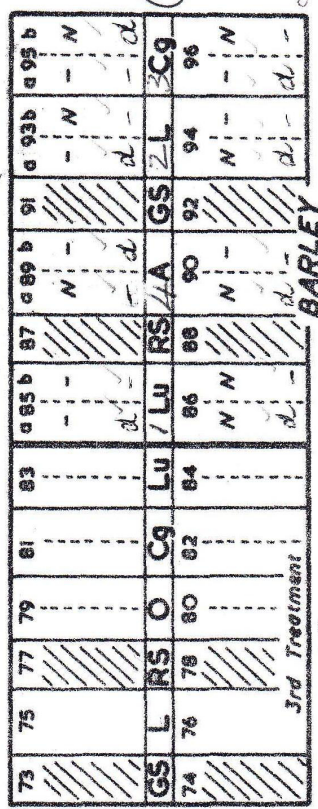
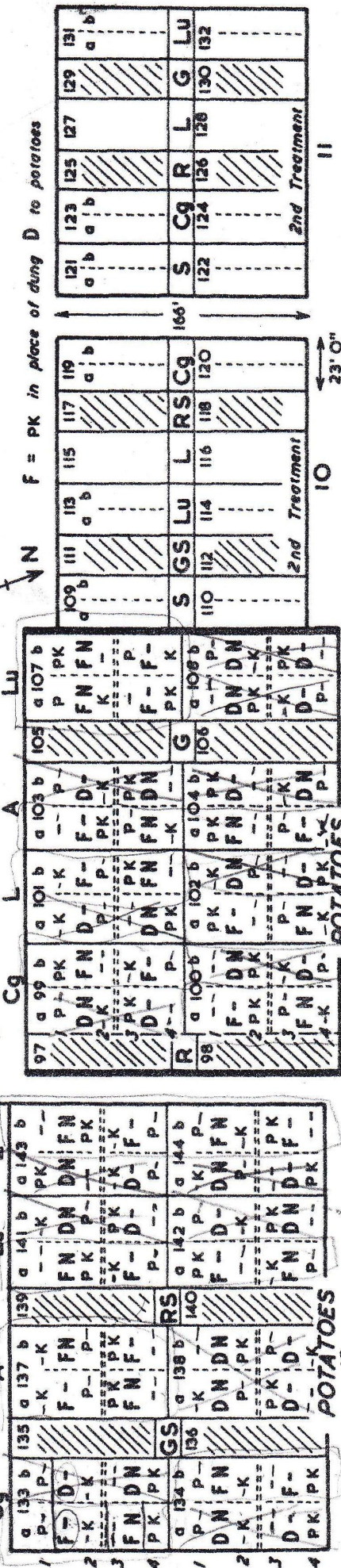
## Highfield Ley-arable 1960-69

### Rothamsted Research

Rothamsted Research (1949-1990) *Highfield Ley-arable 1960-69* ; Collection Of Plans For The Highfield Ley-Arable Experiment, pp 12 - 21



Rothamsted 4 HIGHFIELD ZEY - ARABLE ROTATIONS 4 Code letter P 13th Year 1961



Site of Permanent Bars follow

Rothamsted: LEY - ARABLE Rotations

HIGHFIELD

14th Year: 1962

133 ax:bx - ay:by 2 3	137 ax:bx 2 3 ay:by - 1	141 ax:bx 1 3 ay:by 3 1	143 ax:bx 2 3 ay:by - 1	121b a123b	125 Rs	127 a129b a131b G n c
134 ax:bx - ay:by 2 3	138 ax:bx 2 3 ay:by - 1	142 ax:bx - ay:by 2 3	144 ax:bx - ay:by 2 3	O Cg	L	LU
135b G n c	139 R	140 R	144 R	a122b a124b	126 Rs	128 a130b a132b G n c

97 Rs	99 ax:bx 2 3 ay:by - 1	101 ax:bx 2 3 ay:by - 1	103 ax:bx 3 3 ay:by 1 3	105b G n c	107 ax:bx - ay:by 3 2 1	115 R	117 a119b
98 Rs	100 ax:bx 1 3 ay:by 3 3	102 ax:bx 1 3 ay:by 2 1	104 ax:bx 2 2 ay:by - 1	106b G n c	108 ax:bx 2 2 ay:by - 3	116 R	118 a120b
99 Rs	101 ax:bx 2 3 ay:by - 1	103 ax:bx 3 3 ay:by 1 3	105b G n c	107 ax:bx - ay:by 3 2 1	109b G n c	115 R	117 a119b

73b G n c	75 ax:bx 2 1 ay:by - 3	77 R	79 ax:bx 2 1 ay:by - 3	81 ax:bx 3 2 ay:by - 1	83 ax:bx 1 1 ay:by 3 2	85b	87 R	89b a91b a93b a95b G n c
74b G n c	76 ax:bx 3 2 ay:by - 1	78 R	80 ax:bx 1 1 ay:by 3 2	82 ax:bx - ay:by 2 1	84 ax:bx 1 2 ay:by - 3	86b	88 R	90b a92b a94b a96b G n c
75 G n c	77 R	79 ax:bx 2 1 ay:by - 3	81 ax:bx 3 2 ay:by - 1	83 ax:bx 1 1 ay:by 3 2	85b	87 R	89b a91b a93b a95b G n c	

51b a53b a57b	53b G n c	55b G n c	57b G n c	59 Rs	61 ax:bx 1 2 ay:by 3 3	63 ax:bx 2 3 ay:by - 1	65 ax:bx 3 2 ay:by - 1	67 ax:bx 2 2 ay:by - 2	69b G n c	71 Rs
52b a54b a58b	54b G n c	56b G n c	58b G n c	60 Rs	62 ax:bx 2 1 ay:by - 3	64 ax:bx 1 1 ay:by 3 2	66 ax:bx - ay:by 3 2	68 ax:bx 3 3 ay:by 1 1	70b G n c	72 Rs
53b G n c	55b G n c	57b G n c	59 Rs	61 ax:bx 1 2 ay:by 3 3	63 ax:bx 2 3 ay:by - 1	65 ax:bx 3 2 ay:by - 1	67 ax:bx 2 2 ay:by - 2	69b G n c	71 Rs	73 Rs

133 ax:bx - ay:by 2 3	137 ax:bx 2 3 ay:by - 1	141 ax:bx 1 3 ay:by 3 1	143 ax:bx 2 3 ay:by - 1	121b a123b	125 Rs	127 a129b a131b G n c
134 ax:bx - ay:by 2 3	138 ax:bx 2 3 ay:by - 1	142 ax:bx - ay:by 2 3	144 ax:bx - ay:by 2 3	O Cg	L	LU
135b G n c	139 R	140 R	144 R	a122b a124b	126 Rs	128 a130b a132b G n c

97 Rs	99 ax:bx 2 3 ay:by - 1	101 ax:bx 2 3 ay:by - 1	103 ax:bx 3 3 ay:by 1 3	105b G n c	107 ax:bx - ay:by 3 2 1	115 R	117 a119b
98 Rs	100 ax:bx 1 3 ay:by 3 3	102 ax:bx 1 3 ay:by 2 1	104 ax:bx 2 2 ay:by - 1	106b G n c	108 ax:bx 2 2 ay:by - 3	116 R	118 a120b
99 Rs	101 ax:bx 2 3 ay:by - 1	103 ax:bx 3 3 ay:by 1 3	105b G n c	107 ax:bx - ay:by 3 2 1	109b G n c	115 R	117 a119b

73b G n c	75 ax:bx 2 1 ay:by - 3	77 R	79 ax:bx 2 1 ay:by - 3	81 ax:bx 3 2 ay:by - 1	83 ax:bx 1 1 ay:by 3 2	85b	87 R	89b a91b a93b a95b G n c
74b G n c	76 ax:bx 3 2 ay:by - 1	78 R	80 ax:bx 1 1 ay:by 3 2	82 ax:bx - ay:by 2 1	84 ax:bx 1 2 ay:by - 3	86b	88 R	90b a92b a94b a96b G n c
75 G n c	77 R	79 ax:bx 2 1 ay:by - 3	81 ax:bx 3 2 ay:by - 1	83 ax:bx 1 1 ay:by 3 2	85b	87 R	89b a91b a93b a95b G n c	

51b a53b a57b	53b G n c	55b G n c	57b G n c	59 Rs	61 ax:bx 1 2 ay:by 3 3	63 ax:bx 2 3 ay:by - 1	65 ax:bx 3 2 ay:by - 1	67 ax:bx 2 2 ay:by - 2	69b G n c	71 Rs
52b a54b a58b	54b G n c	56b G n c	58b G n c	60 Rs	62 ax:bx 2 1 ay:by - 3	64 ax:bx 1 1 ay:by 3 2	66 ax:bx - ay:by 3 2	68 ax:bx 3 3 ay:by 1 1	70b G n c	72 Rs
53b G n c	55b G n c	57b G n c	59 Rs	61 ax:bx 1 2 ay:by 3 3	63 ax:bx 2 3 ay:by - 1	65 ax:bx 3 2 ay:by - 1	67 ax:bx 2 2 ay:by - 2	69b G n c	71 Rs	73 Rs

133 ax:bx - ay:by 2 3	137 ax:bx 2 3 ay:by - 1	141 ax:bx 1 3 ay:by 3 1	143 ax:bx 2 3 ay:by - 1	121b a123b	125 Rs	127 a129b a131b G n c
134 ax:bx - ay:by 2 3	138 ax:bx 2 3 ay:by - 1	142 ax:bx - ay:by 2 3	144 ax:bx - ay:by 2 3	O Cg	L	LU
135b G n c	139 R	140 R	144 R	a122b a124b	126 Rs	128 a130b a132b G n c

97 Rs	99 ax:bx 2 3 ay:by - 1	101 ax:bx 2 3 ay:by - 1	103 ax:bx 3 3 ay:by 1 3	105b G n c	107 ax:bx - ay:by 3 2 1	115 R	117 a119b
98 Rs	100 ax:bx 1 3 ay:by 3 3	102 ax:bx 1 3 ay:by 2 1	104 ax:bx 2 2 ay:by - 1	106b G n c	108 ax:bx 2 2 ay:by - 3	116 R	118 a120b
99 Rs	101 ax:bx 2 3 ay:by - 1	103 ax:bx 3 3 ay:by 1 3	105b G n c	107 ax:bx - ay:by 3 2 1	109b G n c	115 R	117 a119b

73b G n c	75 ax:bx 2 1 ay:by - 3	77 R	79 ax:bx 2 1 ay:by - 3	81 ax:bx 3 2 ay:by - 1	83 ax:bx 1 1 ay:by 3 2	85b	87 R	89b a91b a93b a95b G n c
74b G n c	76 ax:bx 3 2 ay:by - 1	78 R	80 ax:bx 1 1 ay:by 3 2	82 ax:bx - ay:by 2 1	84 ax:bx 1 2 ay:by - 3	86b	88 R	90b a92b a94b a96b G n c
75 G n c	77 R	79 ax:bx 2 1 ay:by - 3	81 ax:bx 3 2 ay:by - 1	83 ax:bx 1 1 ay:by 3 2	85b	87 R	89b a91b a93b a95b G n c	

51b a53b a57b	53b G n c	55b G n c	57b G n c	59 Rs	61 ax:bx 1 2 ay:by 3 3	63 ax:bx 2 3 ay:by - 1	65 ax:bx 3 2 ay:by - 1	67 ax:bx 2 2 ay:by - 2	69b G n c	71 Rs
52b a54b a58b	54b G n c	56b G n c	58b G n c	60 Rs	62 ax:bx 2 1 ay:by - 3	64 ax:bx 1 1 ay:by 3 2	66 ax:bx - ay:by 3 2	68 ax:bx 3 3 ay:by 1 1	70b G n c	72 Rs
53b G n c	55b G n c	57b G n c	59 Rs	61 ax:bx 1 2 ay:by 3 3	63 ax:bx 2 3 ay:by - 1	65 ax:bx 3 2 ay:by - 1	67 ax:bx 2 2 ay:by - 2	69b G n c	71 Rs	73 Rs

Site of permanent bare, fallow

HIGHFIELD 1963

Code letter: HLA

15th Year

Rotations

LEY ARABLE

a135b	a137b	a139b	a141b	a143b
G c n	R c n	H	Lu	Lc
134	136	138	140	142
G c n	R c n			
12 1st Treatment				

a97b	a99b	a101b	a103b	a105b	a107b
R c n	G n c	G n c	G n c	G n c	A
109	111	113	115	117	119
ax bx 2 3	ax bx 2 3	ax bx 3 -	ax bx 2 3	ax bx 2 3	ax bx 2 3
ay by - 1	ay by - 1	ay by 1 2	ay by 1 2	ay by 1 2	ay by 1 2
10 WHEAT Lu					

121	123	125	127	a129b	131
ax bx - 3	ax bx 2 1	ax bx - 3	ax bx - 1	G	ax bx 2 2
ay by 2 1	ay by - 3	ay by - 3	ay by - 3	n c	ay by - 1
11 WHEAT A					

a49b	a51b	a53b	a55b	a57b	59
Lu	Lc	Lu	Sb		R
50	52	54	56	58	60
G n c	G n c	G n c	G n c	G n c	R
2nd Treatment					

a61b	a63b	a65b	a67b	a69b	a71b
F-DN PK	D-F PK	F-D PK	F-D PK	G	R
72	70	G	R	n c	n c
7 POTATOES Lu					

a73b	a75b	a77b	a79b	a81b	a83b
G	F-DN PK	R	F-DN PK	F-DN PK	F-DN PK
87	85	83	81	79	77
ax bx a89b	ax bx a87b	ax bx a85b	ax bx a83b	ax bx a81b	ax bx a79b
ay by a91b	ay by a89b	ay by a87b	ay by a85b	ay by a83b	ay by a81b
8 2nd Treatment					

a87b	a89b	a91b	a93b	a95b
Rs	Lu	Sb	Lc	Ln
88	90	92	94	96
ax bx 87	ax bx 85	ax bx 83	ax bx 81	ax bx 79
ay by 89	ay by 87	ay by 85	ay by 83	ay by 81

a1b	a3b	a5b	a7b	a9b	a11b
G	R	A	L	L	L
2	4	6	8	10	12
ax bx 3 3	ax bx 2 2	ax bx 2 2	ax bx 2 2	ax bx 2 2	ax bx 2 2
ay by - 1	ay by - 2	ay by - 2	ay by - 2	ay by - 2	ay by - 2
1 BARLEY Lu					

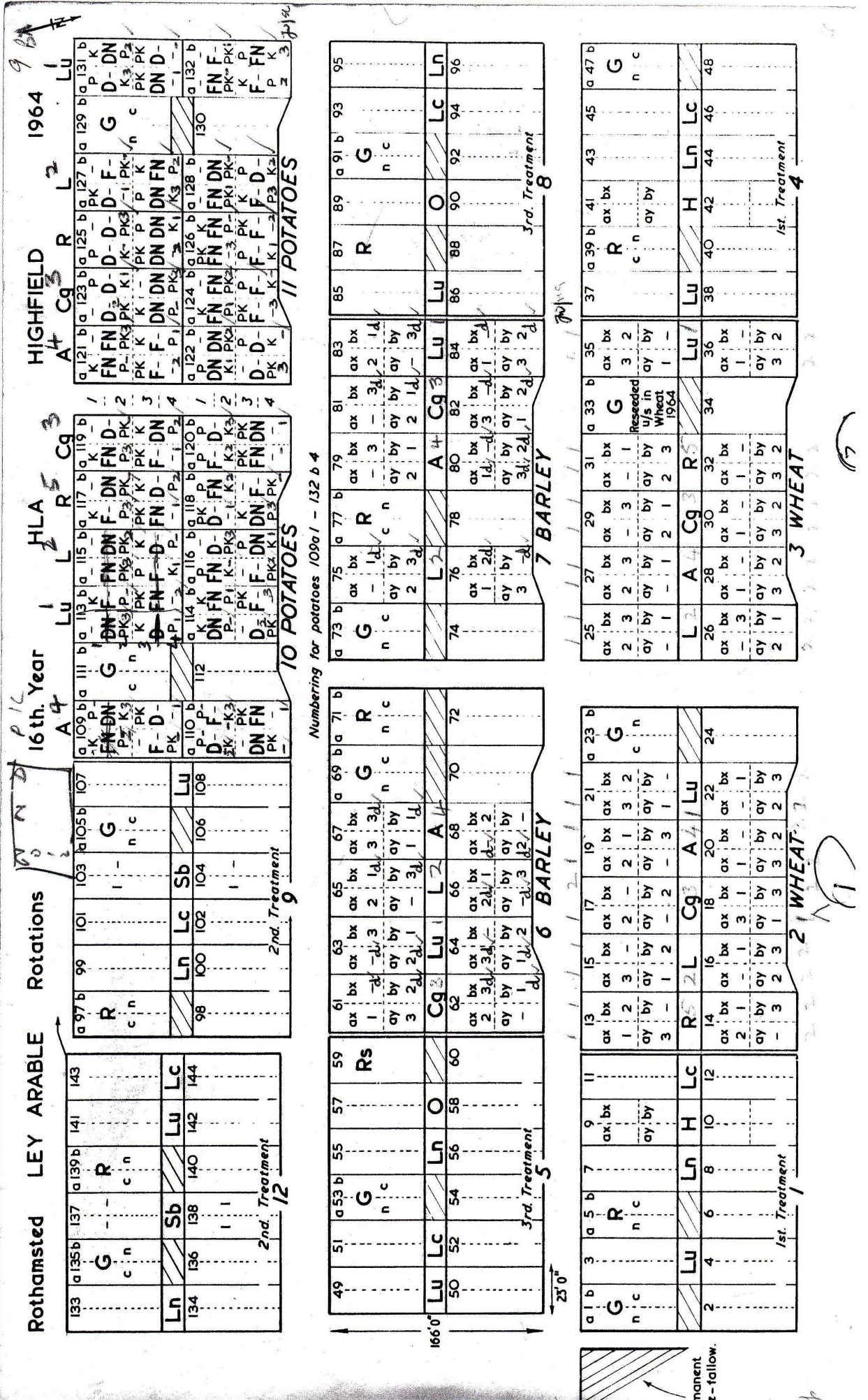
a13b	a15b	a17b	a19b	a21b	a23b
R	R	L	Cg	Lu	G
13	15	17	19	21	23
ax bx 11	ax bx 9	ax bx 7	ax bx 5	ax bx 3	ax bx 1
ay by - 1	ay by - 1	ay by - 1	ay by - 1	ay by - 1	ay by - 1
2 3rd Treatment					

a25b	a27b	a29b	a31b	a33b	a35b
L	O	Cg	Lu	Lu	Lu
25	26	28	30	32	34
ax bx 25	ax bx 26	ax bx 28	ax bx 30	ax bx 32	ax bx 34
ay by - 1	ay by - 1	ay by - 1	ay by - 1	ay by - 1	ay by - 1
3 3rd Treatment					

a37b	a39b	a41b	a43b	a45b	a47b
ax bx - 3	R	R	A	Cg	L
37	39	41	43	45	47
ax bx 37	ax bx 39	ax bx 41	ax bx 43	ax bx 45	ax bx 47
ay by - 1	ay by - 1	ay by - 1	ay by - 1	ay by - 1	ay by - 1
4 BARLEY Lu					

G = *Green*  
P = *Perennial*  
N = *N*  
BMP = *BMP*

Remainder  
Barley



Rothamsted LEY - ARABLE 17th Year HLA HIGHFIELD 1965

15 k

133	135	137	139	141	143
Ln	G n	O	R n	Lu	Lc
134	136	138	140	142	144
	3rd Treatment	12			

97 <sup>b</sup>	99	101	103	105	107
R n	Ln	Lc	O	G n	Lu
98	100	102	104	106	108
	3rd Treatment	9			

109	111	113	115	117	119
ax:bx	G n	3 2	ax:bx	ax:bx	ax:bx
110	112	114	116	118	120
ax:bx	3 -	ax:bx	ax:bx	ax:bx	ax:bx
111	113	115	117	119	
ax:bx	G n	3 2	ax:bx	ax:bx	
112	114	116	118	120	
ax:bx	3 -	ax:bx	ax:bx	ax:bx	

121	123	125	127	129	131
ax:bx	3 1 2	ax:bx	ax:bx	ax:bx	ax:bx
122	124	126	128	130	132
ax:bx	3 -	ax:bx	ax:bx	ax:bx	ax:bx
123	125	127	129	131	
ax:bx	3 1 2	ax:bx	ax:bx	ax:bx	
124	126	128	130	132	
ax:bx	3 -	ax:bx	ax:bx	ax:bx	

• Winter nitrogen to Wheat.

166'

49	51	53	55	57	59
ax:bx	3 1 2	G n	3 1 3	ax:bx	ax:bx
50	52	54	56	58	60
ax:bx	3 1 2	ax:bx	3 2	ax:bx	ax:bx
51	53	55	57	59	
ax:bx	3 1 2	G n	3 1 3	ax:bx	ax:bx
52	54	56	58	60	
ax:bx	3 1 2	ax:bx	3 2	ax:bx	ax:bx

61	63	65	67	69	71
Ln	Lu	Lc	H	R n	Lu
62	64	66	68	70	72
	1st Treatment	6			

73 <sup>b</sup>	75	77	79	81	83
G n	Lc	R n	ax:bx	Ln	Lu
74	76	78	80	82	84
	1st Treatment	7			

85	87	89	91	93	95
ax:bx	3 1 3	ax:bx	ax:bx	ax:bx	ax:bx
86	88	90	92	94	96
ax:bx	3 2	ax:bx	ax:bx	ax:bx	ax:bx
87	89	91	93	95	
ax:bx	3 1 3	ax:bx	ax:bx	ax:bx	
88	90	92	94	96	
ax:bx	3 2	ax:bx	ax:bx	ax:bx	

Perm. bare fallow

1	3	5	7	9	11
ax:bx	G n	ax:bx	R n	F n	Lc
2	4	6	8	10	12
			2nd Treatment		
13	15	17	19	21	23
F F	F D	F D	F D	F D	G n
14	16	18	20	22	24
D D	F D	F D	F D	F D	

25	27	29	31	33	35
D F	F F	F D	F D	(G) D	D D
26	28	30	32	34	36
F D	D D	F D	F D	F F	F F
27	29	31	33	35	
L A	C 9	R		Lu	
28	30	32	34	36	
F D	F D	F D	F D	F F	

37	39	41	43	45	47
Lu	R n	S b	Ln	Lc	ax:bx
38	40	42	44	46	48
	2nd Treatment	4			

HIGHFIELD 1966 10

HLA

18th Year

LEY - ARABLE

133	135	137	139	141	143
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
Lu	A	A	R	R	LC
134	136	138	140	142	144
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
Lu	A	A	R	R	LC

97	99	101	103	105	107
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
R	LC	LC	A	G	Lu
98	100	102	104	106	108
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
Lu	LC	LC	A	G	Lu

109	111	113	115	117	119
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
H	Lu	Lu	LC	R	Lr
110	112	114	116	118	120
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
H	Lu	Lu	LC	R	Lr

121	123	125	127	129	131
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
H	Lr	R	LC	G	Lu
122	124	126	128	130	132
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
H	Lr	R	LC	G	Lu

49	51	53	55	57	59
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
D	D	G	D	F	D
Lu	LC	Lr	A	R	R
50	52	54	56	58	60
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
F	F	D	D	F	F
Lu	LC	Lr	A	R	R

61	63	65	67	69	71
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
Lr	Lu	LC	Sb	G	R
62	64	66	68	70	72
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
Lr	Lu	LC	Sb	G	R

73	75	77	79	81	83
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
G	R	R	Sb	Lr	Lu
74	76	78	80	82	84
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
G	R	R	Sb	Lr	Lu

85	87	89	91	93	95
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
D	F	F	G	D	F
Lu	R	A	Lr	LC	Lr
86	88	90	92	94	96
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
D	F	F	D	D	F
Lu	R	A	Lr	LC	Lr

Perm.  
bare  
follow

1	3	5	7	9	11
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
G	R	R	R	R	LC
2	4	6	8	10	12
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
Lu	Lu	Lu	Lr	O	LC

13	15	17	19	21	23
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
R	L	Cg	A	Lu	Lu
14	16	18	20	22	24
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
R	L	Cg	A	Lu	Lu

25	27	29	31	33	35
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
L	A	Cg	R	(G)	Lu
26	28	30	32	34	36
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
L	A	Cg	R	(G)	Lu

37	39	41	43	45	47
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
Lu	R	O	Lr	LC	G
38	40	42	44	46	48
ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3	ax:bx 2:3
Lu	R	O	Lr	LC	G

16

17



Rothamsted LEY - ARABLE HIGHFIELD 1967 HLA HIGHFIELD 1967 " "

65th/50 N 1966 19th. Year

133	a	b	F	D	02.13	Ln	134	D	F	02.13
135	a	b	G	F	02.13	A	136	D	D	02.13
137	a	b	F	F	02.13	Lu	138	D	D	02.13
139	a	b	R	F	02.13	Lu	140	F	D	02.13
141	a	b	F	D	02.13	Lu	142	F	D	02.13
143	a	b	F	D	02.13	Lu	144	F	D	02.13

POTATOES 12

97	a	b	R	c	n	Lu	98	F	D	02.13
99	a	b	D	F	02.13	Ln	100	F	D	02.13
101	a	b	D	F	02.13	Lc	102	F	D	02.13
103	a	b	F	D	02.13	A	104	F	D	02.13
105	a	b	G	F	02.13	Lu	106	D	D	02.13
107	a	b	F	F	02.13	Lu	108	D	D	02.13
109	a	b	A	c	n	Sb	110	F	D	02.13
111	a	b	G	c	n	Lu	112	F	D	02.13
113	a	b	a	b	Lu	Lc	114	F	D	02.13
115	a	b	a	b	Lu	Lc	116	F	D	02.13
117	a	b	(R)	Sb	Ln	118	F	D	02.13	
119	a	b	a	b	Ln	120	F	D	02.13	

POTATOES 10

121	a	b	A	Lu	122	Sb	123	Lc	Lu
123	a	b	(R)	Lu	124	Sb	125	Sb	Lu
125	a	b	(R)	Lu	126	Sb	127	Lc	Lu
129	a	b	G	Lu	130	Lc	131	Lc	Lu
121	a	b	A	Lu	122	Sb	123	Lc	Lu

2nd. Treatment

49	a	b	Lu	Lc	50	Lu	Lc
51	a	b	Lu	Lc	53	G	Lu
52	a	b	Lu	Lc	54	Lu	Lc
55	a	b	Lu	Lc	56	Lu	Lc
57	a	b	Lu	Lc	58	Lu	Lc
59	a	b	Lu	Lc	60	Lu	Lc

POTATOES 14

61	a	b	Lu	Lc	62	Lu	Lc
63	a	b	Lu	Lc	64	Lu	Lc
65	a	b	Lu	Lc	66	Lu	Lc
67	a	b	Lu	Lc	68	Lu	Lc
69	a	b	Lu	Lc	70	Lu	Lc
71	a	b	Lu	Lc	72	Lu	Lc

POTATOES 10

73	a	b	G	Lu	74	Lc	Lu
75	a	b	R	Lu	76	Lc	Lu
77	a	b	R	Lu	78	Lc	Lu
79	a	b	R	Lu	80	Lc	Lu
81	a	b	R	Lu	82	Lc	Lu
83	a	b	R	Lu	84	Lc	Lu

3rd Treatment

85	a	b	Lu	Lc	86	Lu	Lc
87	a	b	Lu	Lc	88	Lu	Lc
89	a	b	Lu	Lc	90	Lu	Lc
91	a	b	Lu	Lc	92	Lu	Lc
93	a	b	Lu	Lc	94	Lu	Lc
95	a	b	Lu	Lc	96	Lu	Lc

POTATOES 14

1	a	b	G	Lu	2	Lu	Lc
3	a	b	G	Lu	4	Lu	Lc
5	a	b	R	Lu	6	Lu	Lc
7	a	b	R	Lu	8	Lu	Lc
9	a	b	R	Lu	10	Lu	Lc
11	a	b	R	Lu	12	Lu	Lc
13	a	b	R	Lu	14	Lu	Lc
15	a	b	R	Lu	16	Lu	Lc
17	a	b	R	Lu	18	Lu	Lc
19	a	b	R	Lu	20	Lu	Lc
21	a	b	R	Lu	22	Lu	Lc
23	a	b	R	Lu	24	Lu	Lc

WHEAT 1

25	a	b	Lc	H	26	Lc	H
27	a	b	Lc	H	28	Lc	H
29	a	b	Lc	H	30	Lc	H
31	a	b	Lc	H	32	Lc	H
33	a	b	Lc	H	34	Lc	H
35	a	b	Lc	H	36	Lc	H

WHEAT 4

37	a	b	Lc	H	38	Lc	H
39	a	b	Lc	H	40	Lc	H
41	a	b	Lc	H	42	Lc	H
43	a	b	Lc	H	44	Lc	H
45	a	b	Lc	H	46	Lc	H
47	a	b	Lc	H	48	Lc	H

WHEAT 4

49	a	b	Lu	Lc	50	Lu	Lc
51	a	b	Lu	Lc	53	G	Lu
52	a	b	Lu	Lc	54	Lu	Lc
55	a	b	Lu	Lc	56	Lu	Lc
57	a	b	Lu	Lc	58	Lu	Lc
59	a	b	Lu	Lc	60	Lu	Lc

POTATOES 14

61	a	b	Lu	Lc	62	Lu	Lc
63	a	b	Lu	Lc	64	Lu	Lc
65	a	b	Lu	Lc	66	Lu	Lc
67	a	b	Lu	Lc	68	Lu	Lc
69	a	b	Lu	Lc	70	Lu	Lc
71	a	b	Lu	Lc	72	Lu	Lc

POTATOES 10

73	a	b	G	Lu	74	Lc	Lu
75	a	b	R	Lu	76	Lc	Lu
77	a	b	R	Lu	78	Lc	Lu
79	a	b	R	Lu	80	Lc	Lu
81	a	b	R	Lu	82	Lc	Lu
83	a	b	R	Lu	84	Lc	Lu

3rd Treatment

85	a	b	Lu	Lc	86	Lu	Lc
87	a	b	Lu	Lc	88	Lu	Lc
89	a	b	Lu	Lc	90	Lu	Lc
91	a	b	Lu	Lc	92	Lu	Lc
93	a	b	Lu	Lc	94	Lu	Lc
95	a	b	Lu	Lc	96	Lu	Lc

POTATOES 14

SA 72



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69/R/RN/1 HIGHFIELD 1969

21st Year  
Sub-plots 1091-1208

Rotamsted LEY - ARABLE

WHEAT TEST CROP

133	135	137	139	141	143
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)
134	136	138	140	142	144
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)

WHEAT TEST CROP

097	099	101	103	105	107
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)
098	100	102	104	106	108
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)

POTATOES

109	111	113	115	117	119
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)
110	112	114	116	118	120
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)

POTATOES

121	123	125	127	129	131
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)
122	124	126	128	130	132
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)

WHEAT TEST CROP

049	051	053	055	057	059
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)
050	052	054	056	058	060
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)

WHEAT TEST CROP

061	063	065	067	069	071
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)
062	064	066	068	070	072
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)

WHEAT TEST CROP

073	075	077	079	081	083
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)
074	076	078	080	082	084
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)

WHEAT TEST CROP

085	087	089	091	093	095
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)
086	088	090	092	094	096
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)

WHEAT TEST CROP

001	003	005	007	009	011
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)
002	004	006	008	010	012
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)

WHEAT TEST CROP

013	015	017	019	021	023
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)
014	016	018	020	022	024
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)

WHEAT TEST CROP

025	027	029	031	033	035
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)
026	028	030	032	034	036
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)

WHEAT TEST CROP

037	039	041	043	045	047
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)	Ln <sup>3</sup> (R)
038	040	042	044	046	048
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
F D	F D	F D	F D	F D	F D
Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)	Ln <sup>3</sup> (G)

- FD in 1967  
- FD in 1968  
- FD in 1966

Joss Cambior sown 14th Oct 68  
Blocks 5,9,12 & plots 61/62 resown on 13-14 Nov.

Ln - 1  
Ln - 2  
Ln - 3  
Ln - 4