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# Collection of Plans for the Woburn Ley-arable Experiment

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WOBURN ARABLE AND LEY ROTATIONS

Year	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
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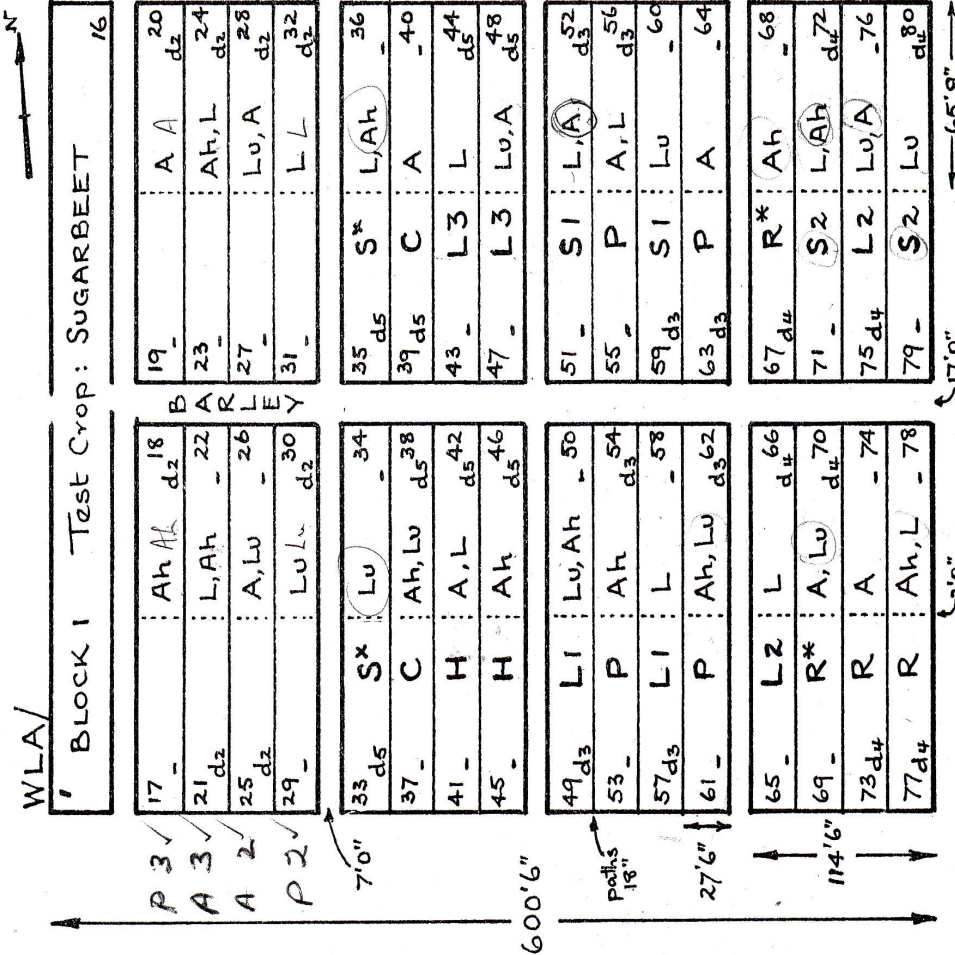
## Woburn Ley-arable 1965

### Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1965* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 9 - 9

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STACKYARD 28th year 1965

Woburn Arable & Ley Rotations



**SYMBOLS**  
Rotations  
3 years ARABLE: A Potatoes (P) Rye (R) Carrots (C)  
Ah Potatoes (P) Rye w/s (R\*) Hay (H)  
3 years LEY : Lu Lucerne cut for hay. S Sainfoin (as Lu)  
L Ley Grazed.

**TEST CROPS:** Sugar-beet, Barley (In 4th & 5th years) per acre

**TREATMENTS TO SUGAR BEET**

- , D None, 15 tons F.Y.M (d = residuals of F.Y.M)  
To 1/8th sub-plots (Nitrogen at 4 levels, rates according to rotation)  
N1, 2, 3, 4, 5, 6 0.35, 0.7, 1.05, 1.40, 1.75, 2.10 cut N  
as "Niko-Chalk" 21

- , K None, 0.9wt K<sub>2</sub>O as muriate of potash  
Basal manuring: per acre  
2.0 cut P<sub>2</sub>O<sub>5</sub> as superphosphate, 500lb magnesium sulphate.

**BLOCK 1 Test Crop Sugar Beet**

31 -	2 -	4 K D	1 -
2 K	3 K	4 -	P 3 -
1 K	3 -	2 -	P 4 K
4 K	4 -	3 K D	2 K
2 -	4 -	8 4 -	P 3 K
1 K	3 -	2 -	P 3 -
1 -	2 K	4 K D	2 K
4 K	3 K	1 -	D 1 K
11 4 K D	2 K	12 1 K	3 K
1 -	D 2 -	2 K	3 -
1 K D	3 -	4 K	4 -
4 -	D 3 K	2 -	1 -
15 4 K	5 K	16 5 -	D 3 - 2
17 2 K	4 - 3	18 1/2 -	D 4 K 3
19 5 -	2 - 1	20 3/4 -	D 3 K 2
21 3/4 -	3 K 2	22 1/4 5 K D	2 K

Dimensions: 133'6", 17'0", 65'9", 32'10"

Sub-plot: 32'10 1/2" x 6'10 1/2" = 0.00519 acre  
Plot area: 65'9" x 27'6" = 0.0415 acre  
Sainfoin in place of 3rd year Lucerne.  
284' x 65'9" = 18741.3" = 0.4286 acre