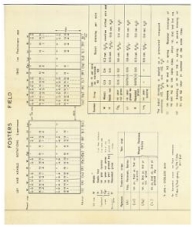
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Collection of Plans for the Fosters Ley-arable Experiment



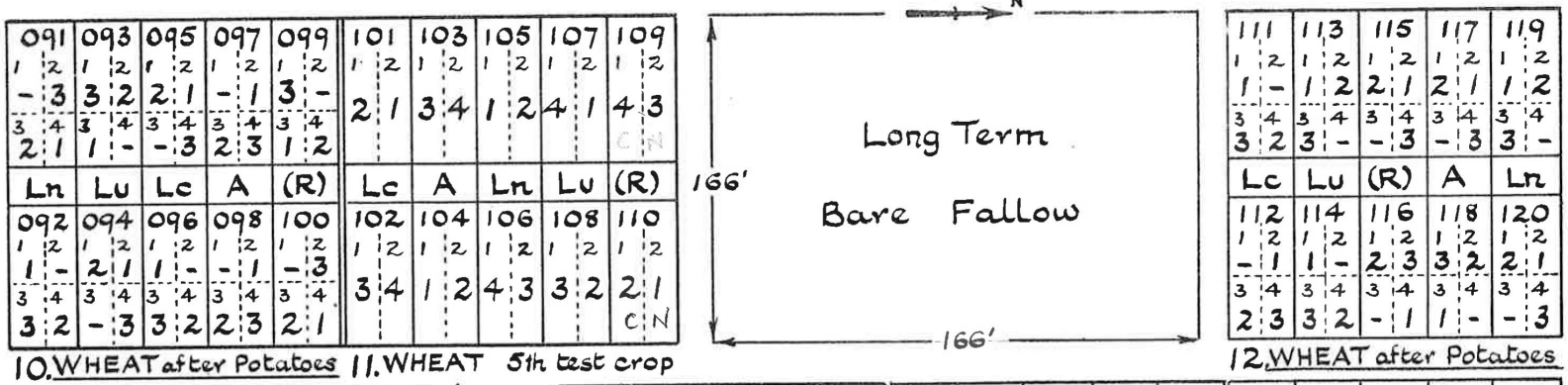
Full Table of Content

Fosters Ley-arable 1970-79

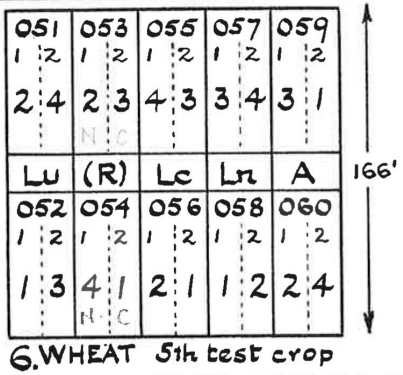
Rothamsted Research

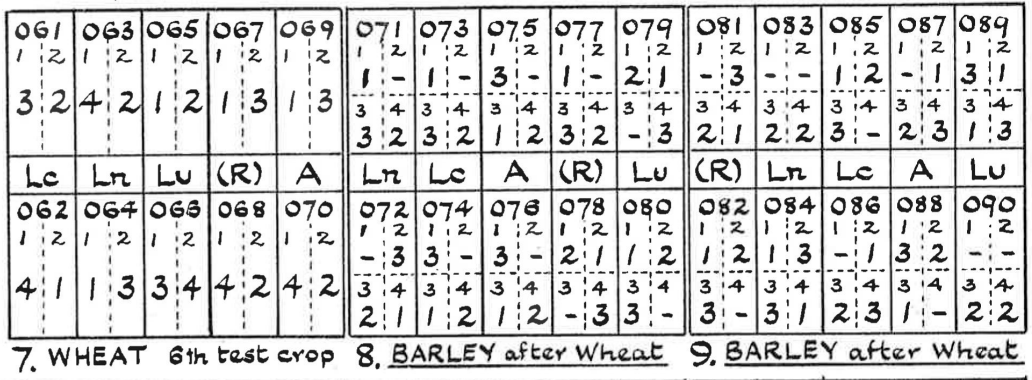
Rothamsted Research (1949-1990) *Fosters Ley-arable 1970-79 ;* Collection Of Plans For The Fosters Ley-Arable Experiment, pp 22 - 31

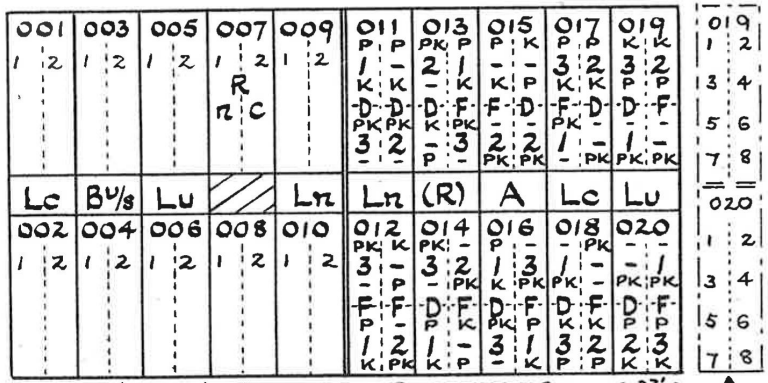
Rothamsted LEY-ARABLE 22nd year 70/R/RN/2 FOSTERS 1970

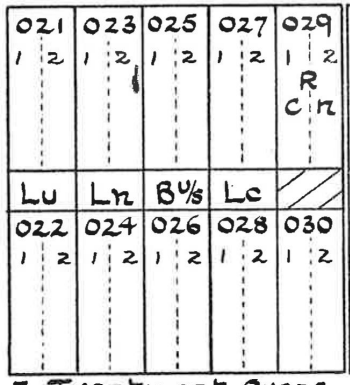


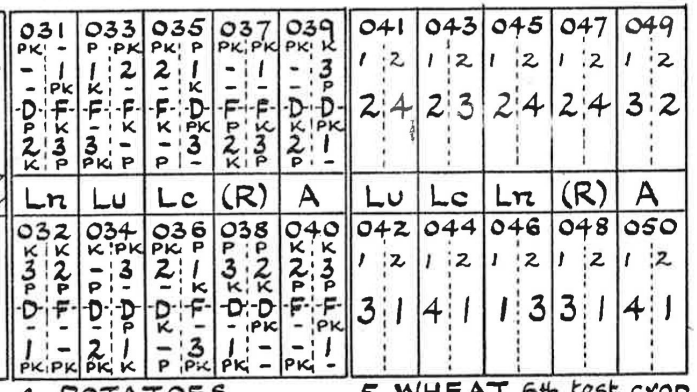
Sowing dates
Wheat - Joss Cambier
at 180lb : 16 Oct 1969
Barley - Julia at 140lb
per acre : 20 May 1970











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Rothamsted LEY-ARABLE 23rd year 71/R/RN/2 (486) FOSTERS 1971

1971

N Rates, per acre

W. Wheat, 2nd Test Crop.

-	None
1	0·4 cwt N
2	0·8 cwt N
3	1·2 cwt N

Barley, 3rd Test Crop

-	None
1	0·4 cwt N
2	0·7 cwt N
3	1·0 cwt N

W. Wheat, 3rd, 4th, 5th Cereal

1	0·6 cwt N
2	1·0 cwt N
3	1·4 cwt N
4	1·8 cwt N

N as 'Nitro-Chalk' 21

Varieties

W. Wheat : Joss Cambier 5-6 Oct 1970

Barley : Julia 25 Feb 1971

R 3,4,5,8,9 1st arable crop in 1963, 64, 65, 68, 69

10, BARLEY after Wheat

091 1/2	093 1/2	095 1/2	097 1/2	099 1/2
2 3	3 2	1 -	1 2	- 3
3 4	3 4	3 4	3 4	3 4
- 1	1 -	3 2	3 -	2 1
Ln (3)	Lu (6)	Lc (2)	A (4)	R³
092 1/2	094 1/2	096 1/2	098 1/2	100 1/2
3 -	- 3	2 1	3 -	1 2
3 4	3 4	3 4	3 4	3 4
1 2	2 1	- 3	1 2	3 -

11, WHEAT 4th cereal

101 1/2	103 1/2	105 1/2	107 1/2	109 1/2
2 1	3 4	1 2	4 1	4 3
Lc	A	Ln	Lu	R⁹
102 1/2	104 1/2	106 1/2	108 1/2	110 1/2
3 4	1 2	4 3	3 2	2 1

166' × 166' — LONG TERM BARE FALLOW

12, BARLEY after Wheat

111 1/2	113 1/2	115 1/2	117 1/2	119 1/2
1 2	2 3	2 3	2 1	- 3
3 4	3 4	3 4	3 4	3 4
3 -	- 1	- 1	- 3	2 1
Lc (2)	Lu (1)	R³	A (4)	Ln (3)
112 1/2	114 1/2	116 1/2	118 1/2	120 1/2
- 3	- 3	- 3	1 -	1 2
3 4	3 4	3 4	3 4	3 4
2 1	2 1	2 1	3 2	3 -

6, WHEAT 4th cereal

051 1/2	053 1/2	055 1/2	057 1/2	059 1/2
2 4	2 3 RN RC	4 3	3 4	3 1
Lu	R⁹	Lc	Ln	A
052 1/2	054 1/2	056 1/2	058 1/2	060 1/2
1 3	4 1	2 1	1 2	2 4

166'

7, WHEAT 5th cereal

061 1/2	063 1/2	065 1/2	067 1/2	069 1/2
3 2	4 2	1 2	1 3	1 3
Lc	Ln	Lu	R⁵	A
062 1/2	064 1/2	066 1/2	068 1/2	070 1/2
4 1	1 3	3 4	4 2	4 2

8, WHEAT 3rd cereal

071 1/2	073 1/2	075 1/2	077 1/2	079 1/2
4 3	4 1	1 3	2 1 RC RN	1 2
Ln	Lc	A	R⁸	Lu
072 1/2	074 1/2	076 1/2	078 1/2	080 1/2
2 1	3 2	4 2	4 3	3 4

9, WHEAT 3rd Cereal

081 1/2	083 1/2	085 1/2	087 1/2	089 1/2
3 4 RC RN	1 4	2 3	3 4	1 2
R⁸	Ln	Lc	A	Lu
082 1/2	084 1/2	086 1/2	088 1/2	090 1/2
1 2	2 3	4 1	1 2	3 4

1, Treatment Crops 2nd year

001 1/2	003 1/2	005 1/2	007 1/2	009 1/2
	F D		R n c	
Lc	H	Lu	///	Ln
002 1/2	004 1/2	006 1/2	008 1/2	010 1/2
	F D			

2, WHEAT after Potatoes

011 1/2	013 1/2	015 1/2	017 1/2	019 1/2
3 2	1 -	1 3	2 1	1 2
3 4	3 4	3 4	3 4	3 4
1 -	3 2	3 1	- 3	3 -
Ln³	R⁴	A⁴	Lc²	Lu¹
012 1/2	014 1/2	016 1/2	018 1/2	020 1/2
3 -	- 3	2 2	2 1	2 1
3 4	3 4	3 4	3 4	3 4
1 2	2 1	- -	- 3	- 3

3, Treatment Crops 2nd year

021 1/2	023 1/2	025 1/2	027 1/2	029 1/2
		F D		R c n
Lu	Ln	H	Lc	///
022 1/2	024 1/2	026 1/2	028 1/2	030 1/2
		F D		

4, WHEAT after Potatoes

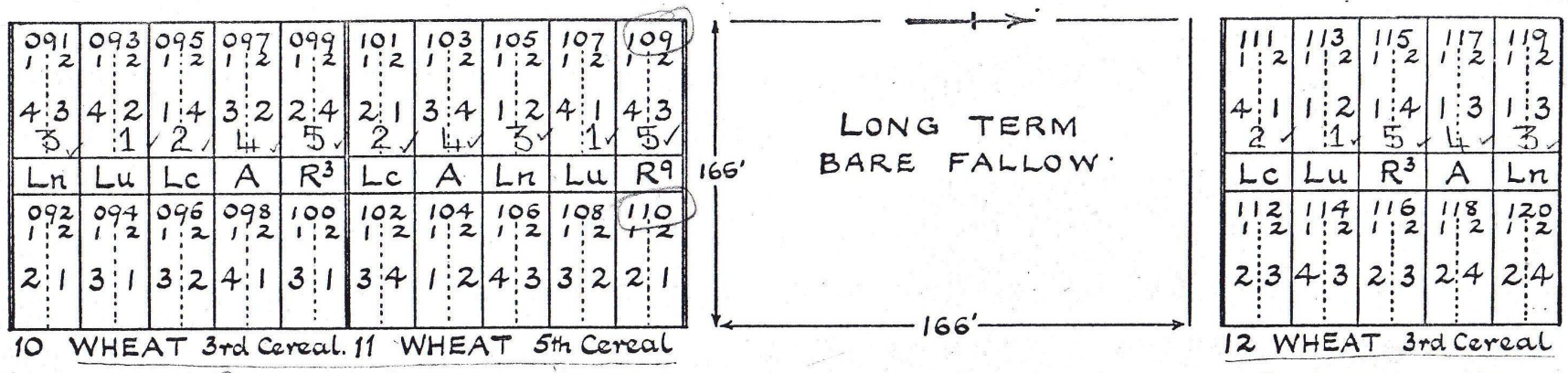
031 1/2	033 1/2	035 1/2	037 1/2	039 1/2
1 2	2 1	- 1	2 3	- 3
3 4	3 4	3 4	3 4	3 4
3 -	- 3	2 3	- 1	2 1
Ln³	Lu¹	Lc²	R⁴	A⁴
032 1/2	034 1/2	036 1/2	038 1/2	040 1/2
2 1	1 2	2 3	3 2	- 1
3 4	3 4	3 4	3 4	3 4
- 3	3 -	- 1	1 -	2 3

5, WHEAT 5th cereal

041 1/2	043 1/2	045 1/2	047 1/2	049 1/2
2 4	2 3	2 4	2 4	3 2
Lu	Lc	Ln	R⁵	A
042 1/2	044 1/2	046 1/2	048 1/2	050 1/2
3 1	4 1	1 3	3 1	4 1

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Rothamsted LEY-ARABLE 24th year 72/R/RN/2 FOSTERS 1972



10 WHEAT 3rd Cereal. 11 WHEAT 5th Cereal

12 WHEAT 3rd Cereal

6 WHEAT 5th Cereal

7 WHEAT 6th Cereal 8 WHEAT 4th Cereal 9 WHEAT 4th Cereal

R3,4,5,8,9 1st arable crop 1963, 64, 65, 68, 69.

1 Treatment Crops 3rd year

2 BARLEY (Sown 15 Mar) after Wheat

3 Treatment Crops 3rd year

4 BARLEY after Wheat

5 WHEAT 6th Cereal

Note: Barley seed dressed with 'Milstem'

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Rothamsted LEY-ARABLE 25th year 73/R/RN/2 FOSTERS 1973

Sponsors: Blocks 1-4, A.E. Johnston. Blocks 5-12, D.B. Slope

Rotation

N

091	093	095	097	099	101	103	105	107	109
4 3	4 2	1 4	3 2	2 4	2 1	3 4	1 2	4 1	4 3
Ln	Lu	Lc	A	R3	Lc	A	Ln	Lu	R9
092	094	096	098	100	102	104	106	108	110
2 1	3 1	3 2	4 1	3 1	3 4	1 2	4 3	3 2	2 1

10 Wheat 4th Cereal

LONG TERM BARE FALLOW

166' × 166'

111	113	115	117	119
4 1	1 2	1 4	1 3	1 3
Lc	Lu	R3	A	Ln
112	114	116	118	120
2 3	4 3	2 3	2 4	2 4

12 Wheat 4th Cereal

11 Wheat 6th Cereal

051	053	055	057	059
2 4	2 3	4 3	3 4	3 1
Lu	R9	Lc	Ln	A
052	054	056	058	060
1 3	4 1	2 1	1 2	2 4

6 Wheat 6th Cereal

061	063	065	067	069	071	073	075	077	079	081	083	085	087	089
3 2	4 2	1 2	1 3	1 3	4 3	4 1	1 3	2 1	1 2	3 4	1 4	2 3	3 4	1 2
Lc	Ln	Lu	R5	A	Ln	Lc	A	R8	Lu	R8	Ln	Lc	A	Lu
062	064	066	068	070	072	074	076	078	080	082	084	086	088	090
4 1	1 3	3 4	4 2	4 2	2 1	3 2	4 2	4 3	3 4	1 2	2 3	4 1	1 2	3 4

7 Wheat 7th Cereal 8 Wheat 5th Cereal 9 Wheat 5th Cereal

Variety: Cappelle Sown 23 Oct 1972

Potato sub-plots

001	003	005	007	009	011	013	015	017	019
1 2 / 3 4	3 0	3 1	R	0 0		R			
D 3/4	− D	D D	n c	D −		c n			
3 2	1 2	2 0		3 3					
Lc	A	Lu		Ln	Ln		H	Lc	Lu
002	004	006	008	010	012	014	016	018	020
1 2 / 3 4	2 1	1 0		1 2					
D 3/4	− D	− −		− D					
2 3	0 3	3 2		2 1					

1 POTATOES 1st Test Crop

2 Treatment Crops 1st Year

021	023	025	027	029	031	033	035	037	039	041	043	045	047	049
2 3 / 3 0	3 0	1 1	3 1	R				R		2 4	2 3	2 4	2 4	3 2
D 3/4	− D	− D	− D	c n				n c						
	1 3	3 0	1 0											
Lu	Ln	A	Lc		Ln	Lu	Lc		H	Lu	Lc	Ln	R5	A
022	024	026	028	030	032	034	036	038	040	042	044	046	048	050
1 0 / 3 2	0 2	2 3	0 2							3 1	4 1	1 3	3 1	4 1
D 3/4	− D	− D	− D											
2 1	2 1	0 2	2 3											

3 POTATOES 1st Test Crop

4 Treatment Crops 1st Year

5 Wheat 7th Cereal

R 3,4,5,8,9 1961, 1962 etc Year 'R' under 1st arable crop.

D FYM last applied in 1968

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Rothamsted LEY-ARABLE 26th year 74/R/RN/2 FOSTERS 1974

Sponsors: Blocks 1-4, A E Johnston Blocks 5-12, D B Slope

Rates of Nitrogen per acre

Test crop Wheat Blks 1-3

0	None	None
1	0·4 cwt N	50 Kg/ha
2	0·8 cwt N	100 Kg/ha
3	1·2 cwt N	150 Kg/ha

To W.Wheat Blocks 5-12

1	0·6 cwt N	75 Kg/ha
2	1·0 cwt N	126 Kg/ha
3	1·4 cwt N	176 Kg/ha
4	1·8 cwt N	226 Kg/ha

Nitrogen as 'Nitro-Chalk' 25 applied in spring

W. Variety: Cappelle

Dieldrin seed dressed

Sown at 180lb/a on 24 Oct 1973

N

166'

LONG TERM BARE FALLOW (Inc R/CS/130)

166'

091	093	095	097	099	101	103	105	107	109
1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
4 3	4 2	1 4	3 2	2 4	2 1	3 4	1 2	4 1	4 3
Ln	Lu	Lc	A	R3	Lc	A	Ln	Lu	R9
092	094	096	098	100	102	104	106	108	110
1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
2 1	3 1	3 2	4 1	3 1	3 4	1 2	4 3	3 2	2 1

10 Wheat 5th cereal 11 Wheat 7th cereal

111	113	115	117	119
1 2	1 2	1 2	1 2	1 2
4 1	1 2	1 4	1 3	1 3
Lc	Lu	R3	A	Ln
112	114	116	118	120
1 2	1 2	1 2	1 2	1 2
2 3	4 3	2 3	2 4	2 4

12 Wheat 5th cereal

051	053	055	057	059
1 2	1 2	1 2	1 2	1 2
2 4	2 3	4 3	3 4	3 1
Lu	R9	Lc	Ln	A
052	054	056	058	060
1 2	1 2	1 2	1 2	1 2
1 3	4 1	2 1	1 2	2 4

6 Wheat 7th cereal

061	063	065	067	069	071	073	075	077	079	081	083	085	087	089
1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
3 2	4 2	1 2	1 3	1 3	4 3	4 1	1 3	2 1	1 2	3 4	1 4	2 3	3 4	1 2
Lc	Ln	Lu	R5	A	Ln	Lc	A	R8	Lu	R8	Ln	Lc	A	Lu
062	064	066	068	070	072	074	076	078	080	082	084	086	088	090
1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
4 1	1 3	3 4	4 2	4 2	2 1	3 2	4 2	4 3	3 4	1 2	2 3	4 1	1 2	3 4

7 Wheat 8th cereal 8 Wheat 6th cereal 9 Wheat 6th cereal

23'

166'

001	003	005	007	009	011	013	015	017	019
1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
1 3	2 2	0 1	R	2 0		R			
3 4	3 4	3 4		3 4					
0 1	3 3	3 2	n c	0 2		c n			
Lc	A	Lu		Ln	Ln		SB	Lc	Lu
002	004	006	008	010	012	014	016	018	020
1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
2 0	1 1	3 0		3 3					
3 4	3 4	3 4		3 4					
3 2	0 0	2 1		1 1					

1 WHEAT 2nd Test Crop

2 Treatment crops 2nd year

021	023	025	027	029	031	033	035	037	039
1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
0 1	3 3	2 0	3 0	R				R	
3 4	3 4	3 4	3 4						
3 3	2 1	3 3	2 3	c n				n c	
Lu	Ln	A	Lc		Ln	Lu	Lc		SB
022	024	026	028	030	032	034	036	038	040
1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
0 1	1 2	0 1	1 2						
3 4	3 4	3 4	3 4						
2 2	0 0	1 2	0 1						

3 WHEAT 2nd Test crop

4 Treatment crops 2nd year

041	043	045	047	049
1 2	1 2	1 2	1 2	1 2
2 4	2 3	2 4	2 4	3 2
Lu	Lc	Ln	R5	A
042	044	046	048	050
1 2	1 2	1 2	1 2	1 2
3 1	4 1	1 3	3 1	4 1

5 Wheat 8th cereal

$R^{3,4,5,8,9}$ = 1963, 1964, 1965 etc., the year 'R' under 1st arable crop.

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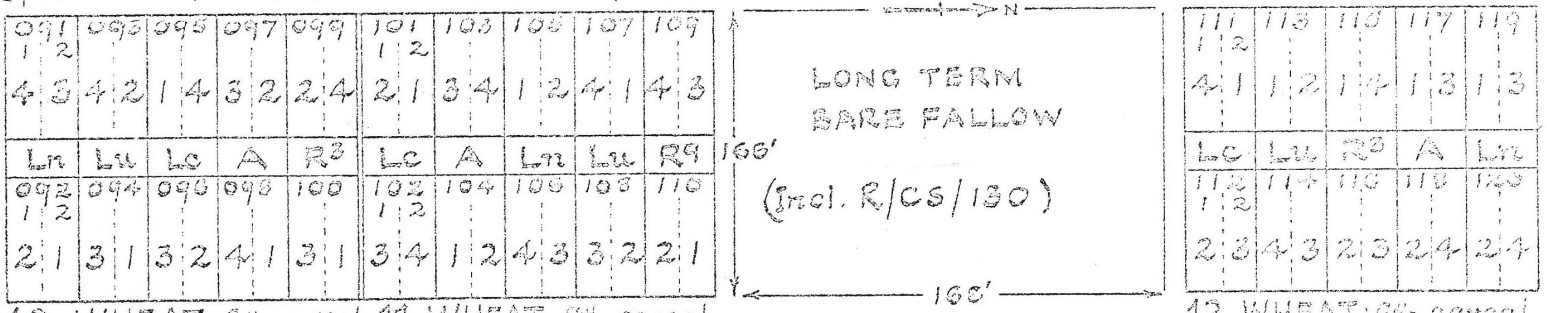
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Rothamsted LEY-ARABLE 27th year 75/R/RN/2 FOSTERS 1975

Sponsors: Blocks 1-4 AE Johnston, Blocks 5-12 D.B. Slope

Erected Plan

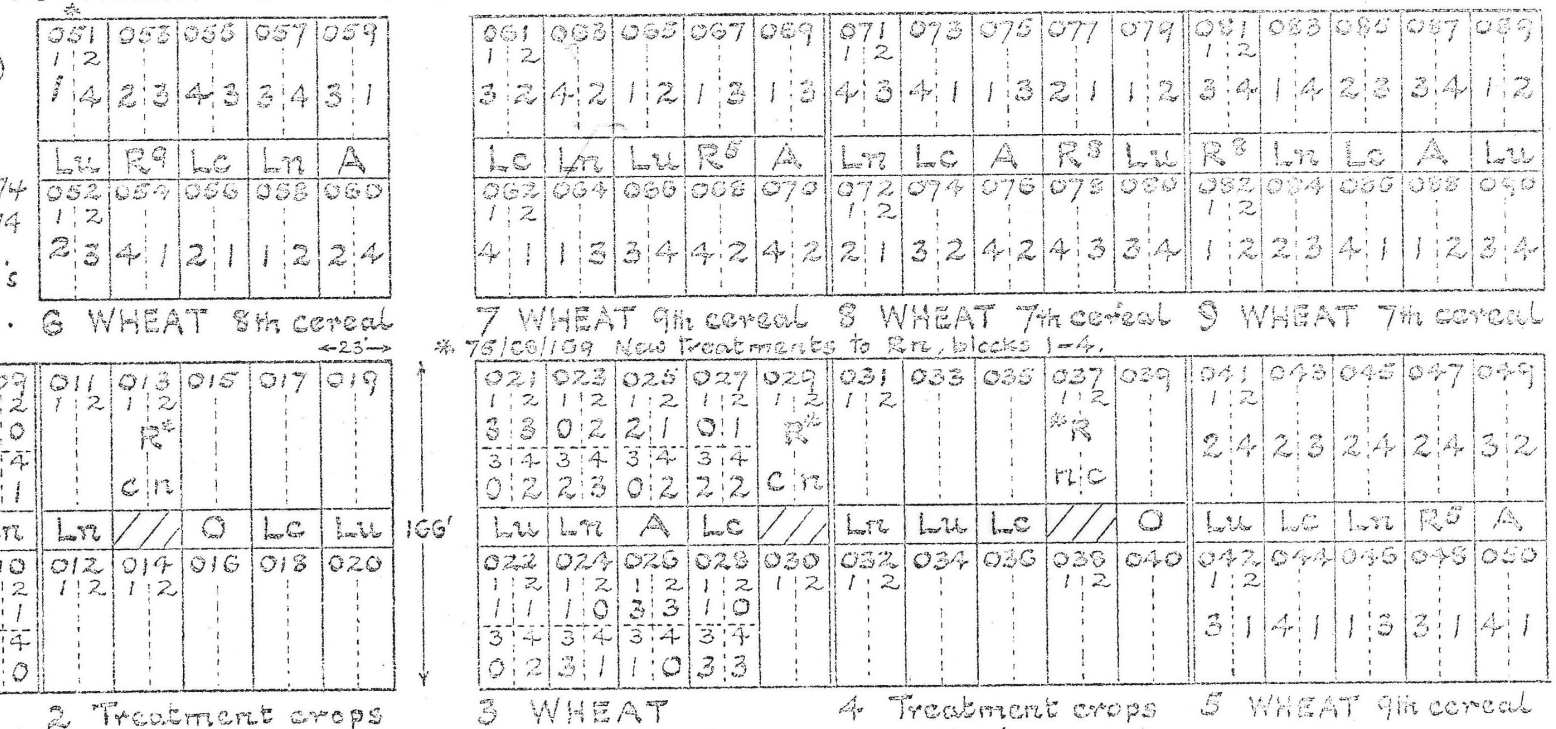
sub-plots 0511*
and 6521
entments transposed
ield.



WW - Cappelle
sown at 180 lb/acre
with 336 lb/a (376 kg/ha)
of (0:20:20) cd.

Blks 5-12 sown 15 Oct 1974
Blk 1-3 sown 31 Oct 1974

'd in error Order of N's reversed.



Note: R^3, R^4 etc refers to year R (Reseeded grass) under 1st arable crop, ie 1963, 1964

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Rothamsted LEY-ARABLE 28th Year 76/R/RN/2 FOSTERS 1976

Sponsors: Blocks 1-4 A.E. Johnston, Blocks 5-12 D.B. Slope

N

091 1 2	093	095	097	099	101 1 2	103	105	107	109
4 3	4 (2)	1 4	3 (2)	(2) 4	2 1	3 4	1 2	4 1	4 3
Ln	Lu	Lc	A	R^3	Lc	A	Ln	Lu	R^9
092	094	096	098	100	102	104	106	108	110
(2) 1	3 1	3 (2)	4 1	3 1	3 4	1 2	4 3	3 2	2 1

166'

Long Term Bare Fallow

(Incl. R/CS/130)

166'

111 1 2	113	115	117	119
4 1	1 (2)	1 4	1 3	1 3
Lc	Lu	R^3	A	Ln
112	114	116	118	120
(2) 3	4 3	(2) 3	2 4	2 4

10 WHEAT 7th Cereal 11 WHEAT 9th Cereal 12 WHEAT 7th Cereal

Varieties:

WW Cappelle Sown: 22 Oct 75

P Pentland Crown

051 1 2	053	055	057	059
2 4	2 3	4 3	3 4	3 1
Lu	R^9	Lc	Ln	A
052	054	056	058	060
1 3	4 1	2 1	1 2	2 4

N 76

Rotation

Symes

6 WHEAT 9th Cereal

061	063	065	067	069
(no cross cultivations)				
FALLOW				
Lc	Ln	Lu	R^5	A

7

071 1 2	073	075	077	079
4 3	4 1	1 3	2 1	1 2
Ln	Lc	A	R^8	Lu
072	074	076	078	080
2 1	3 2	4 2	4 3	3 4

8 WHEAT 8th Cereal

081 1 2	083	085	087	089
3 4	1 4	2 3	3 4	1 2
R^8	Ln	Lc	A	Lu
082	084	086	088	090
1 2	2 3	4 1	1 2	3 4

9 WHEAT 8th Cereal Cappelle

* 76/CS/169 New treatments to Rn, blocks 1-4

001 1 2	003	005	007	009
			R*	
			n c	
Lc	H	Lu	///	Ln
002	004	006	008	010

011	013	015	017	019
(1) 3	R*	- 3	3 2	2 1
D D	C n	F D	F D	D F
Ln	///	A	Lc	Lu
012	014	016	018	020
- 2		1 2	- 1	- 3
F F		D F	D F	D F

1 Treatment Crops 1st Year

2 POTATOES (P.W.W) 1st Test Crop

021 1 2	023	025	027	029
				R*
				c n
Lu	Ln	H	Lc	///
022	024	026	028	030

031	033	035	037	039
2 1	- 2	2 1	R*	- 2
D F	F F	F D	n c	D D
Ln	Lu	Lc	///	A
032	034	036	038	040
- 3	3 1	3 -		1 3
D F	D D	D F		F F

3 Treatment Crops 1st Year

4 POTATOES (P.W.W) 1st Test Crop

041	043	045	047	049
FALLOW				
Lu	Lc	Ln	R^5	A

166'

23'

5

Note: R^3, R^4 etc., refers to year (Reseeded grass) under 1st arable crop, i.e. 1963, 1964 Residuals: F, D None, Dung

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Rolleamsted LEY-ARABLE 29th Year 77/R/RN/2 FOSTERS 1977

Sponsors: Blocks 1-4 A.E. Johnston. Blocks 5-12 D.B. Slope

NEW SEQUENCES (Blocks 5&7):

LU Lucerne as hitherto, variety resistant to Verticillium

LC Grass/clover ley, as hitherto, species & mixture unchanged

RG Perennial ryegrass (3 years) - farm choice of variety

B Barley, Julia

O Oats, Manod

ALL SPRING (1977) SOWN

WHEAT (Blocks 8,9,10,12):

Baffelle, basal N (125 kg/ha) — no yields

Sown 25/11/77

WHEAT (Blocks 2,4):

Baffelle, Est N, -, 1, 2, 3: 0, 50, 100, 150 kg N/ha.

Yields required

Sown 24/11/77

revised March 1977 incorporating N rest to blocks 2 & 4

091½	093	095	097	099	101	103	105	107	109
Ln	Lu	Lc	A	R3	FALLOW				
092	094	096	098	100	(Lc)	(A)	(Ln)	(Lu)	(Rg)

10 WHEAT 8th Cereal — 11

Long Term Bare Fallow (inc. R/CS/130)

166' × 166'

111	113	115	117	119
Lc	Lu	R3	A	Ln
112	114	116	118	120

12 WHEAT 8th Cereal

051	053	055	057	059
FALLOW				
(Lu)	(Rg)	(Lc)	(Ln)	(A)

6

061	063	065	067	069	071	073	075	077	079	081	083	085	087	089
Lc	RG	Lu	B	O	Ln	Lc	A	R8	Lu	R8	Ln	Lc	A	Lu
062	064	066	068	070	072	074	076	078	080	082	084	086	088	090
(Lc)	(Ln)	(Lu)	(R5)	(A)										

7 NEW SEQUENCES — 8 WHEAT 9th Cereal — 9 WHEAT 9th Cereal

001	003	005	007	009	011	013	015	017	019
			R		1 3	R	-3	3 2	2 1
			c		D D	c n	F D	F D	D F
Lc	Sb	Lu	///	Ln	Ln	///	A	Lc	Lu
002	004	006	008	010	012	014	016	018	020
					-2		12	-1	-3
					F F		D F	D F	D F

1 Treatment Crops 2nd Year — 2 WHEAT (P.W.W) 2nd Test Crop

021	023	025	027	029	031	033	035	037	039	041	043	045	047	049
				R	2 1	-2	2 1	R	-2					
				c n	D F	F F	F D	n c	D D					
Lu	Ln	Sb	Lc	///	Ln	Lu	Lc	////	A	Lu	Lc	RG	B	O
022	024	026	028	030	032	034	036	038	040	042	044	046	048	050
					-3	3 1	3 -		1 3					
					D F	D D	D F		F F	(Lu)	(Lc)	(Ln)	(R5)	(A)

3 Treatment Crops 2nd Year — 4 WHEAT (P.W.W) 2nd Test Crop — 5 NEW SEQUENCES 23'

166

NOTE R3, R5 etc refer to year that reseeded grass first under arable crop (1963, 1965 etc.)

Residuals: F. D None. Dung

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Rothamsted LEY - ARABLE FOR Year 78 'R/RN/2 FOOTLES 1978

Sponsors: Blocks 1-4 A.E. Johnston, Blocks 5-12 D.B. Slope

CROPPING

WHEAT (Blocks 10, 12)

Cappelle, basal N @ 125 kg/ha, no yields.

NEW SEQUENCES (Blocks 5, 6, 7, 8)

Lu Lucerne, Vertus

Lc Grass/clover as 1977

RG Perennial ryegrass (3 yrs as 1977

B Barley, Julia

O Oats, Manod

P Potatoes, Pentland Crown

WHEAT (Blocks 2 & 4)

Cappelle, Test N, Yields required

-, 1, 2, 3 : 0, 50, 100, 150 kg N/ha

TREATMENT CROPS (Blocks 1 & 3)

Lu Lucerne

Ln Grass ley

Lc Grass/clover ley

O Oats, Manod

R Reseeded grass

091	093	095	097	099	101	103	105	107	109
Ln	Lu	Lc	A	R_3	Lc	O	RG	Lu	B
092	094	096	098	100	102	104	106	108	110
					(Lc)	(A)	(Ln)	(Lu)	(R_9)

10 WHEAT 9th Cereal — 11 NEW SEQUENCES (1ST YEAR)

Long Term Rave Faron (inc R'CS/120)

166' × 166'

N

111	113	115	117	119
Lc	Lu	R_3	A	Ln
112	114	116	118	120

12 WHEAT 9th Cereal

051	053	055	057	059
Lu	B	Lc	RG	O
052	054	056	058	060
(Lu)	(R_9)	(Lc)	(Ln)	(A)

6 NEW SEQUENCES (1ST YEAR)

061	063	065	067	069	071	073	075	077	079	081	083	085	087	089
Lc	RG	Lu	B	P	FALLOW					FALLOW				
062	064	066	068	070	072	074	076	078	080	082	084	086	088	090
(Lc)	(Ln)	(Lu)	(R_5)	(A)	(Ln)	(Lc)	(A)	(R_8)	(Ln)	(R_9)	(Ln)	(Lc)	(A)	(Ln)

7 NEW SEQUENCES (2nd YEAR) 8 9 23'

001	003	005	007	009	011	013	015	017	019
			R		1 | 3	R	-1 | 3	3 | 2	2 | 1
			n | c		(D) | (D)	c | n	(F) | (D)	(F) | (D)	(D) | (F)
Lc	O	Lu		Ln	Ln		A	Lc	Lu
002	004	006	008	010	012	014	016	018	020
					-| 2		1 | 2	-| 1	-| 3
					(D) | (F)		(D) | (F)	(D) | (F)	(D) | (F)

1 Treatment Crops 3rd Year — 2 WHEAT (P.W.W.) 3rd Test Crop

021	023	025	027	029	031	033	035	037	039	041	043	045	047	049
				R	2 | 1	-| 2	2 | 1	R	-| 2				
				c | n	(D) | (F)	(F) | (F)	(F) | (D)	n | c	(D) | (D)				
Lu	Ln	O	Lc		Ln	Lu	Lc		A	Lu	Lc	RG	B	P
022	024	026	028	030	032	034	036	038	040	042	044	046	048	050
					-| 3	3 | 1	3 | -		1 | 3				
					(D) | (F)	(D) | (D)	(D) | (F)		(F) | (F)				

166'

3 Treatment Crops 3rd Year — 4 WHEAT (P.W.W.) 3rd Test Crop — 5 NEW SEQUENCES (2nd Year)

NOTE: R_3, R_9 etc. refers to year that reseeded (R) grass first under arable crop (1963, 1969 etc)

(F)(D): None, Dung (residual treatments); c, n: None, N & K top dressed in spring & after each cut except the last

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POTHAMSTED LEY-ARABLE 31st year '79/R/RN/2 FOSTERS 1979

SPONSORS: Blocks 1–4 AE Johnston Blocks 5–12 D.B.Slope

CROPPING

NEW SEQUENCES (Blocks 5, 6, 7, 8, 9, 11)

- Lu Lucerne Vertus
- Lc Grass/Clover
- RG Perennial ryegrass
- W W. Wheat, Flanders
- BE Beans, Maris Bolton
- B Barley Portbarley
- O Oats, Maxwell
- P Potatoes, Pentland Crown (FS)

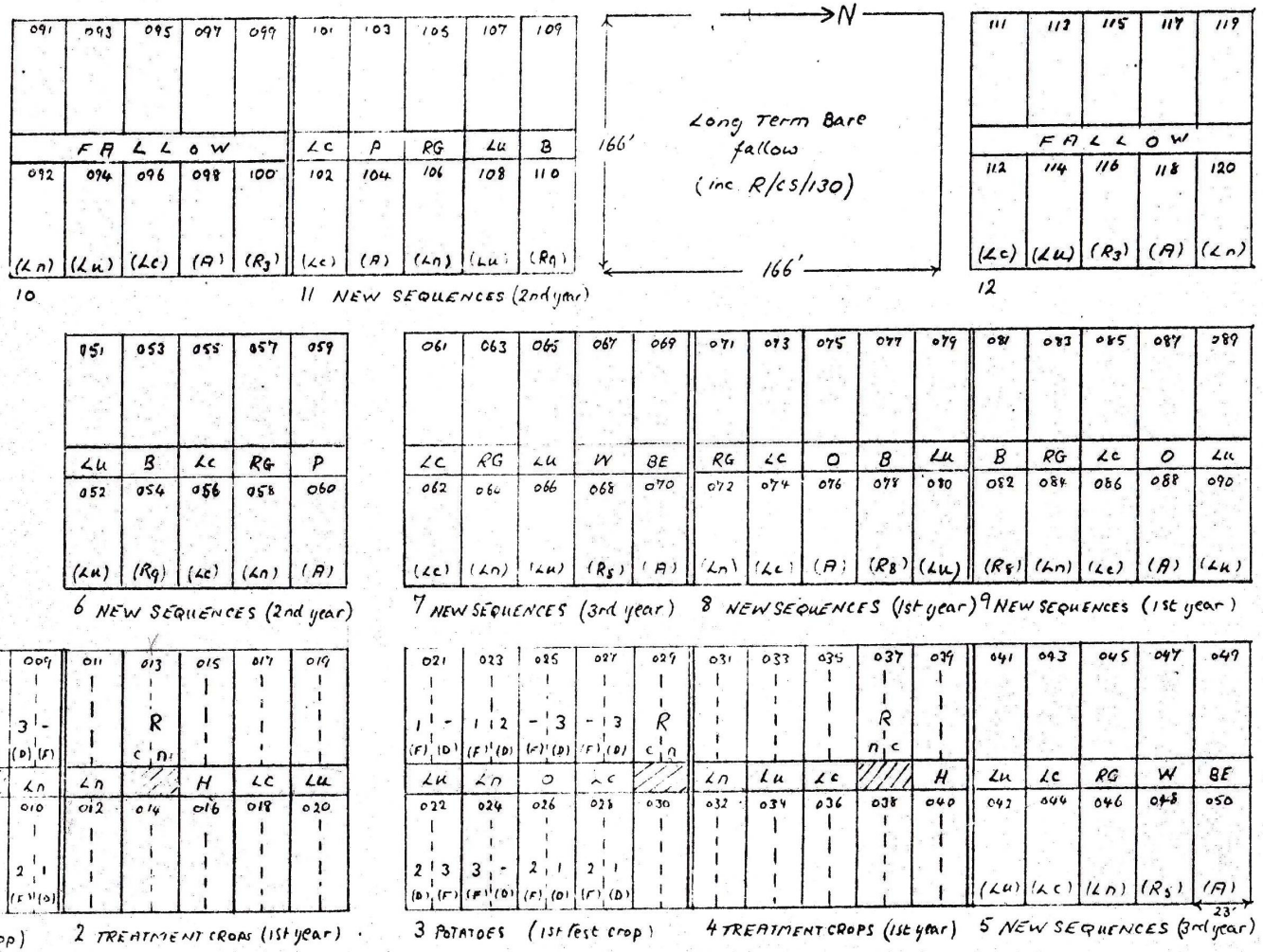
POTATOES (Blocks 1 + 3)

Pentland Crown Test N Yields required

-, 1, 2, 3: 0, 80, 160, 240 kgN/ha

TREATMENT CROPS (Blocks 2 + 4)

- Lu Lucerne
- Ln Grass Ley
- Lc Grass/Clover ley
- R Reseeded grass
- H 1st year hay



NOTE: R3, Rq etc. refers to year that reseeded (R) grass first under arable crop (1963, 1969 etc)

(F), (D): None, Dung (residual treatments); c, n: None, N + K top dressed in Spring and after each cut except the last.

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