

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Collection of Plans for the Hoos Barley Experiment

[Full Table of Content](#)



Default Title

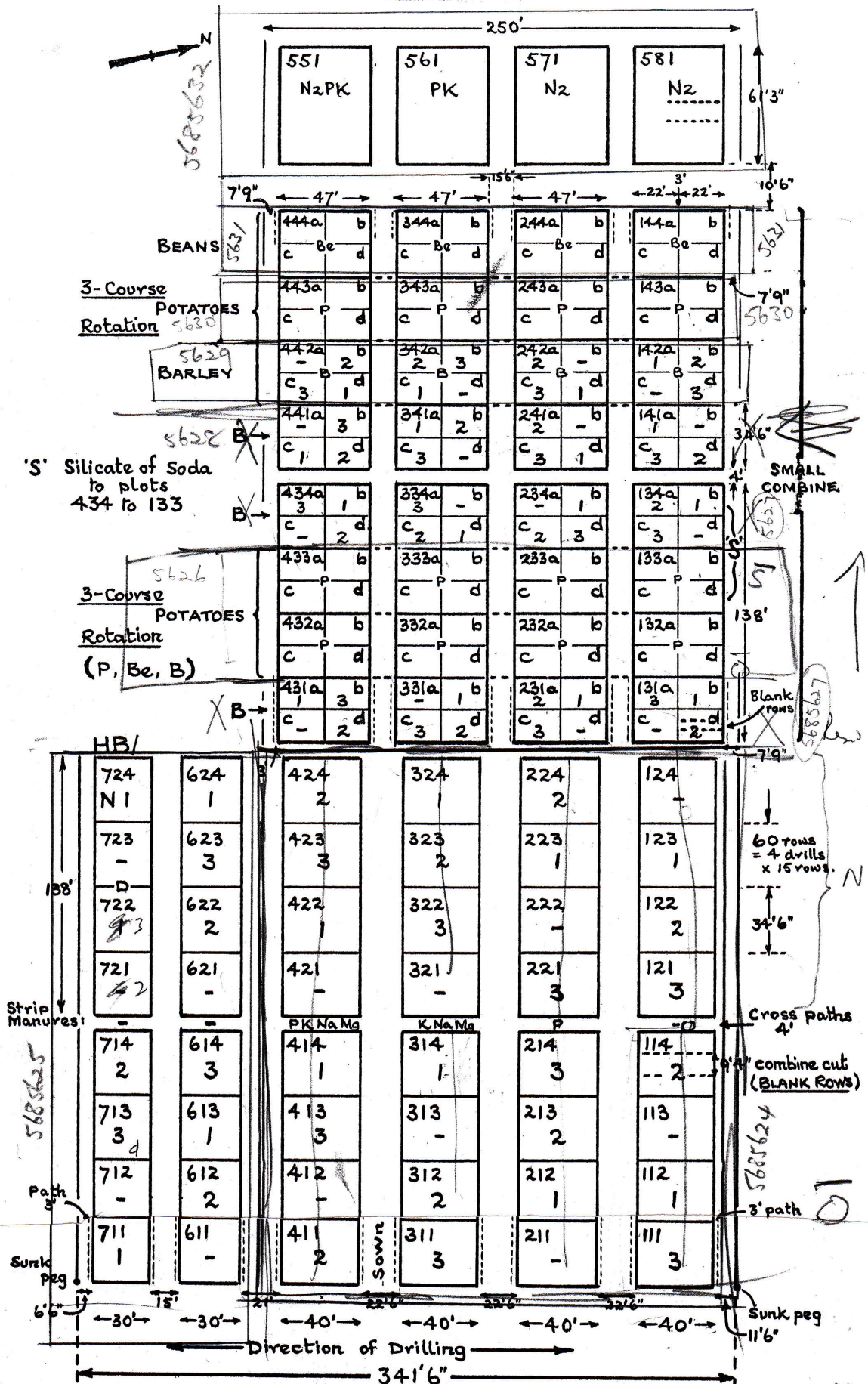
Rothamsted Research

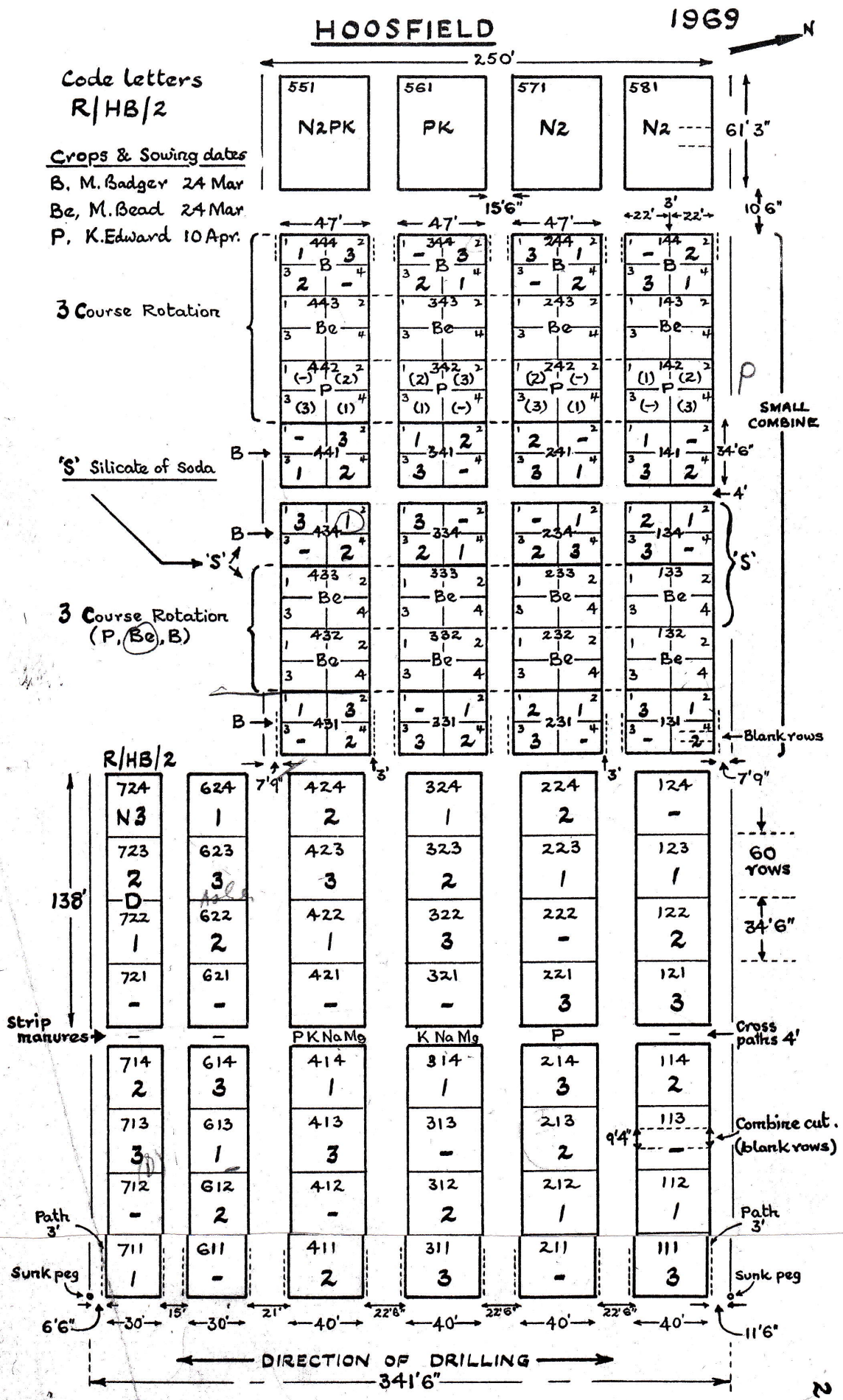
Rothamsted Research (1968-1987) *Default Title* ; Collection Of Plans For The Hoos Barley Experiment, pp 1 - 20

Code Letter: HB

HOOSFIELD

1968





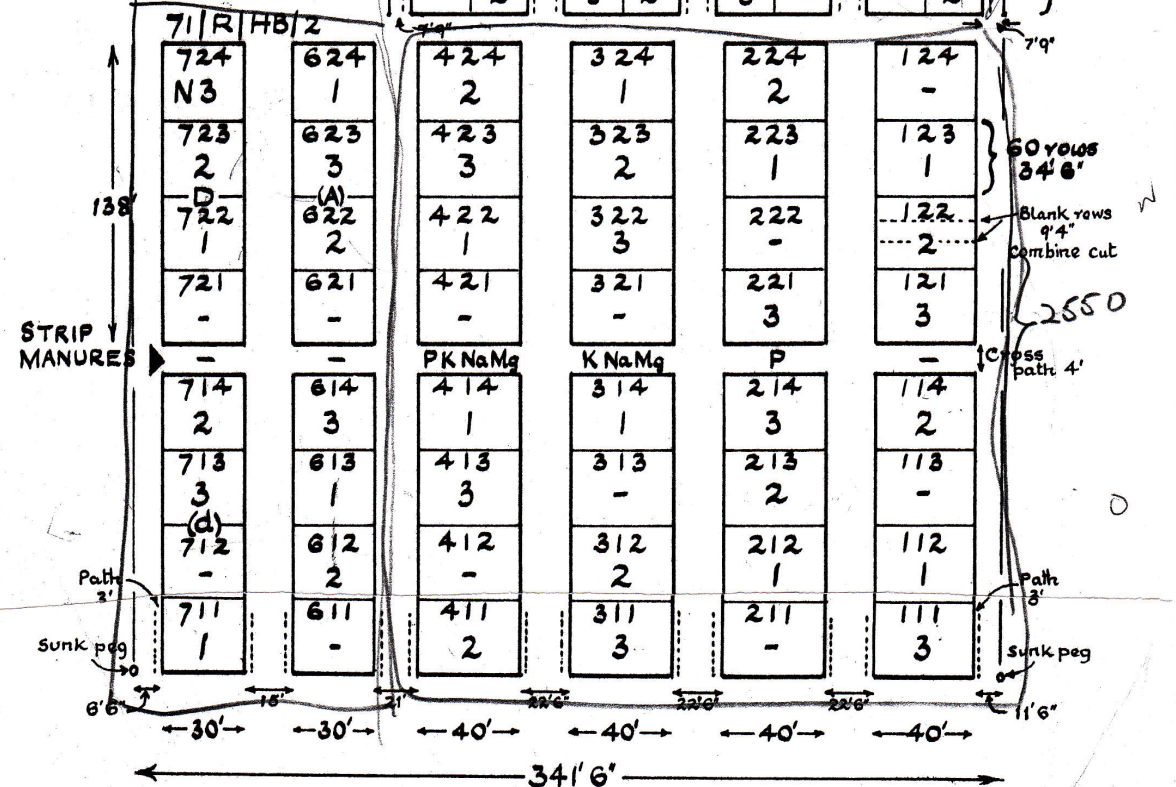
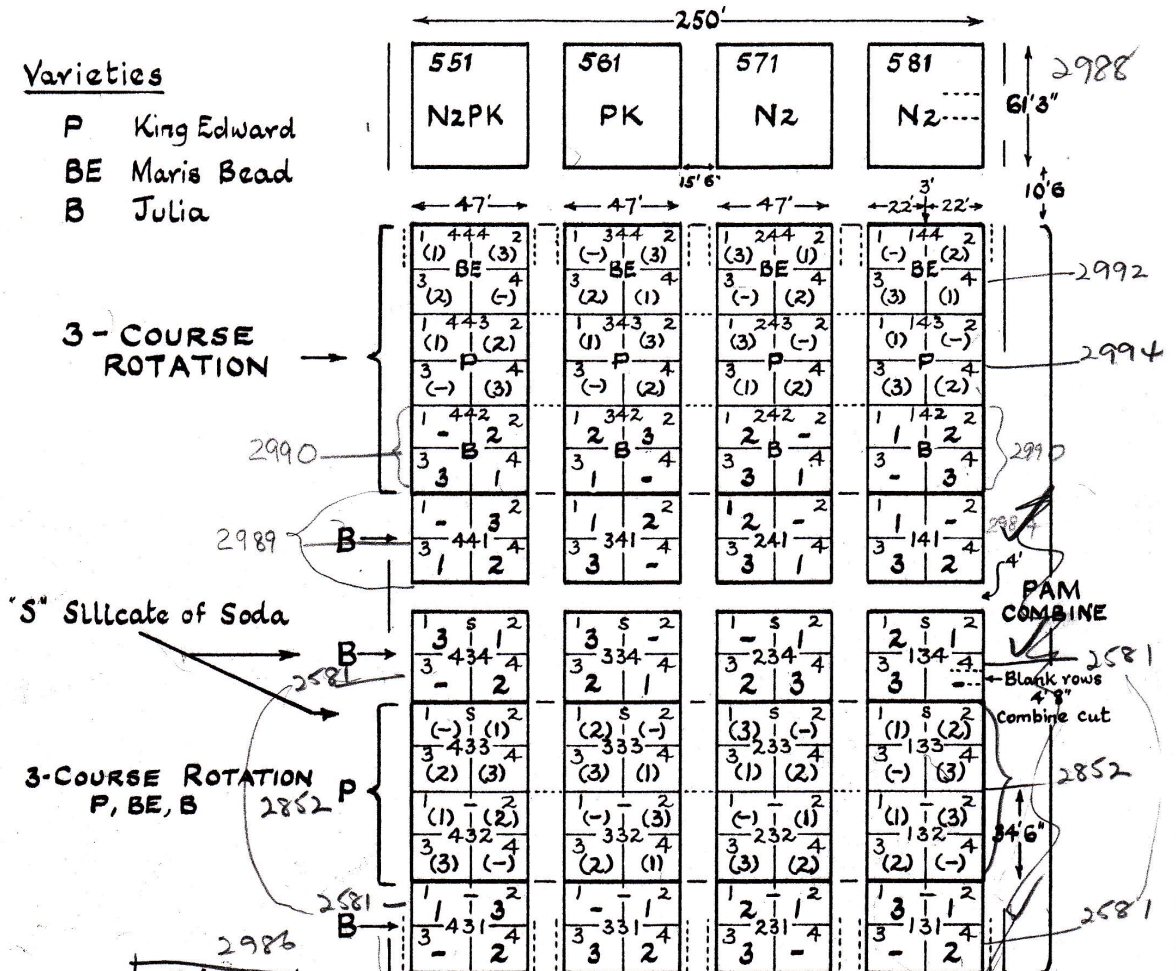
71/R/HB/2

HOOSFIELD



Varieties

- P King Edward
- BE Maris Bead
- B Julia



← DIRECTION OF DRILLING →
 Sowing dates: Barley and Beans, 24 Feb. 1971. Potatoes, 2 Apr 1971

120

1972

HOOSFIELD

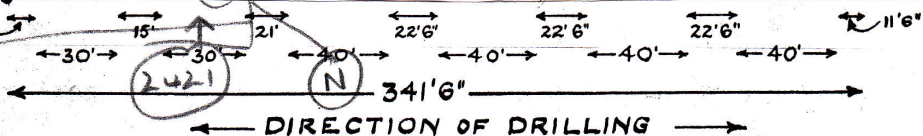
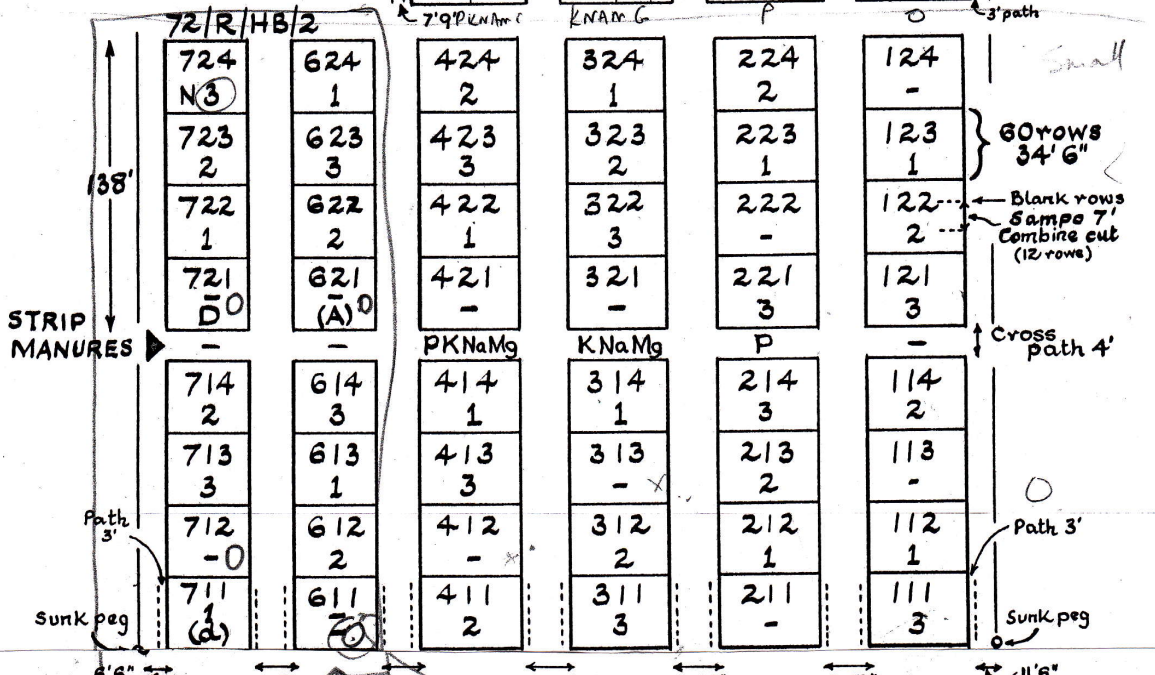
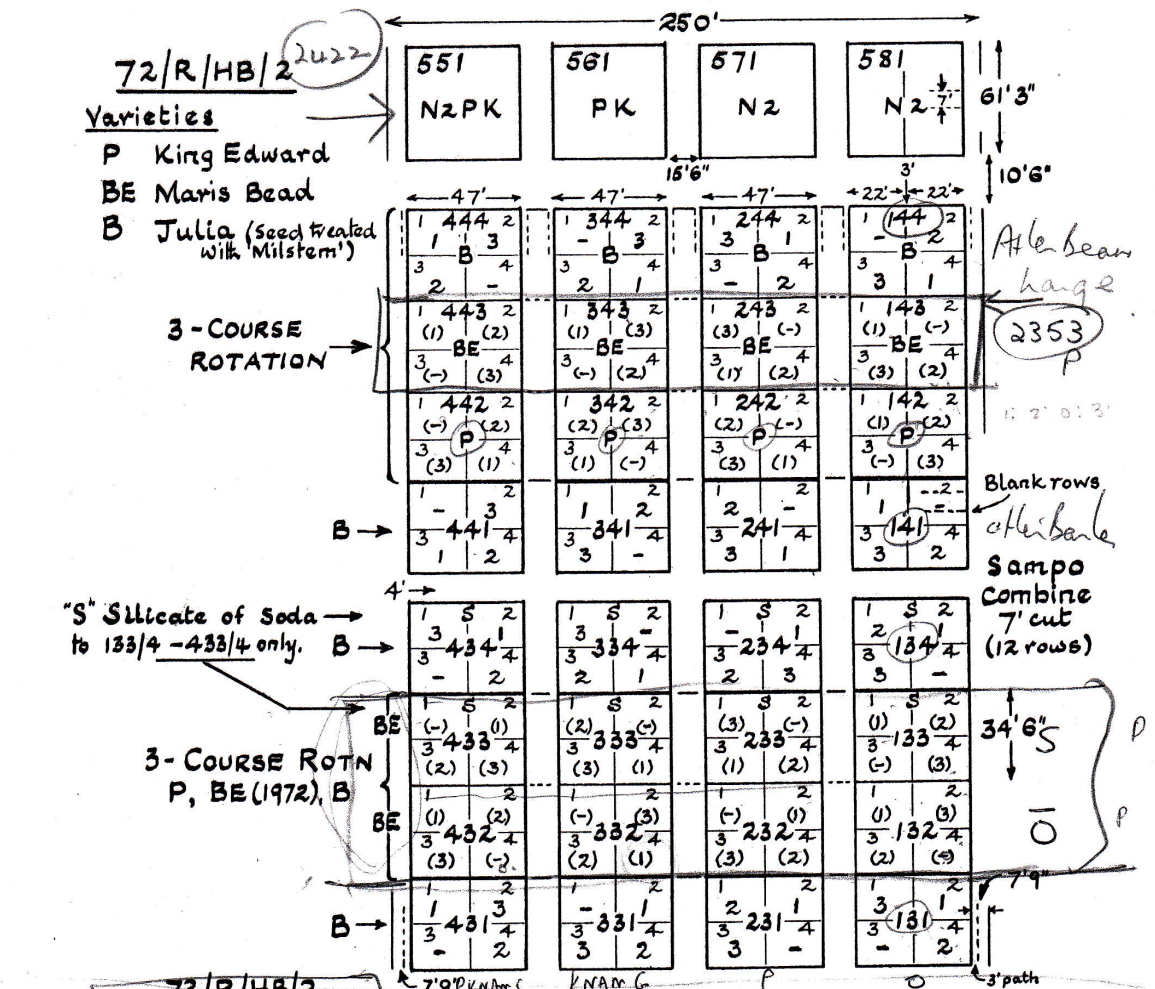


72/R/HB/2 (2022)
Varieties
 P King Edward
 BE Maris Bead
 B Julia (seed treated with Miltstem')

3-COURSE ROTATION

"S" Silicate of Soda to 133/4 - 433/4 only.

3-COURSE ROTN P, BE (1972), B



Sowing Dates: Julia barley 15 March, Maris Bead beans 16 March. at 140lb/a at 200lb/a

N

1973

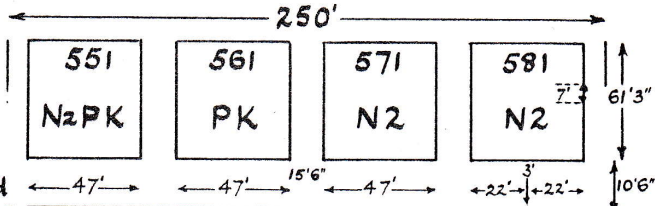
HOOSFIELD



73/R/HB/2

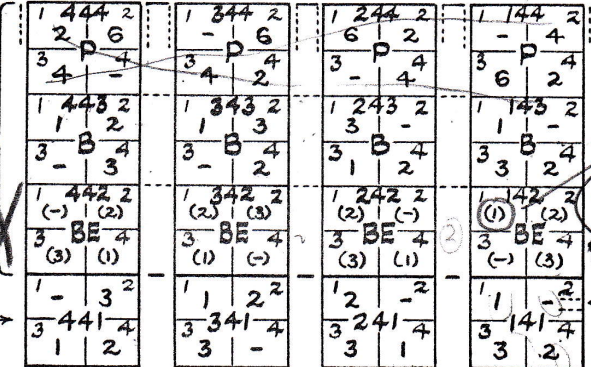
Varieties

- P King Edward
- BE Maris Bead
- B Julia (seed treated with ethirimol)



3-COURSE ROTATION
P, BE, B

[Castor bean meal to Series C (141-444) discontinued in 1968]



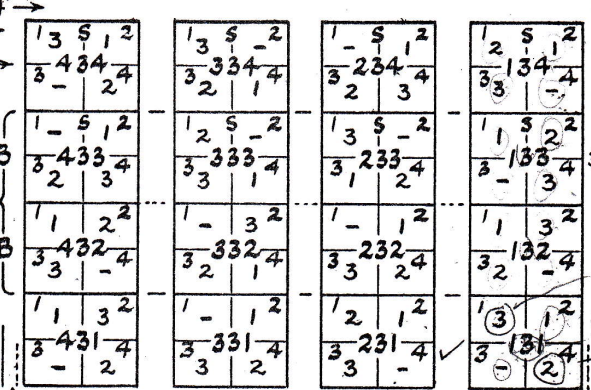
X
(N)

5731259
Blank rows

'Sampo' combine
7' cut
(12 rows)

'S' Silicate of soda
to 133/4 - 434/4 only

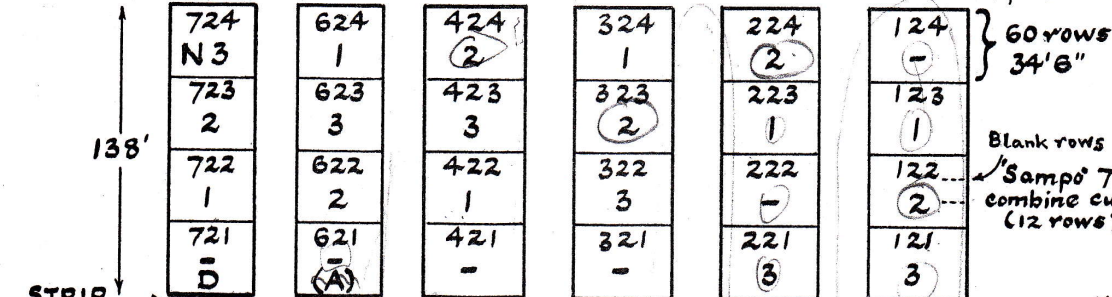
3-COURSE ROTN
P, BE, B



34'6"

79'

73/R/HB/2



60 rows
34'6"

Blank rows
'Sampo' 7' combine cut
(12 rows)

Cross path
4'

573996

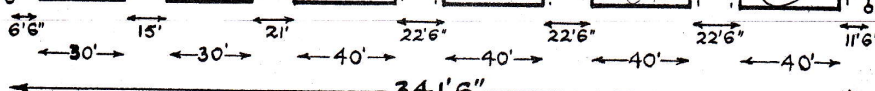
STRIP MANURES

Path 3'

Sunk peg

Path 3'

Sunk peg



DIRECTION OF DRILLING

Barley & Beans sown 8 Mar 1973 Potatoes planted

N

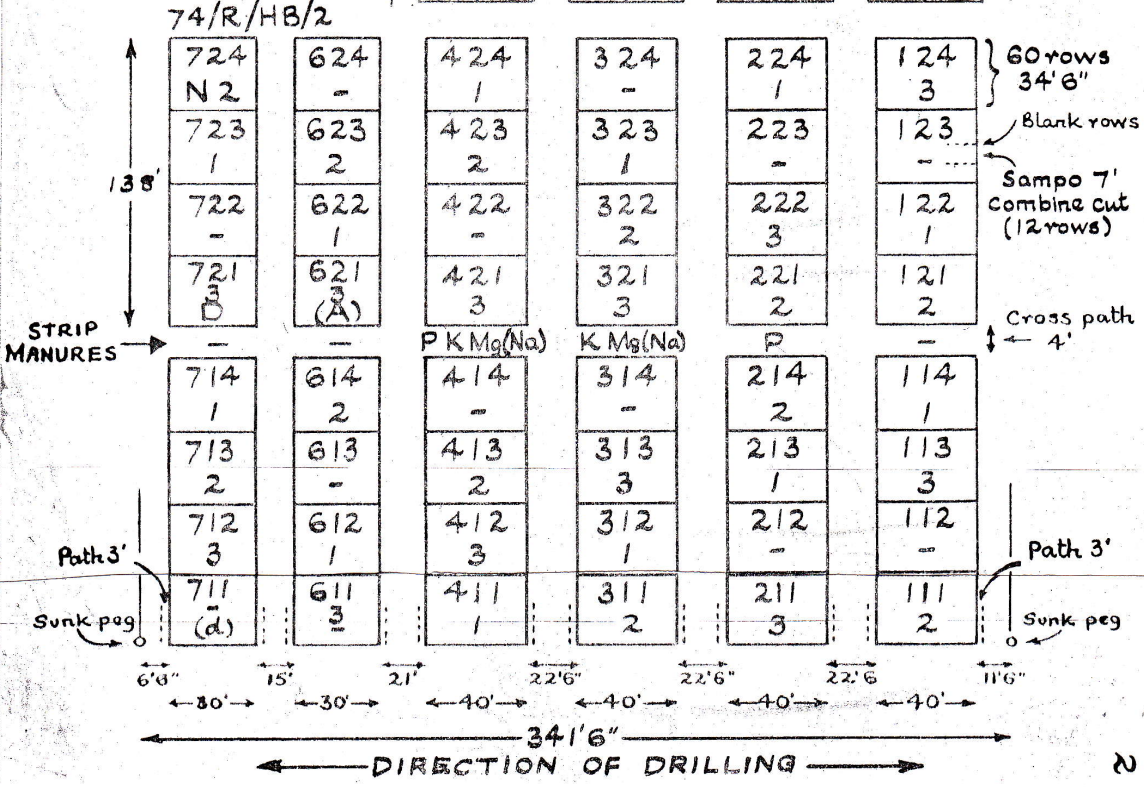
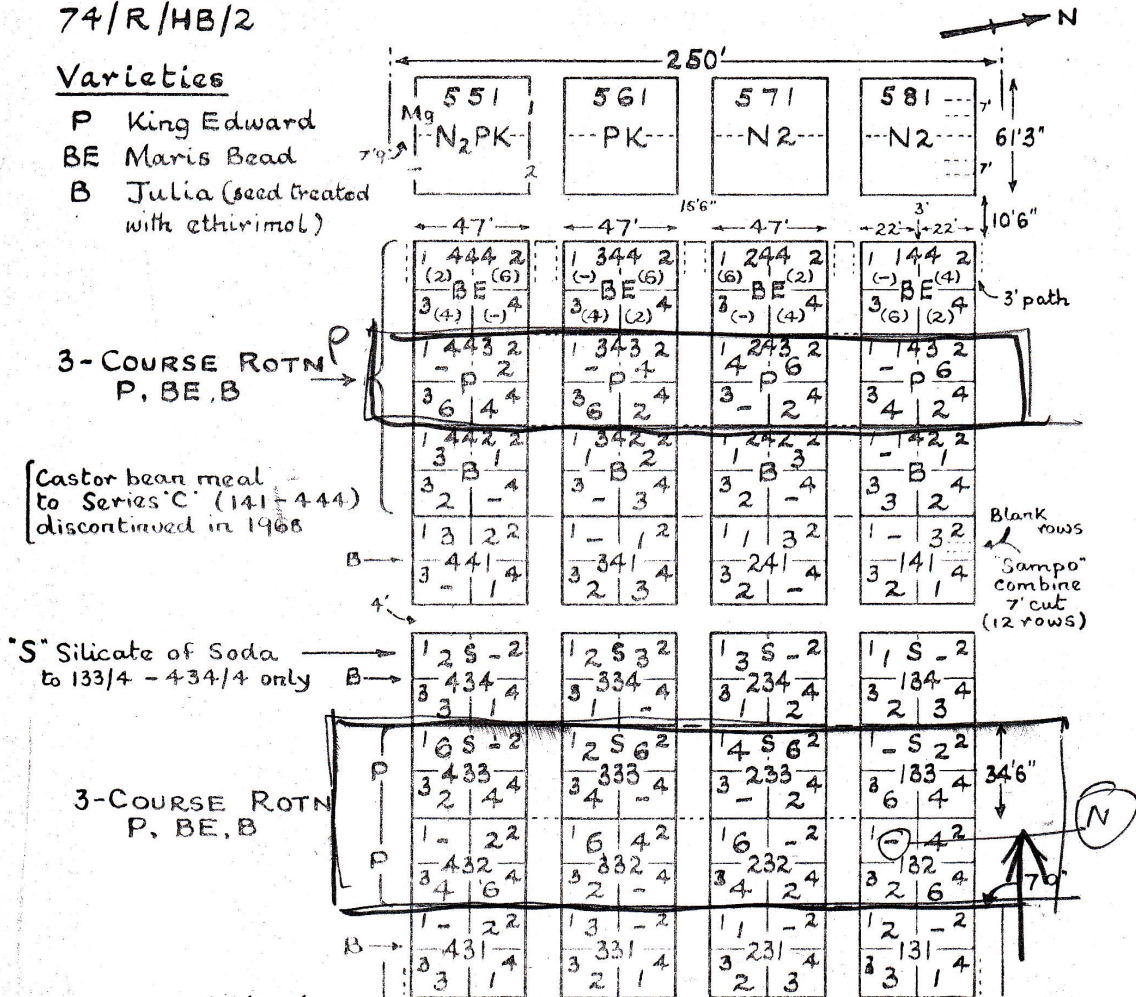
Revised N Scheme

HOOSFIELD 1974

74/R/HB/2

Varieties

- P King Edward
- BE Maris Bead
- B Julia (seed treated with ethirimol)



HOOSFIELD 1975

75/R/HB/2

Varieties

- P King Edward
- BE Maris Bead
- B Julia

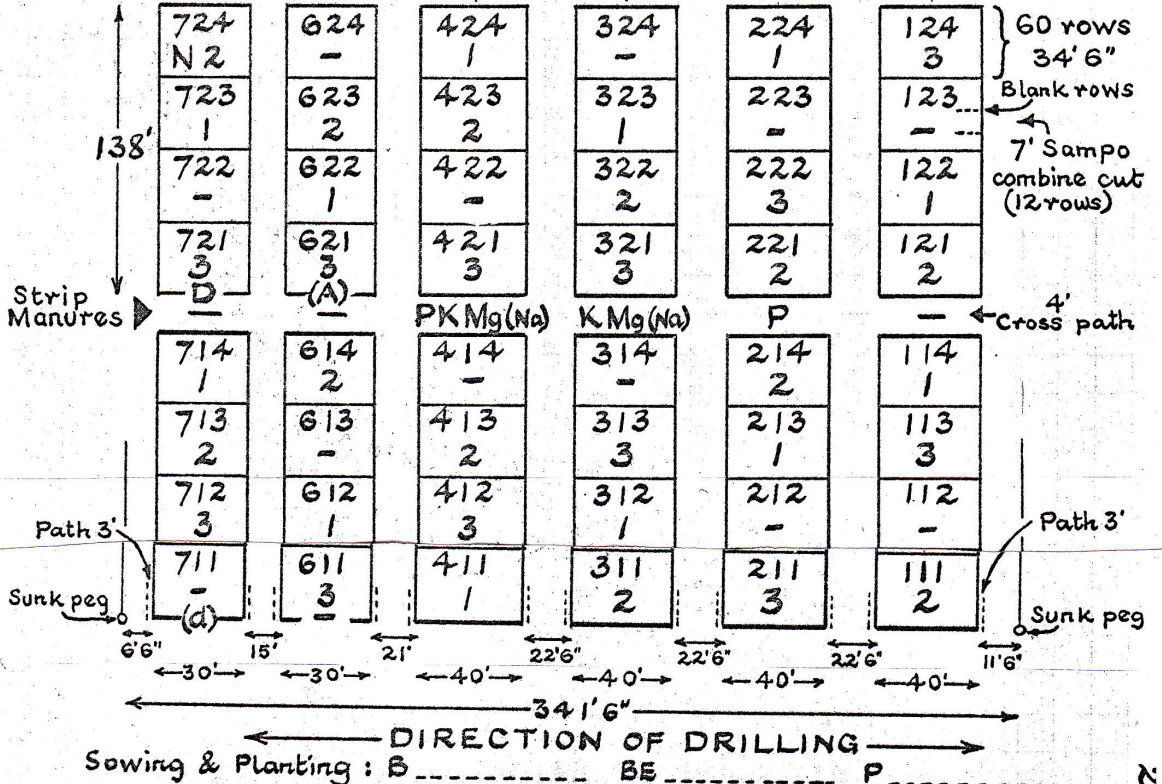
3-COURSE ROTN
P, BE, B

(Castor bean meal to Series 'C' (141-444) discontinued in 1968)

'S' Silicate of Soda to 133/4 - 434/4 only

3-COURSE ROTN
P, BE, B

75/R/HB/2

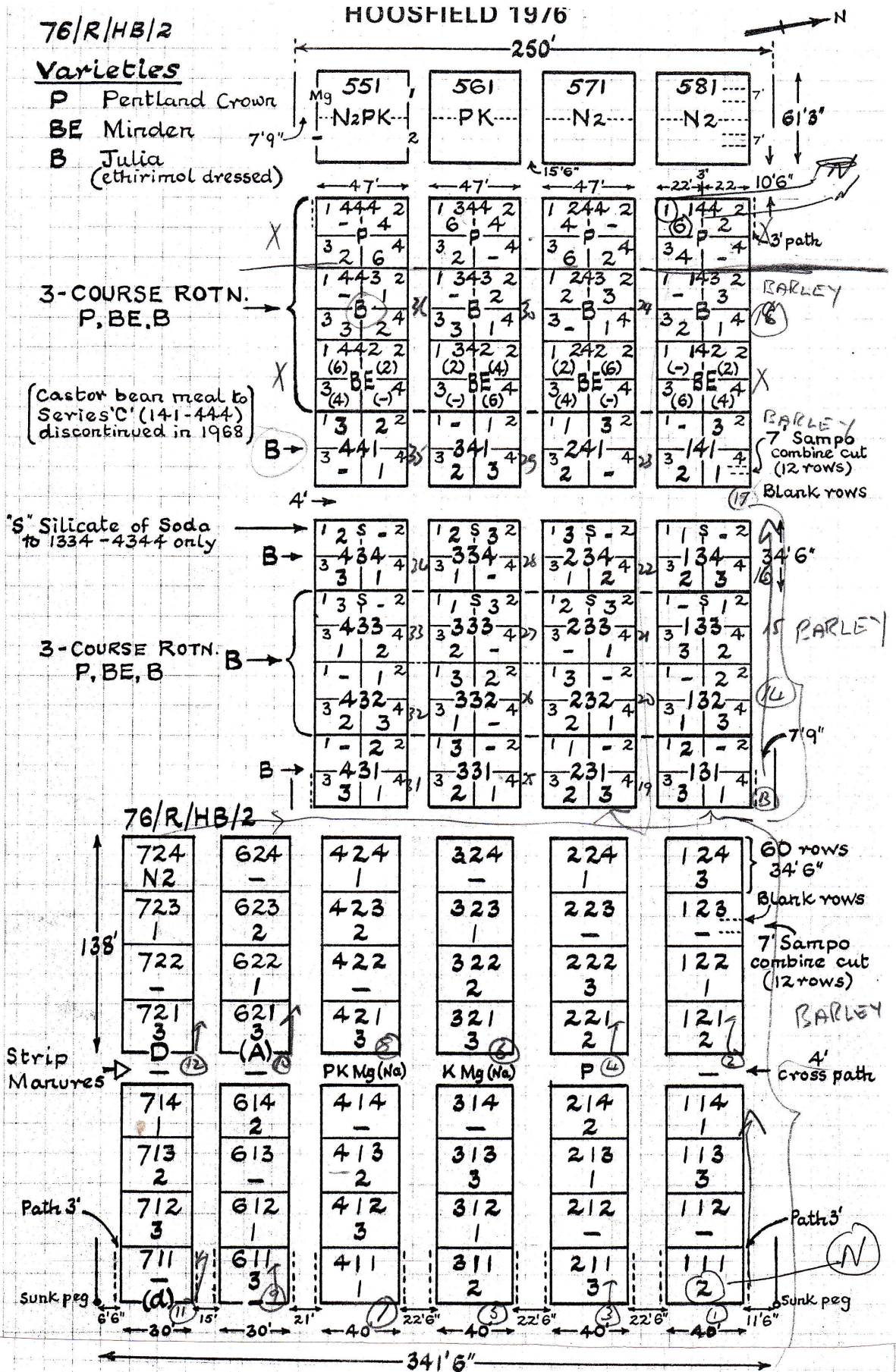


76/R/HB/2

HOOSFIELD 1976

Varieties

- P Pentland Crown
- BE Minden
- B Julia (ethirimol dressed)



HOOSFIELD 1977

77/R/HB/2

Varieties

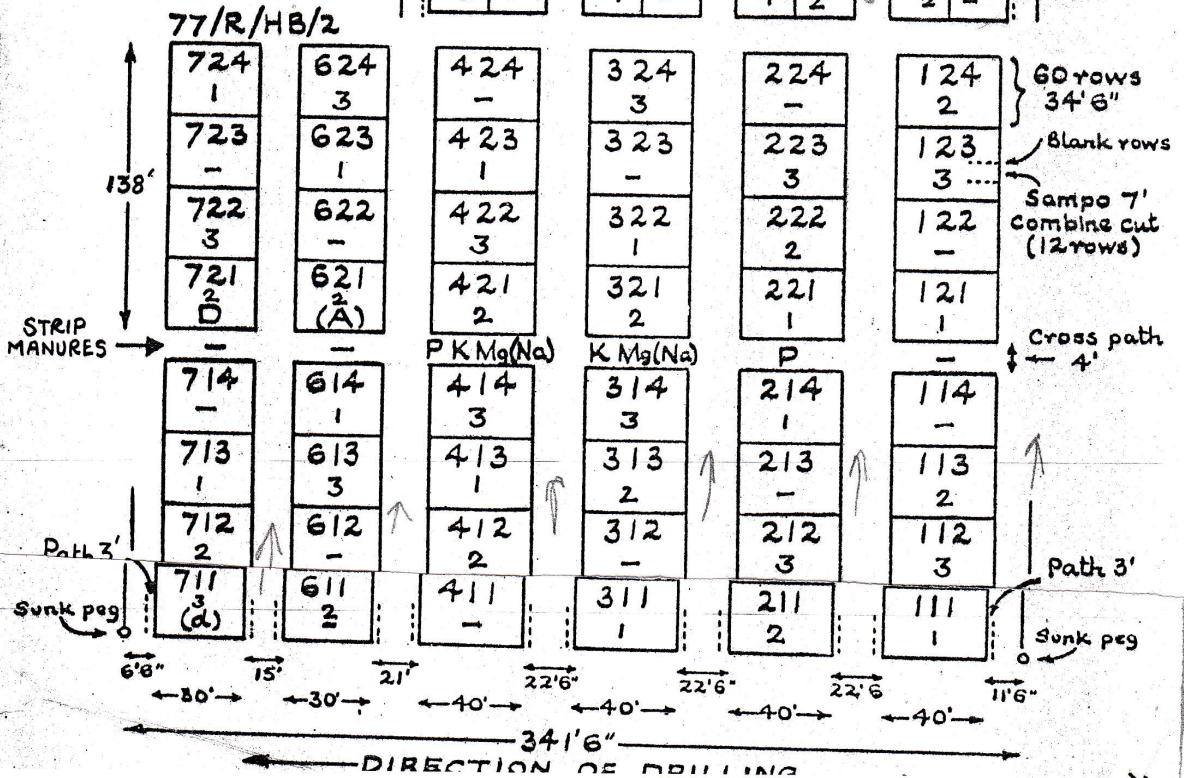
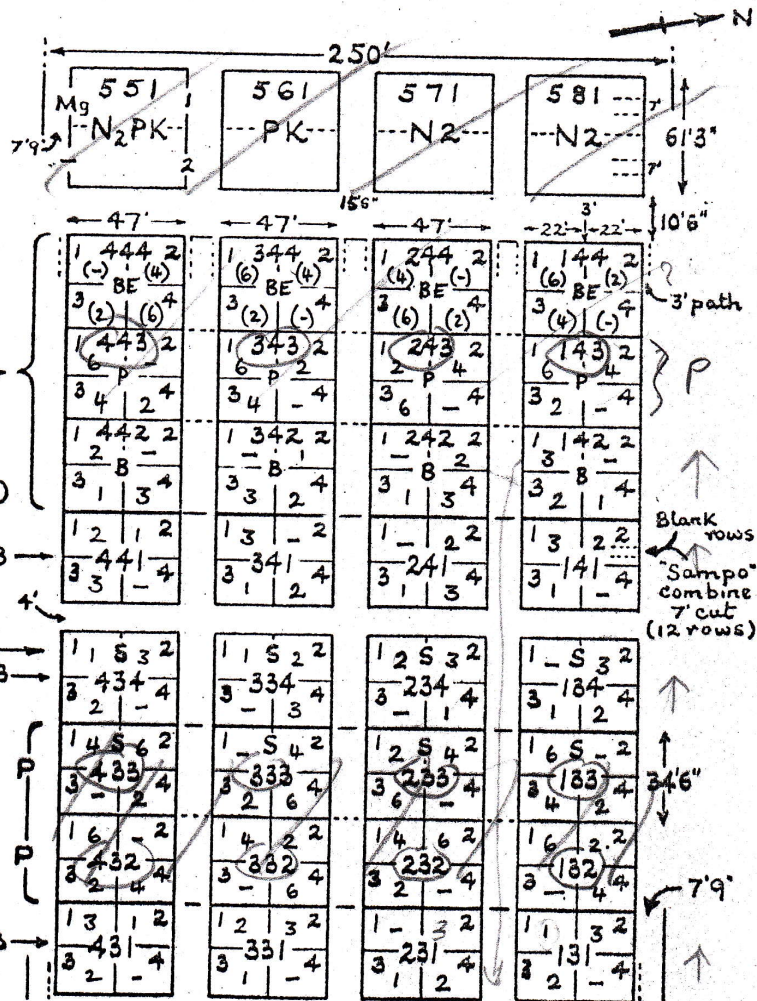
- P PenHand Crown
- BE Minden
- B Julia (seed treated with ethirimol)
- B sown 8/3/77
- BE sown 9/3/77
- P planted 19/4/77

3-COURSE ROTN
P, BE, B

Castor bean meal to Series 'C' (141-444) discontinued in 1968

S^o Silicate of Soda to 1334 - 4344 only

3-COURSE ROTN
P, BE, B



HOOSFIELD 1979

SPONSORS: J.F. Tenhyn, A.E. Johnston, I. McEwen

79/R/HB/2

ALL PLOTS IN BARLEY 1979

VARIETY

B Julia (seed not dressed ethereal) sown at 140 lb/ac (157 kg/ha) on 6 April

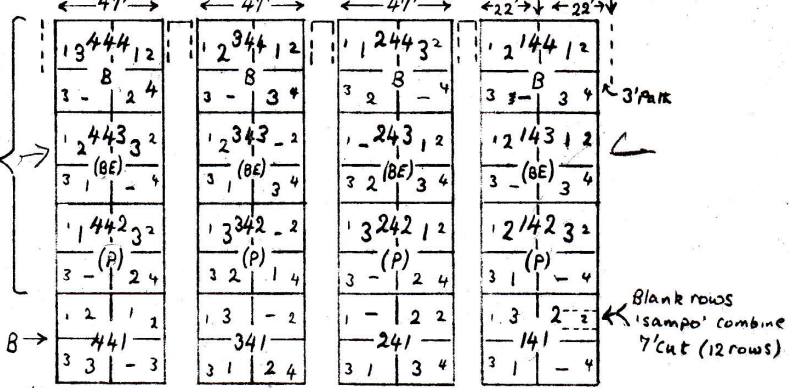
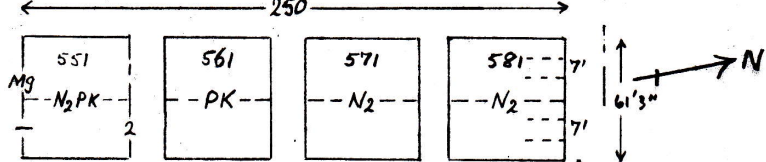
3-COURSE ROTATION

P, BE, B until 1978

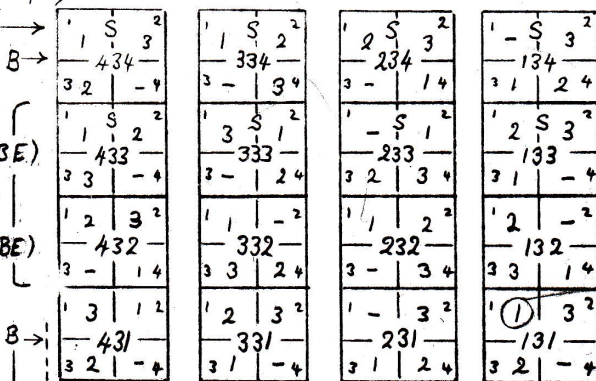
(P) = Potatoes 1978

(BE) = Beans 1978

[Castor bean meal to series 'c' (141-444) discontinued 1968



S' Silicate of soda to 133-434 only

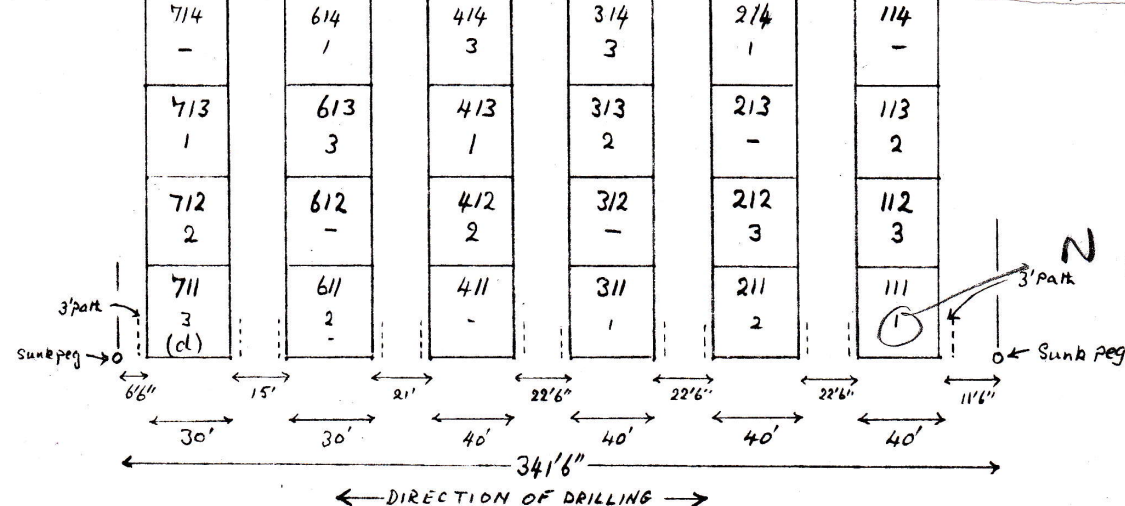
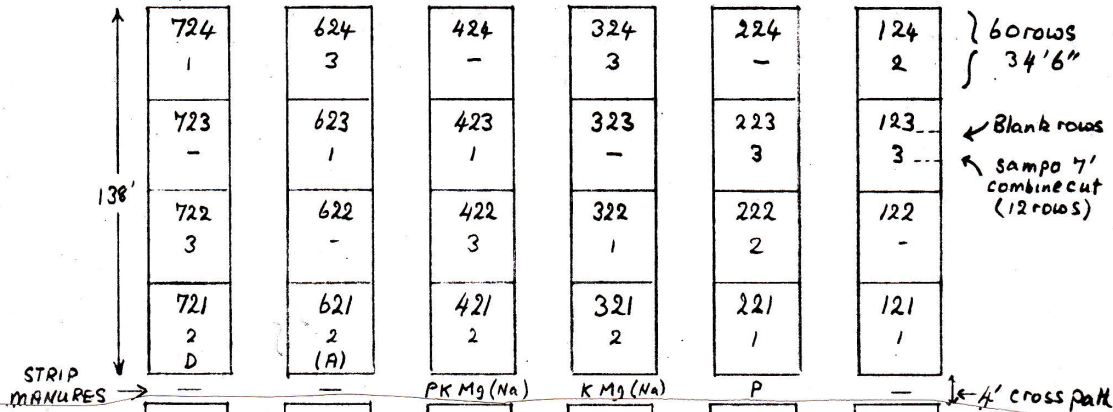


3 COURSE ROTATION

P, BE, B until 1978

(BE) = Beans 1978

79/R/HB/2



HOOSFIELD 1980

SPONSORS: J.F. Jenkyn, A.E. Johnston, J. McEwen

80/R/HB/2

HLL PLOTS IN BARLEY FROM 1979

VARIETY

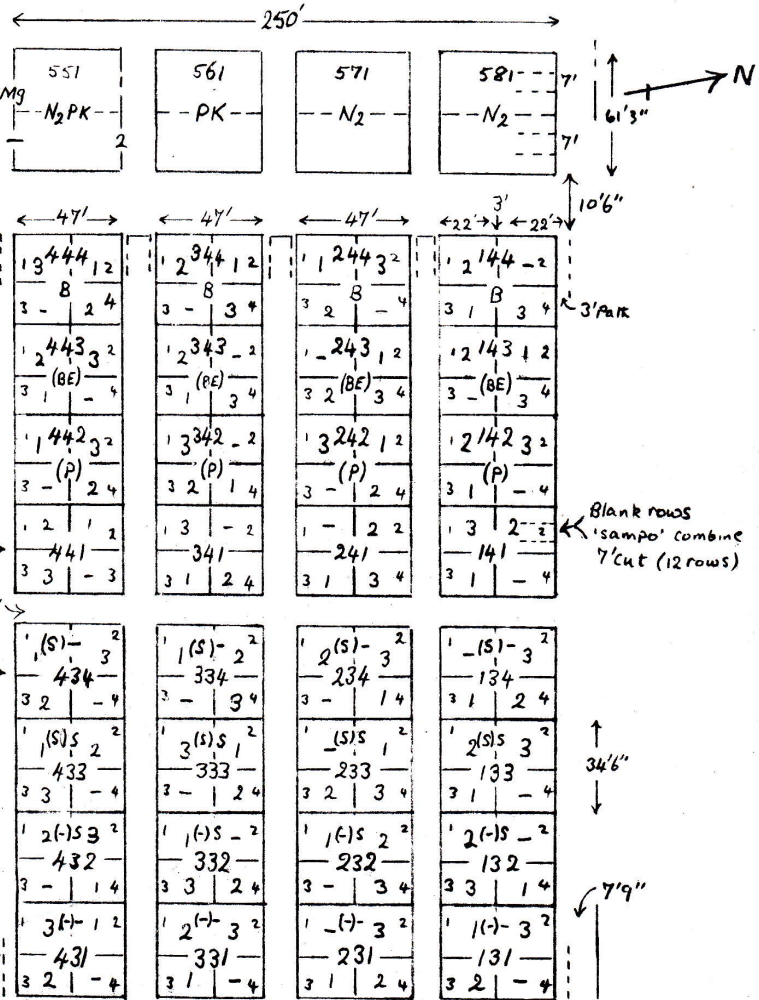
Georgie, seed dressed Btkimol, now at 130 lb/ae (146 lb/ha) on 21 February

3-COURSE ROTATION
P, BE, B until 1978
(P) = Potatoes 1978
(BE) = Beans 1978

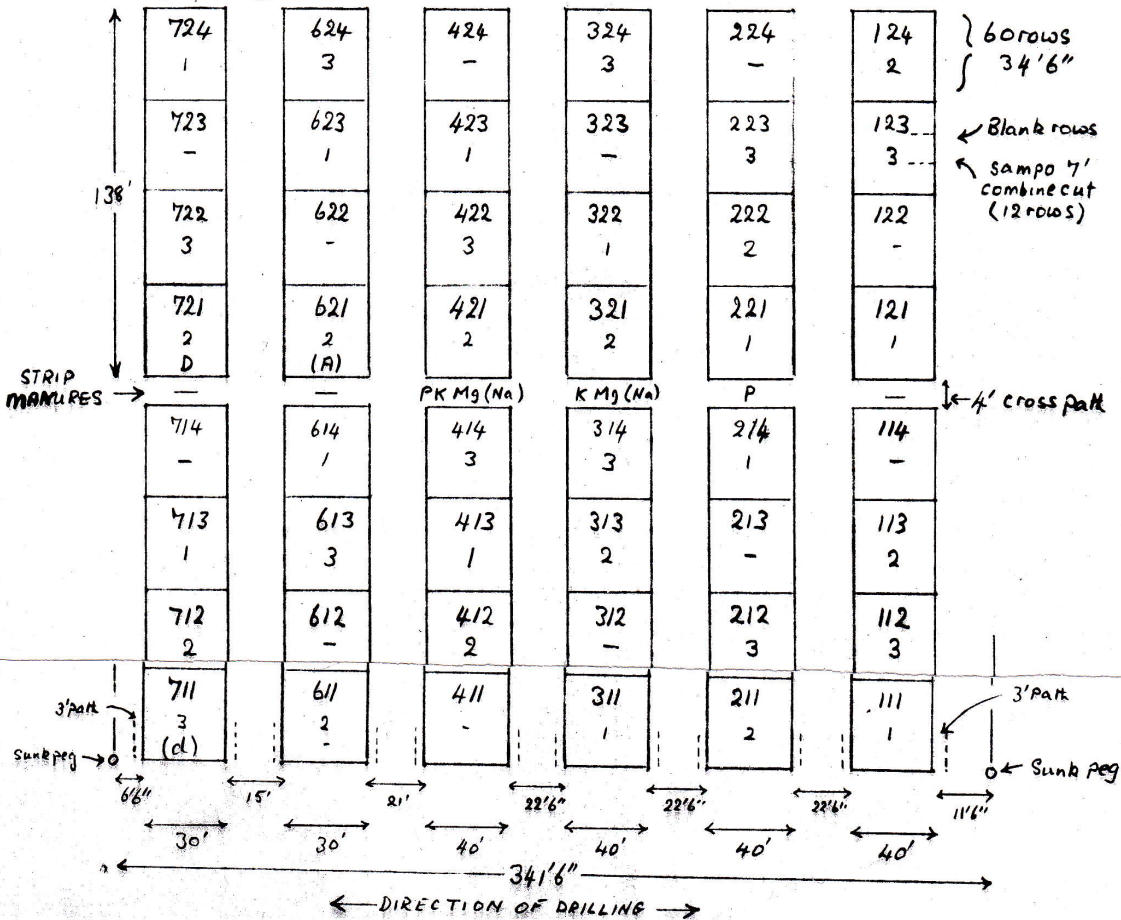
Series C (141-444): Castor bean meal last applied for 1968 crop
PK Mg last applied for 1979.

NOTE Revised arrangements starting autumn 1979 on plots 131-434
(s) - Silicate of Soda until 1979 crop
(S)S " " " every year
(-)S " " " since 1980
(-) - None

3 COURSE ROTATION
P, BE, B until 1978
(BE) = Beans in 1978.



80/R/HB/2



130th YEAR HOOSFIELD 1981

Sponsors: J. F. Jenkyn, A. E. Johnston, J. McEwen

81/R/HB/2

CONTINUOUS BARLEY

VARIETY

Georgie, seed dressed & sown at 140 lb/ac (157 lb/ha) on 17 February

3 course rotation

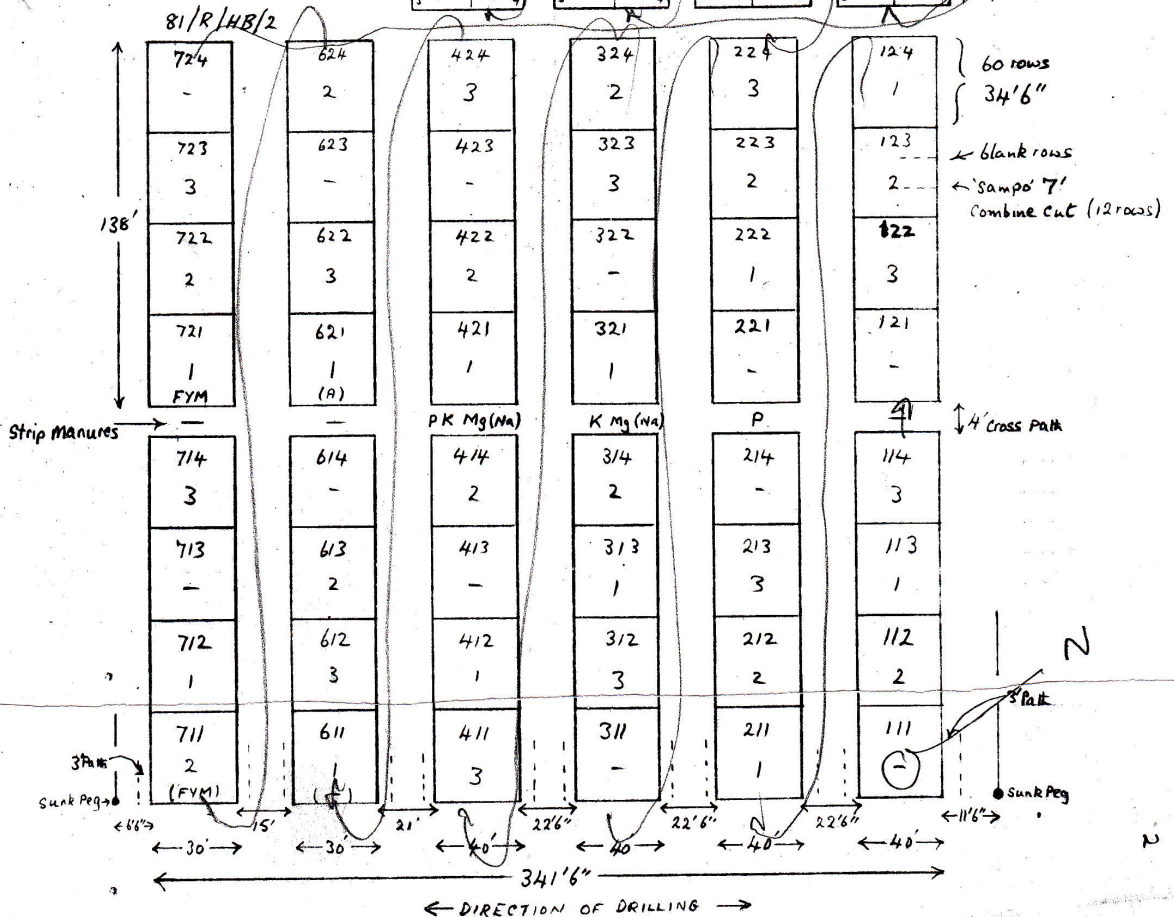
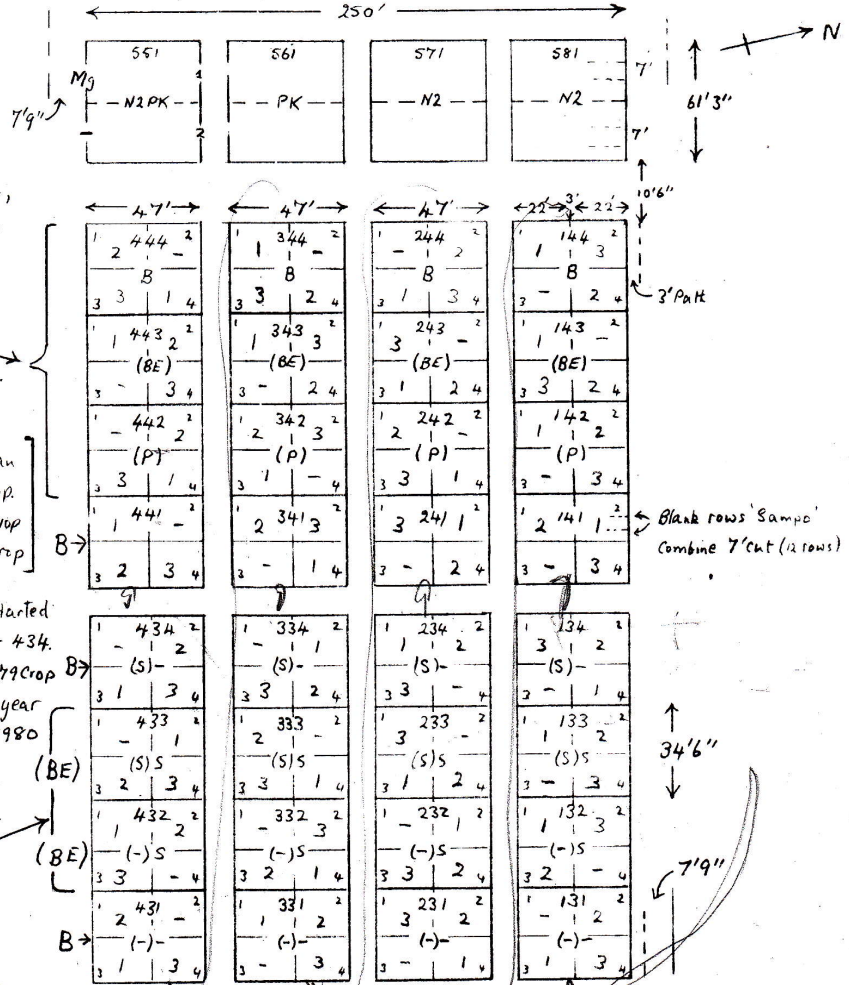
P, BE, B until 1978
(P) = Potatoes 1978
(BE) = Beans 1978

Series C (141-444): Castor bean meal last applied for 1968 crop
PK last applied for 1979 crop
Mg last applied for 1977 crop

NOTE: Revised arrangements started autumn 1979 on plots 131-434.

(S) - Silicate of Soda until 1979 crop
(S)S " " " every year
(-)S " " " Since 1980
(-) - None

3 Course Rotation
P, BE, B until 1978
(BE) = Beans in 1978



131st YEAR HOOSFIELD 1982 Sponsors: J.F. Jenkin, A.E. Johnston, J. McEwen

82/R/HB/2

CONTINUOUS BARLEY

VARIETY

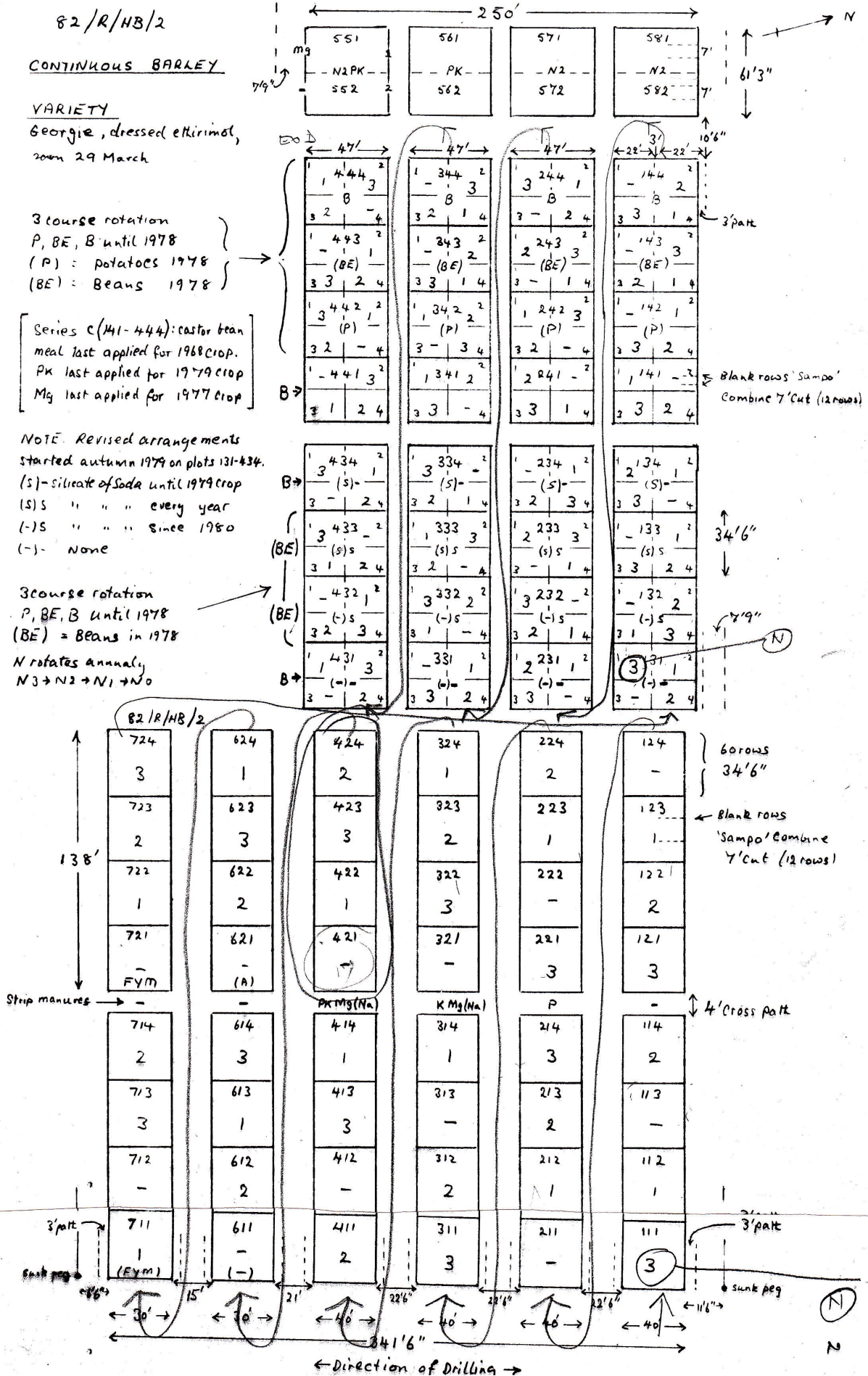
Georgie, dressed etkirimol,
sown 29 March

3 course rotation
P, BE, B until 1978
(P) = potatoes 1978
(BE) = Beans 1978

Series C (41-444): castor bean
meal last applied for 1988 crop.
PK last applied for 1979 crop
Mg last applied for 1977 crop

NOTE: Revised arrangements
started autumn 1979 on plots 131-434.
(S) - silicate of soda until 1979 crop
(S)S " " " every year
(-S) " " " since 1980
(-) - None

3 course rotation
P, BE, B until 1978
(BE) = Beans in 1978
N rotates annually
N3 → N2 → N1 → N0



132 net YEAR
83 / R / HB / 2

CONTINUOUS BARLEY

VARIETY

Georgie, dressed et kimol, 2000

1.354 at 140 lb/ac (157 kg/ha)

on 9/3/83

3 course rotation

P, BE, B until 1978

(P) = Potatoes in 1978

(BE) = Beans in 1978

Series C (141-444): castor bean

meal last applied for 1968 crop

PK last applied for 1979 crop

Mg last applied for 1977 crop

NOTE: Revised arrangements

started Autumn 1979 on plots

131-434.

(S) - Silicate of soda until 1979 crop

(S)S " " " every year

(-S) " " " since 1980

(-I) - None

3 course rotation

P, BE, B until 1978

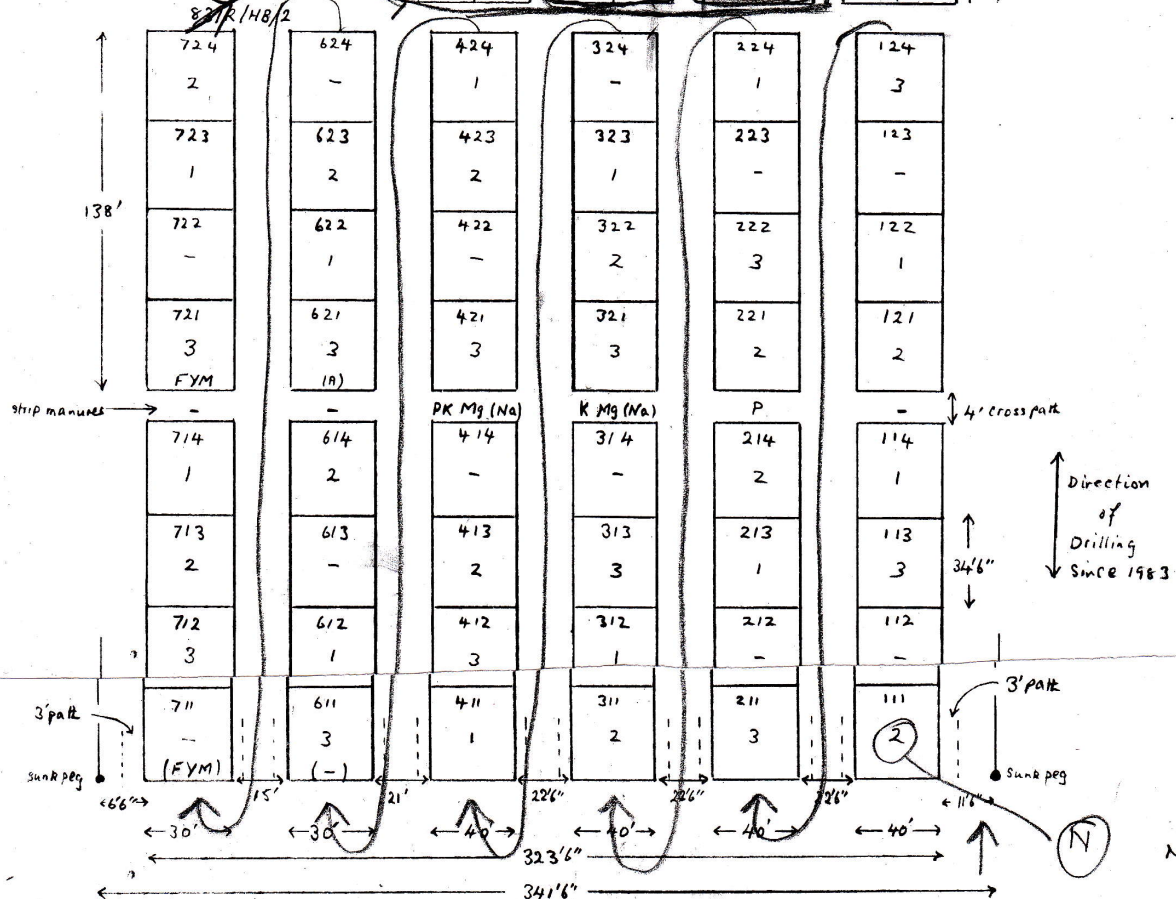
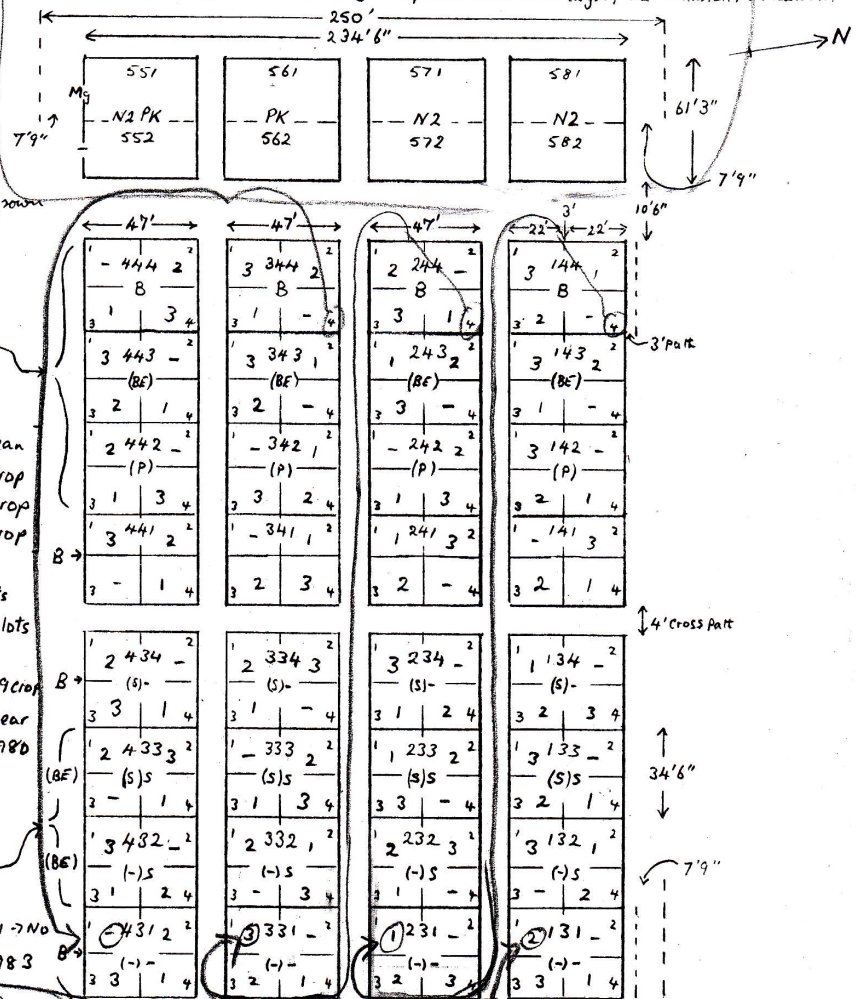
(BE) = Beans in 1978

N rotates annually N3 → N2 → N1 → N0

direction of drilling changed 1983

HOOSFIELD 1983

Sponsors: J. F. Tenbryn, A. E. Johnston, J. McEwen.



133 rd. YEAR
84/R/HB/2

HOOSFIELD 1984 Sponsors: F.F. Jenkyn, A.E. Johnston, J. McEwen

CONTINUOUS S. BARLEY

VARIETY

Triumph, seed dressed 'Baytan'
sown at 140 lb/ae (157 kg/ha)
on 8 March

3 course rotation
P, BE, B until 1978
(P) = Potatoes in 1978
(BE) = Beans in 1978

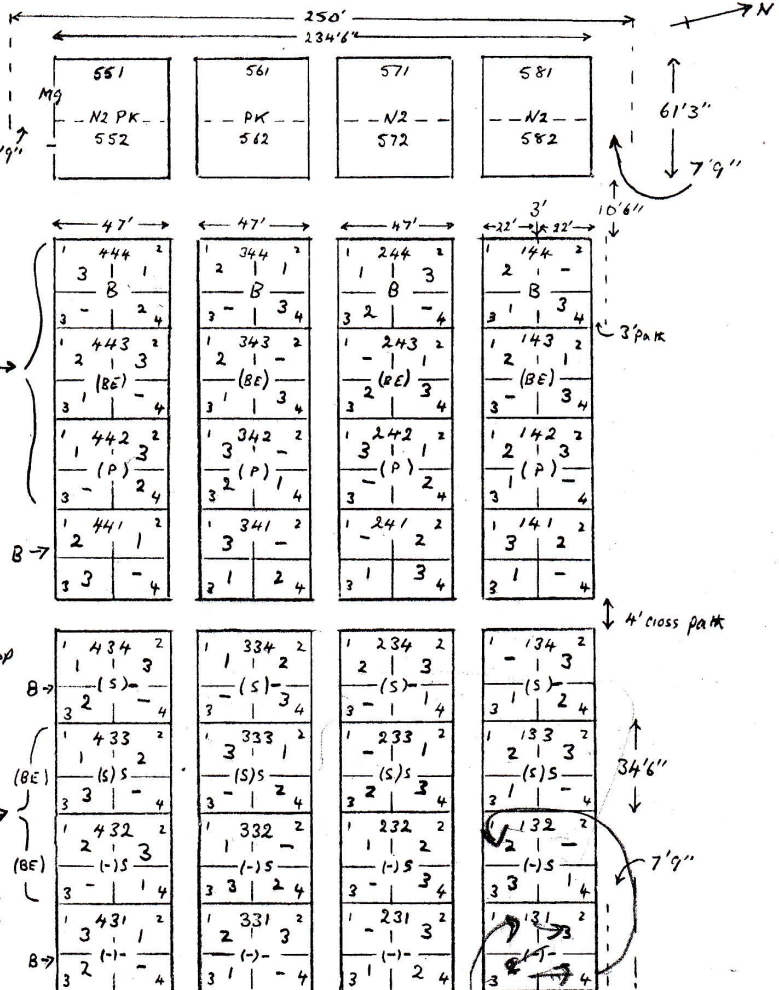
[Series C (141-444): castor bean
meal last applied for 1968 crop.
PK last applied for 1979 crop
Mg last applied for 1977 crop]

NOTE: Revised arrangements
started Autumn 1979 on
plots 131-434

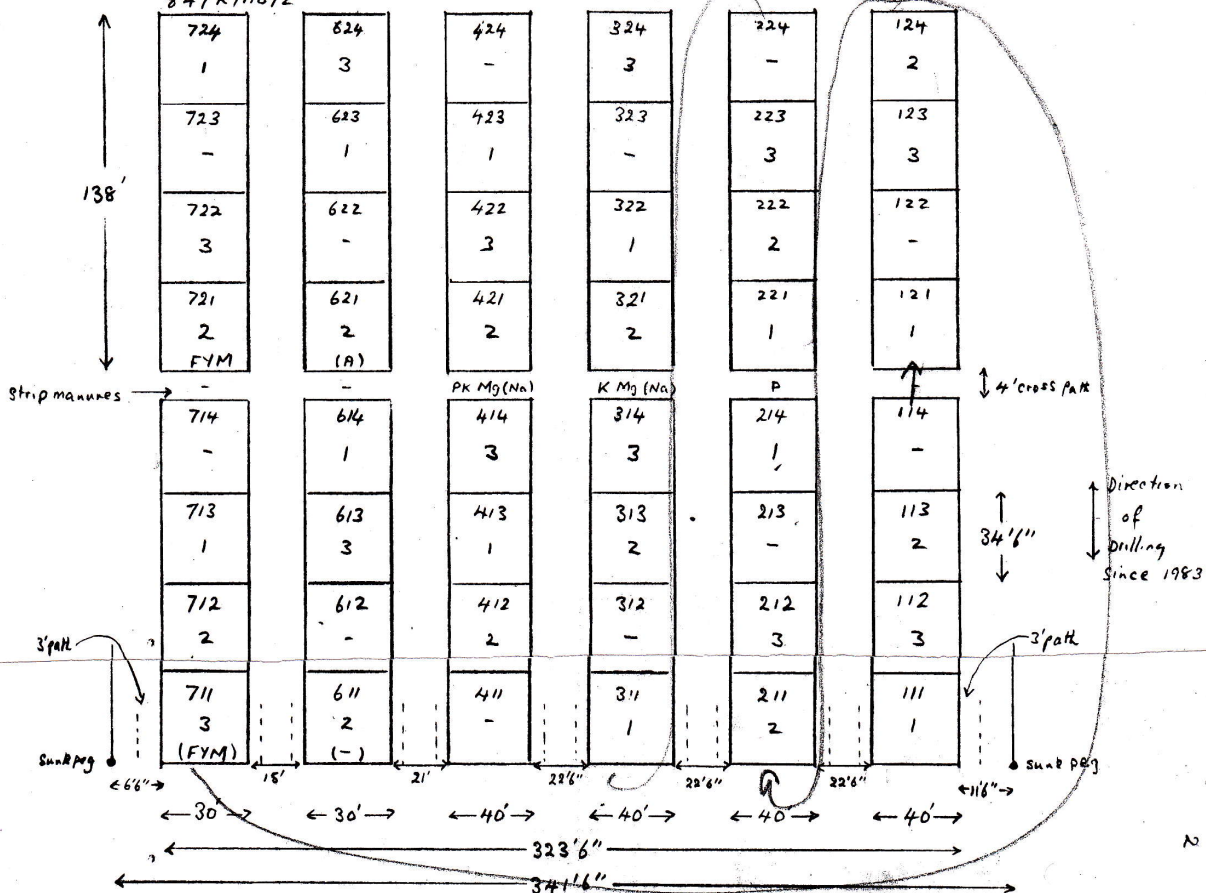
(S) - silicate of Soda until 1979 crop
(S)S " " " every year
(-)S " " " since 1980
(-) - None

3 course rotation
P, BE, B until 1978
(BE) = Beans in 1978

N rotates annually N3 → N2 → N1 → N0
Direction of drilling changed 1983



84/R/HB/2



134 H. YEAR

HOOSFIELD

1985

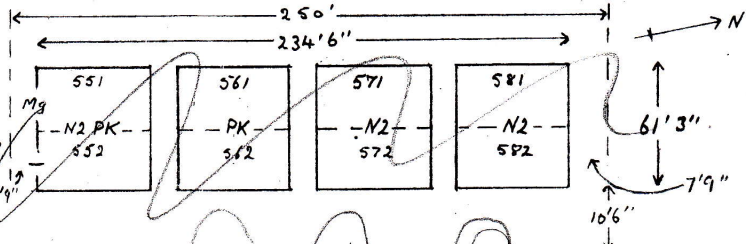
Sponsors: J.F. Jenkyn, A.E. Johnston, J. McEwen

85/R/HB/2

CONTINUOUS BARLEY

VARIETY

Triumph, seed dressed 'Baytan'
Sown at 157 kg/ha
on 13 March

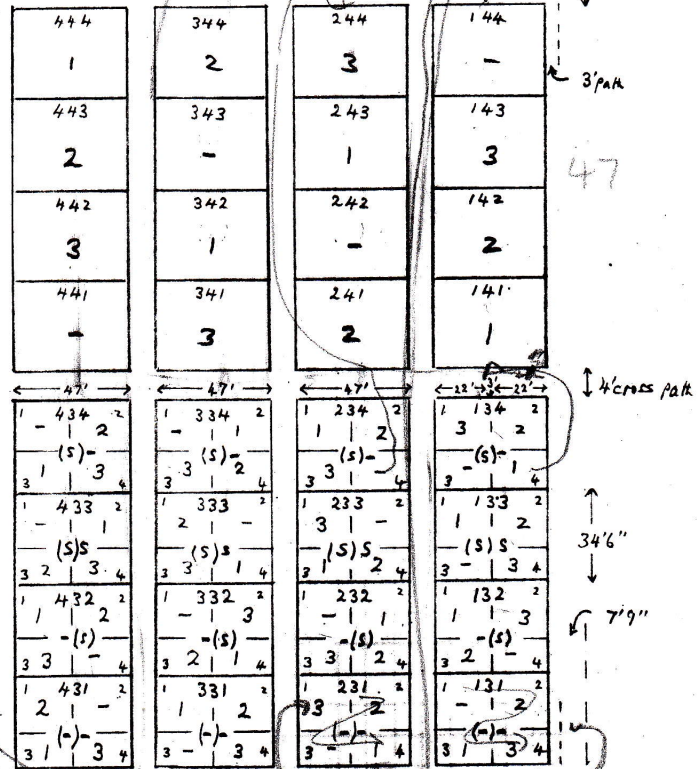


Series C (141-444): castor bean meal last applied for 1968 crop
PK last applied for 1979 crop
Mg last applied for 1977 crop

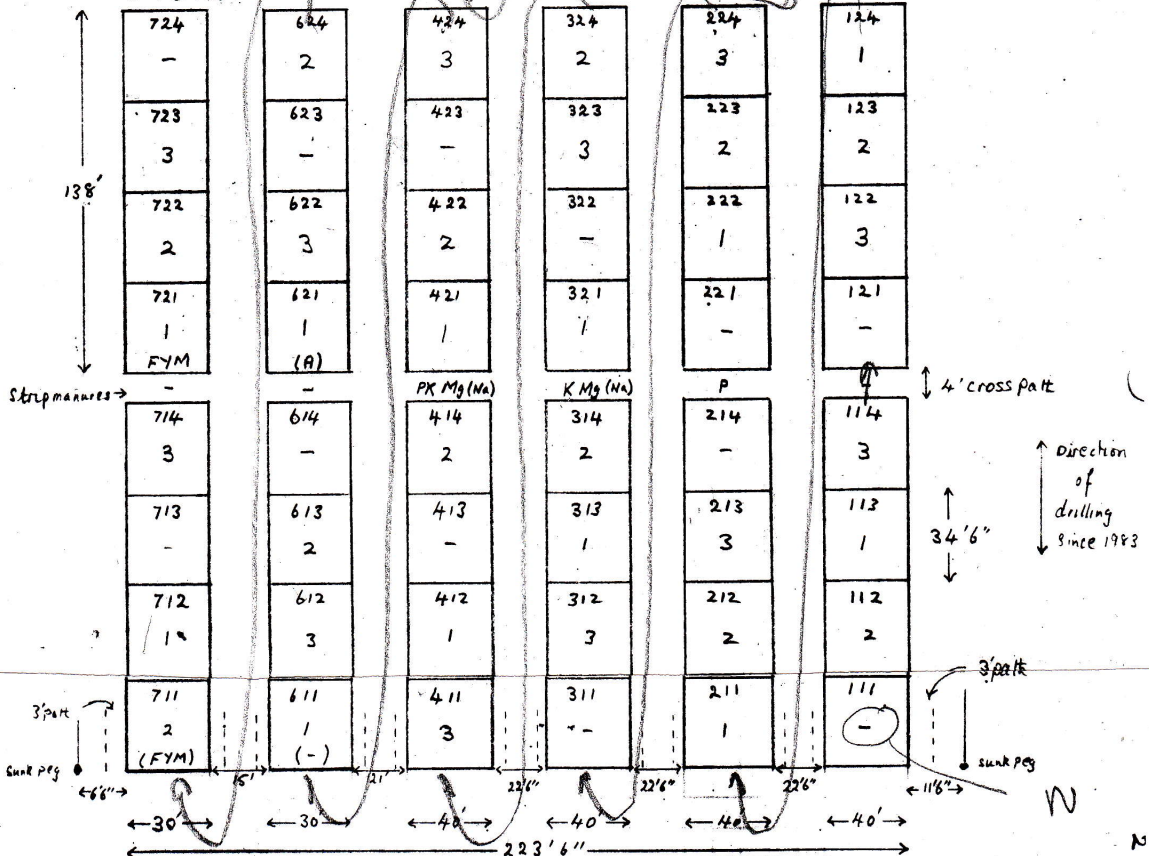
NOTE: Revised arrangements started Autumn 1979 on plots 131-434

- (s) - Silicate of soda until 1979 crop
- (S) s " " " every year
- (-) s " " " since 1980
- (-) - None

N rotates annually N3 → N2 → N1 → N0.
N sub-plots on series C (141-444) discontinued in 1985.



85/R/HB/2



86/R/HB/2

CONTINUOUS BARLEY

VARIETY

Triumph, seed dressed 'Baytan',
sown at 157 kg/ha
on 17 March

Series c (141-444): Castor bean meal last applied for 1968 crop. PK last applied for 1979 crop. Mg last applied for 1977 crop

NOTE Revised arrangements started autumn 1979 on plots 131-434
(S) - silicate of soda until 1979 crop
(S)S " " " every year
(-)S " " " Since 1980
(-) - None

N rotates annually N3 → N2 → N1 → No.
N sub plots of Series C (141-444) discontinued in 1985.

