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## Collection of Plans for the Highfield Ley-arable Experiment



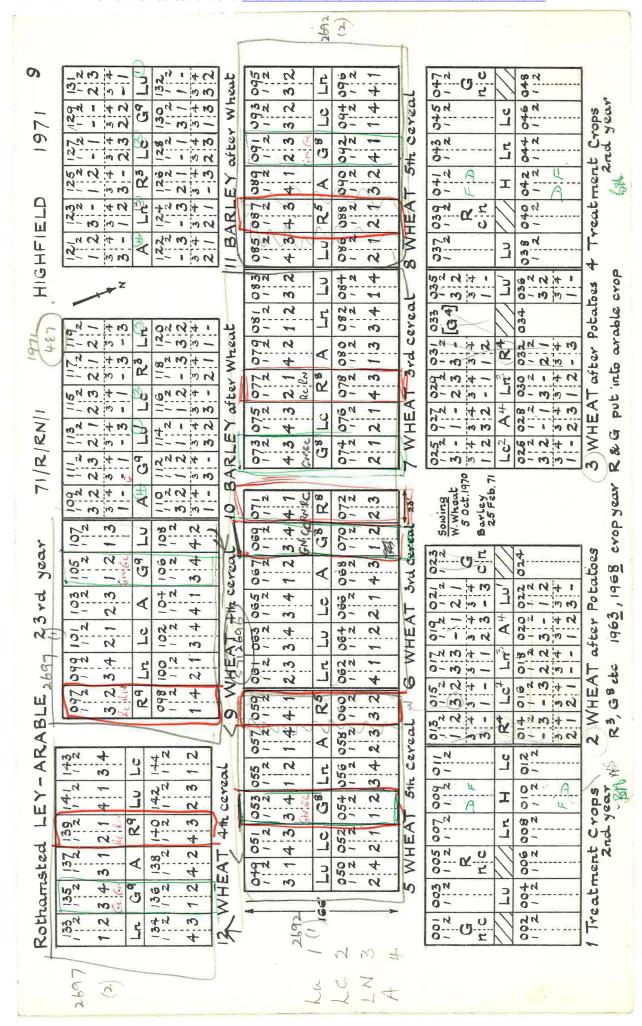
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## Highfield Ley-arable 1970-79

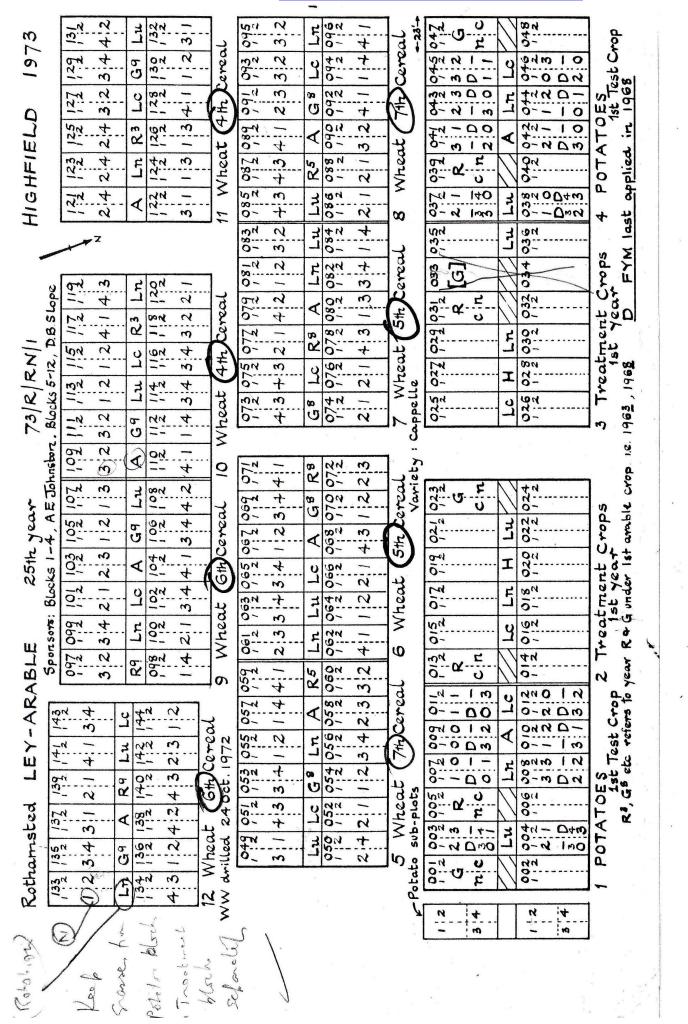
## **Rothamsted Research**

Rothamsted Research (1949-1990) *Highfield Ley-arable 1970-79*; Collection Of Plans For The Highfield Ley-Arable Experiment, pp 22 - 31

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			11113	wo	rk is lic	ense	eu .	. 4	u <u>Cre</u>	ulli	e com	mons	Acci		<del>(</del>	4.0	99			<u></u>	onse.		
		131	. *	Lu	132			095		RG	960	(14)	(a)		047	<b>」</b> -	W.	840			3 4	√ **	last
1978		129		G9	130		Geeal	093	*,	Lc	160	(3)	3 YEA	-	045		- 3	1			ع پردو.	3	₹ 2
0_		127		Lc	(2.8		当专	160	1	RG+	260	(89)	s (2)	-	0 + 3		<del>ا</del> خ	1			ps 3rd	£	27
	obe	125		R3	126			680		۵	060	(F)	NENCE	H	ot		- 0	Τ.		_	3	896	1 <b>3</b>
c	D.B. Slope	123		Ln	12 th		WHEAT	087		8	% % O	(Rs)	NEW SEQUENCES (220 YEAR)	ŀ	_	<b>√</b> -	2	040		_	Treatment Grops	(1963, 1968 cts)	d after each aut event the last
	Ä	121		ď	122		۱/ د	580		TH	980	(F)	8 NE	+	037		- 3	1			7 A	(19	% % 90
А	5-12		ــــــــــــــــــــــــــــــــــــــ	~ 2	<u> </u>			083			780	$(A) \left  (L_A) \left  (L_B) \right  (R_S) \left  (A) \left  (G_S) \right  (L_C) \left  (L_A) \right  (L_A)$		- F		1	<u>a</u>	$\dot{-}$	-3	(F)(F)		des	N & K top dressed in Spring
m			 	'	0			180			082	<u>3</u>			033	[4] 2 -	-	034			3 WHEAT (P.W.W) 3rd TEST CROP	old grass (G) fust water arable	essed
お日	Blocks	611		3 Ln	120			640		3	080	€		· . I		<i>ع</i> -	2	032			Sat Te	* of	\$ \$ \$ \$ \$
	<u> </u>	E .		R3	811		real	017		FALLOW	920				6		111	+	2 3	(A)	W.W	η +s,	<b>M</b> ,
	Ston	115		Lc Lc	. 116		9th Cereal	075		+	076	(G8) (L) (RE)			027			40		(F)(D) (D)(D) (F)(D)	AT (P.	1> fr	z ,
	Johns ton	113		Lu	7			073	- 1 A A	- 1	4/20	Ç8)		- 1	025	γ <sub>0</sub>	(F) (F)	+-	اري ا	(A)	型 2	) ss	Nave,
	A Hi	m 6		9	212		WHEAT	Ľ		L	7,2		7	<b>L</b>			<u>e</u> l	Т_		<u></u>		್ಕ ಕ	į
		60		د ا	<u> </u>		0	110			072	(G8) (R8)		Т	w		ج ال	V+		_	0	े प	<b>ે</b>
	ナー/	101		7 Lu	801	(Rg) (La) (Lc) (A) (Gg) (Lu)	EAR)	690			020	(6.5)		ŀ	0	<u> </u>	0/	9	ĸ.	(A)	2 WHEAT (P.W.W) 3-2 Test Crop	(S)	
78/R/RN/	Blocks	50.5		RG7	90/	6)	(1ST Y	290		FALLOW	890	ઉ			0 - 2	3.2 2.1 2.1	(D)(F)(F)(D)	+-		(F)(D) (F) (D) (D) (E) (F) (D)	Sas Te		treatments
8/8/	Ø.	103		0	5	<u>C</u>	SES	590		FAL	990	(15)		1	6,0	7	( <u>a</u> )	10	. 3	) (A) (A	K.W.	reseeded	te t
	Sis	101		С -	5	(L.	EQUE	063			#90	(LL)		-	6/0	2	(F)(D)(F)(D)	+	=	(F) (C	T (P.		residual
5	Spansars	660 1		RG	6	) (La	9 NEW SEQUENCES (1ST YEAR)	190	.5		062	(Ln)	9	- 1		- 1		3/0	1	(F)	WHEA	귤	, ,
18	S	760		æ	860	R	0	650		83	090	(RS)	AR			<u>~</u>	1	10			7	to year that	gund
30th Year	14.3		7c	tr#/	(2-			057		٩	058	(Lu) (Lc) (Gg) (Ln) (A) (Rs)	NEW SEQUENCES (214 YEAR)	- 1	6		-   -	3 0 0			3	ς Δ	A
	1+1		1 m	7 75,	(L) (G9) (A) (R9) (LU) (LC)	EAR		055		RG	056	(Ln)	ES (	· • †	600		C	10			Treatment crops 3rd year	NOTE: R3, G8 cto teles	ĝ o Z
귀	139		8	/ 04/	(63	(IST)		053	3	RG+	054	(98)	DUENC	1	8			800			sps 3	4) 80 0	
RAB	137		0	/38 //	9	NCES		150	1 <b>.</b>	اد	052	(10)	w SE		000	ろ-	المح	00-			ent co	R3, (	: ( <u>a</u> )
LEY-ARABLE	135		RG+ C	136 1	(e7	12 NEW SEQUENCES (ISTYEAR)		640	B	Lu	050	(17)	5 NE	1	0 - T			100	7-1		reatm	TE:	
世	133		RG R	134 13	() ()	NEV		اد		- 5	,		August Au		0 0	ტ-	2	00-			-	Š	
	12		1_1					ang he	****	Ş.		. K	, ,	(4,1 2						my is			
, - <del>,</del>			. KS 54	12)	Grass/clove as 1977	Feermal ryegass (3 yrs)		As Rig but not planghed after 3 years	Barley, Julia	Potto	43)	N, 00, 150	ned	(Block	, 37540 5		F.	anod	ra SS	, ×	SSO	15.	
Rothams:ed	/= 0	sal no yielo	(8/00	Luce (2)	2 05	13 cg a	TT61 so	Ry but not after 3 years	h ž	0	cks 2	Test 50, 10	Yields required	RoPs	9	ley	Grass/clover ley	vous, Manod	Reserbed grass	25.00	Asendo - old grass		
0.4	\$ 100 m	\$ . \$	SHUI	Comp	/close	unal	SS	RG after	Barley,	1 5	(Bb	9 :	field.	1-X	Lucerne	Grass ley	frass/	200	eseed	old grass	eudo-		
Q	CROPPING WHEAT (RINGER TO. 11)	Cappelle, basal N @ 125 kg/ka. No yields.	NEW SEQUENCES (Blocks 5,8,	Lu				+ As			WHEAT (Blocks 2 & 3)	Cappelle, Test N,	24.	TREATMENT CROPS (Blocks 1,4)	Lu		<u> </u>	gAr.	S S		[G] A		1
	ZH	2 6	NEW	77	, C	RG		RG+	<b>14</b> ) (	0 0	_ 3	1		7	٦	7.	) ] (	J	W,	'	ប		
- <del> </del>																	4			·*-		*	7-E

	, in		132		540	98	((7)	dyear)	t# -	- <b>6</b> - c	840		, 78
a 120	150		130		93	77	760	5 (3	5 *0	312	7 8	2   3   1   -	e crop)
	121	3	184 126 188 130 152 (LA) (R3) (Le) (G4) (LH)		160	89+	092 (G8)	NEW SEQUENCES (3rdyen)	₹ -	(6)	440	2 3	(1sc /bg
900	125	FALLOW	,26 (R3)		580	BE	060 (B)	SEOL	10 -	1 2 (7)	2 7		OES
D. 8. \$10pe	23	4	124		730	3	062 084 066 088 090 092 094 096 (20) (11) (11) (12)	NEW	- 039	α -ς	1 8		POTATOES (ISC PARCION)
	ä		ιτη ( <del>0</del> )	n	288	77	930	00	1 0.37	- 1 (7)	4 6	- 12 21 -	4
8locks 5- 12	_+		<del>}</del> ≥		083	4	(KH)	year)	- o35		440		lear)
8 loc b	611		(70)		<b>ે</b>	8	(vy)	*\$()	033	<u>- 6</u>	1 2		S (15¢ g
-	<i>L</i>		(A) (Gg) (Lu) (Lc) (Rg) (Ln)		640	0		NEW SEQUENCES (1St year)	63	_ 02 _ 5_	1/18	- او الرابات ال	TREATMENT CROPS (ISE year)
A.E. Johnston	5/1	3	9 (27)		2.40	8	078 (Rs)	SE QU	- 029		40	}	TENT
5 Joh	. 13	778	41 (Ku)		570	27		18/2	- 20		H 60		REATE
	<b>E</b>	1	112		073	RG	940		- 25		77	<b>!</b>	E .
SPONSORS: Blocks 1-4	601	1 2	011	0	077	Q.	072 (Rg.)	1			M		
locks	701	"/	801 (24) (44)	(2nd year)	0 690	Par			023	- to		;	car)
8:8	8	8	90/	(2nd	750	0		(/sc	027		77	<del>}</del>	(ist y
NSOK	103	a		NCES	999	77		- 12	2)62 -		7	8	Rops
SPS	ō	1	700 105	SEQUE	230	-	0 690	NEW SEQUENCES	410		40	§	1ENT
	660	8	700 (04)	NEW SEQUENCES	190	30	-	NEW	01.5		77	* <b>-</b> -	TREATMENT (ROPS (ISC year)
	460	9	950	6	630	3		-	0.3	- ox - 5	3		100
	143	1110	(87)	5	957	RE	850	year)	ō	1 0	37	2 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	
	141	+	3	IL NEW SEQUENCES (AND Year)	955	30		NEW SEQUENCES (3M. year)	600	(D) (F) (D) (F) (D) (F)	Q	2 2 3 2 3	(day
	13.6	+	(20) (69) (9) (14)	<u>.</u>	053	00	1 450	MENCE	7.00		-	<del></del>	POTITIDES (ISE PEST COD)
		7 30	, (d	KENCE	3.		052	W SEG	500	(5) (5) (5) (5) (6)		8	es (
		KGT	(89)	SEO	640	-	50.	S NE	600 -		1	<b>4</b>	מהידס
		200	(47)	e nev				<b>1</b>	8-	·	K1	§	]-
	CROPPLING  NEW SEQUENCES (Bloobs 5,6,7,8,9,12)  Lu Lucerne, Vertus	Grass/clover	Perconial Mygness As RG but not ploughed after 3 years		p Potatoes, Pentland Moun lob.) W Wheat, Flanders POTATOES (Bocks 194) Pentland Crown, Test N	-,1,2,3: 0,80,60,240 AGN/AA	Yields required TREATMENT CROPS (Blocks 2+3) Lu Lucerne	Grass ley Grass Clover ley	1st.year hay	Receded grass	rseucio - 014 grass		