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ROTHAMSTED
RESEARCH

Collection of Plans for the Highfield Ley-arable Experiment

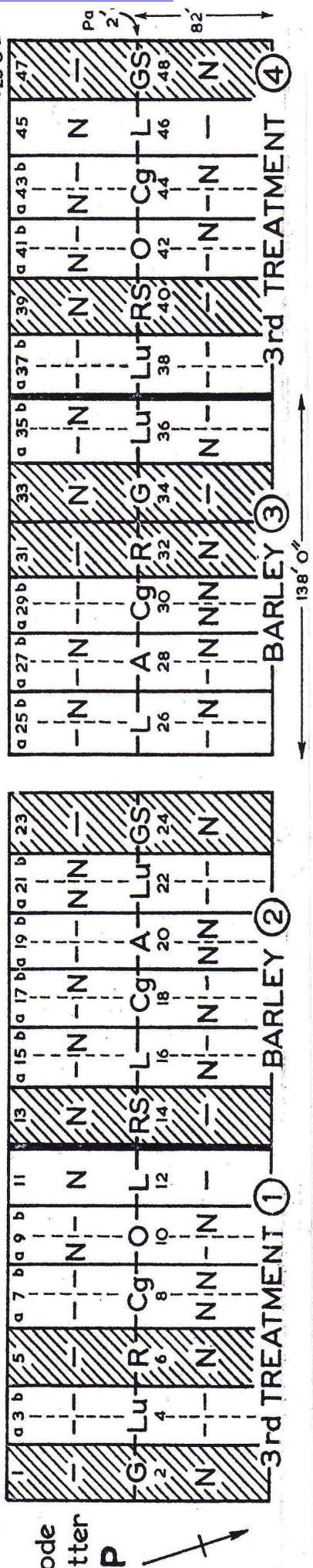
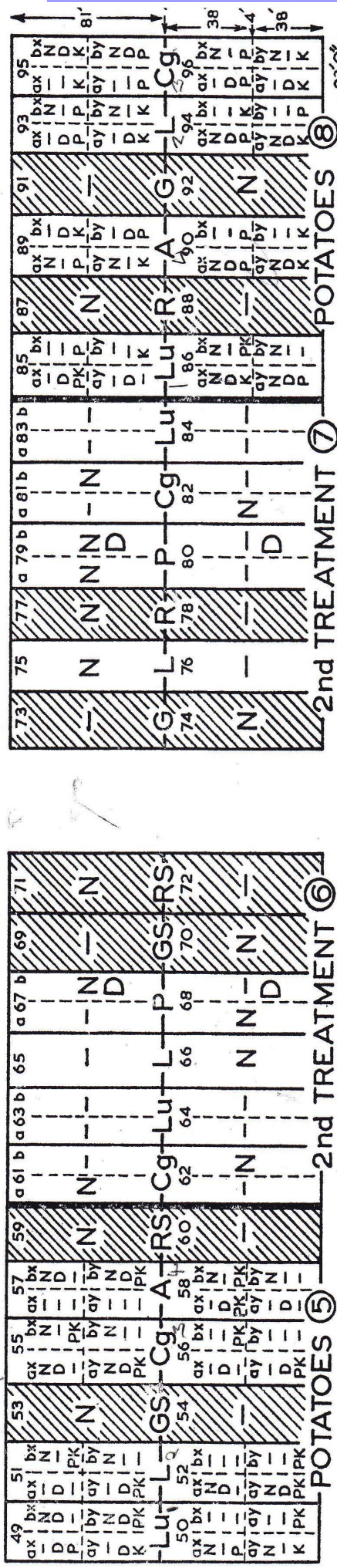
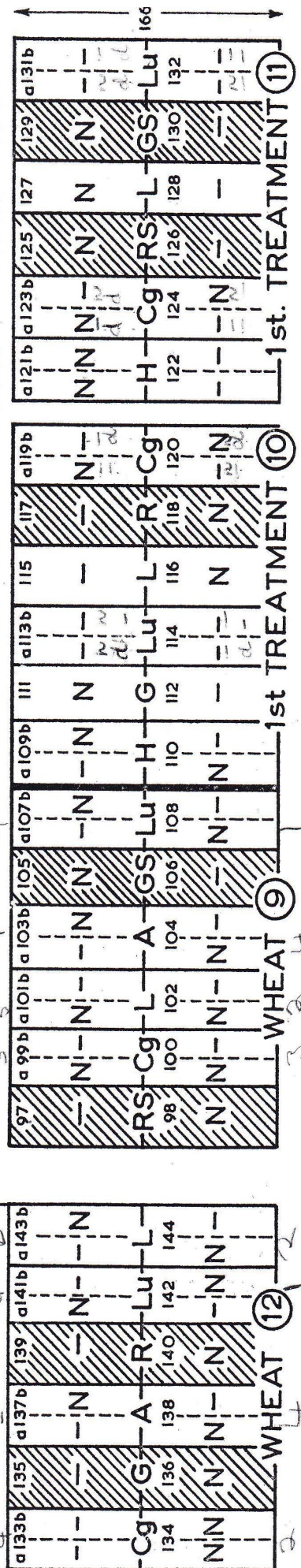
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Highfield Ley-arable 1960-69

Rothamsted Research

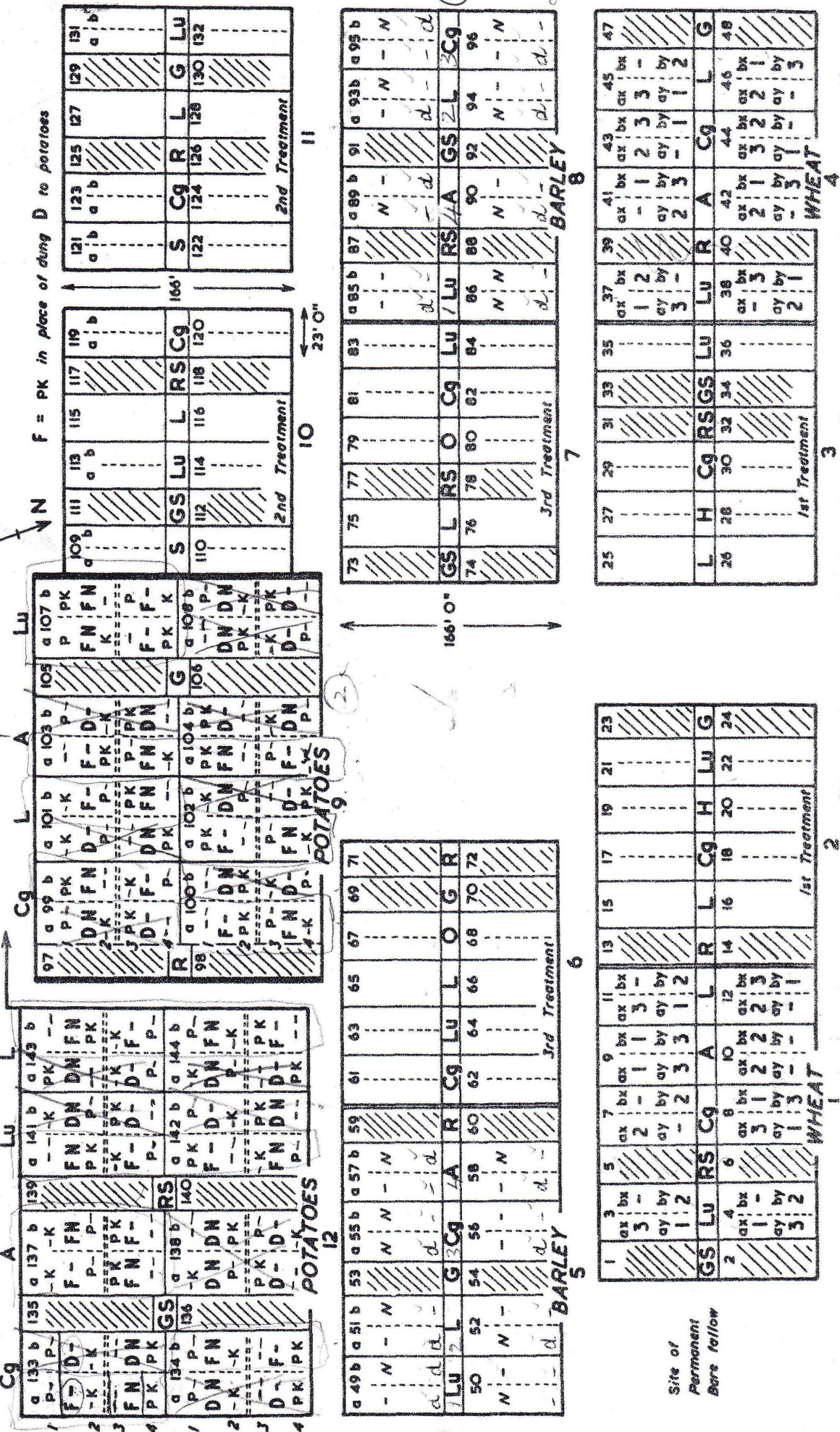
Rothamsted Research (1949-1990) *Highfield Ley-arable 1960-69* ; Collection Of Plans For The Highfield Ley-Arable Experiment, pp 12 - 21

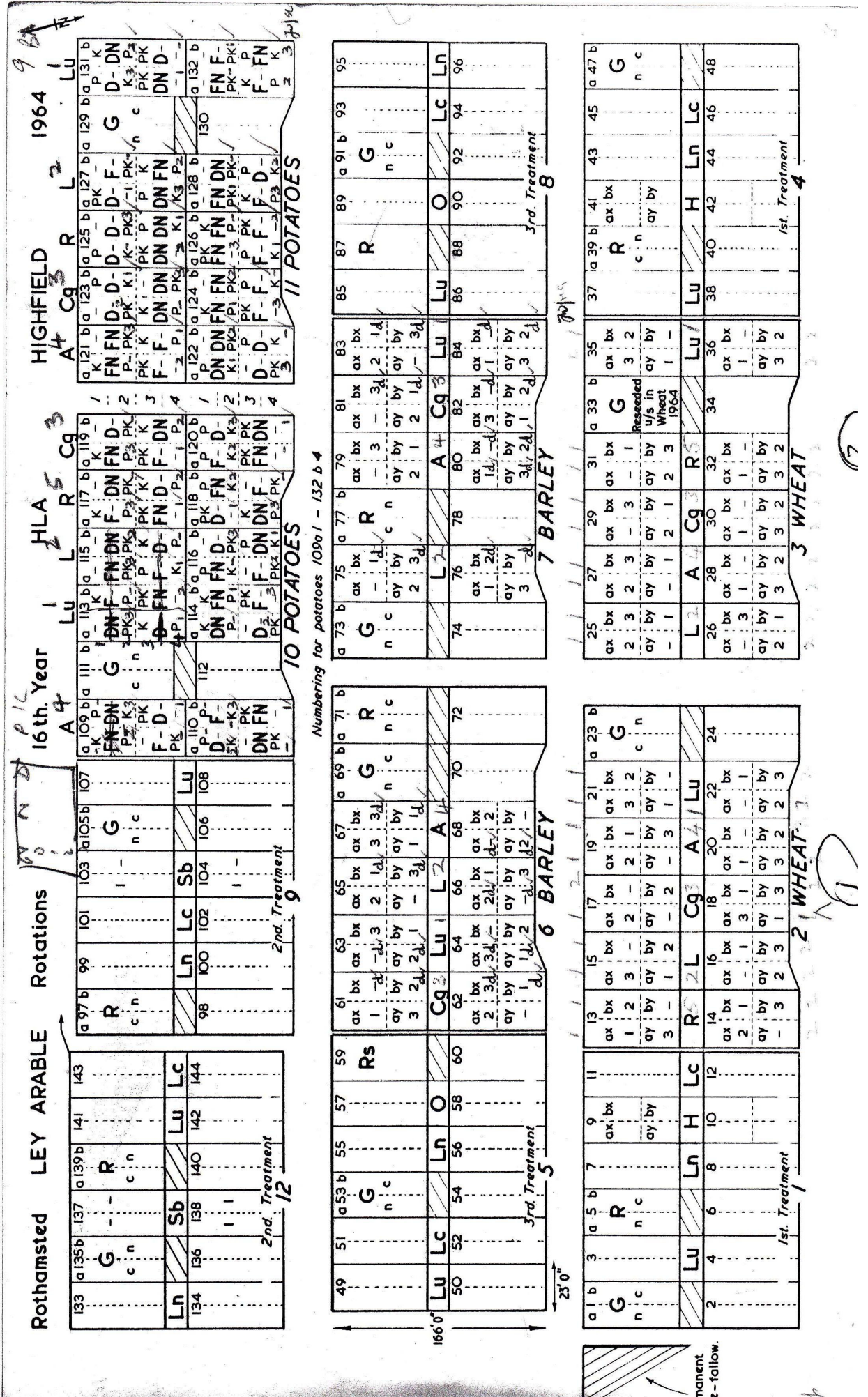
ROTHAMSTED HIGHFIELD LEY-ARABLE ROT NS TWELFTH YEAR 1960



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





9 **12**
 1516
 Rothamsted LEY - ARABLE 17th Year HLA HIGHFIELD 1965

133	135	137	139	141	143	97 ^b	99	101	103	105	107	109	111	113	115	117	119
Ln	G	R	R			a	R			G		1 2	G	3 2	a	-	1 1
	c	n	c	n		c	n			n		3	c	3	2	2	3
134	136	138	140	142	144	98	100	102	104	106	108	110	112	114	116	118	120
Ln						Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln

• Winter nitrogen to Wheat.

49	51	53	55	57	59	61	63	65	67	69	71	73	75	77	79	81	83
Ln	G	R	R			a	R			G		G		R		Ln	Ln
	c	n	c			c	n			n		n		c			
50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84
Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln

WHEAT

1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35
a	a	a	a	a	a	F	F	F	F	F	a	D	F	F	F	(G)	D
b	b	b	b	b	b	F	F	F	F	F	b	F	F	F	F		D
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
Ln	Ln	Ln	Ln	Ln	Ln	R	R	R	R	R	R	Ln	A	C	R	Ln	Ln

POTATOES

POTATOES

Perm. bare fallow

HIGHFIELD 1966 10

HLA

18th Year

Rotamsted 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	R	A	C:R	Lu	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	R	A	C:R	Lu	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	C:R	Lu	A	G	C:R
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	R	LC	Sb	Lu	LC

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	C:R	Lu	LC	R	H
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	C:R	Lu	LC	R	H

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	R	H	LC	G	R:C
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	R	H	LC	G	R:C

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	D:F	G	D:F	F:D	F:D
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:F	R	D:F	D:F	F:D

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	C: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
Lu	LC	C: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:D	F:D	G	D:F	F:D
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	F:D	G	D:F	F:D

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	C:R	Lu	O	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	Lu	Lu	Lu

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

16

17

Rothamsted LEY - ARABLE HIGHFIELD 1967 HLA HIGHFIELD 1967

19th. Year
N 1966
1st/10

12 POTATOES

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

10 POTATOES

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

2nd. Treatment

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

1, 2, 3, 4

D.c. 1966
N.c. 1965

BARLEY

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

6

BARLEY

61	a	b	Ln	62	a	b	Ln	63	a	b	Ln
65	a	b	Ln	66	a	b	Ln	67	a	b	Ln
69	a	b	G	70	a	b	G	71	a	b	R

7

BARLEY

73	a	b	G	74	a	b	G	75	a	b	R	
77	a	b	R	78	a	b	c	n	79	a	b	a
81	a	b	a	82	a	b	a	83	a	b	a	

8

BARLEY

85	a	b	Lu	86	a	b	Lu	87	a	b	Lu
89	a	b	Lu	90	a	b	Lu	91	a	b	Lu
93	a	b	G	94	a	b	G	95	a	b	G

1 WHEAT

Permanent bare fallow

1	a	b	G	2	a	b	G	3	a	b	G
5	a	b	R	6	a	b	R	7	a	b	R
9	a	b	Lu	10	a	b	Lu	11	a	b	Lu

2 WHEAT

13	a	b	(R)	14	a	b	H	15	a	b	a
17	a	b	a	18	a	b	a	19	a	b	a
21	a	b	a	22	a	b	a	23	a	b	a

3 WHEAT

25	a	b	a	26	a	b	a	27	a	b	a
29	a	b	a	30	a	b	a	31	a	b	a
33	a	b	(R)	34	a	b	(R)	35	a	b	(R)

4 WHEAT

37	a	b	Lu	38	a	b	Lu	39	a	b	Lu
41	a	b	Lu	42	a	b	Lu	43	a	b	Lu
45	a	b	Lu	46	a	b	Lu	47	a	b	Lu

SA

