

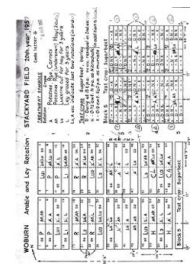
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# Collection of Plans for the Woburn Ley-arable Experiment

[Full Table of Content](#)



The thumbnail image shows a table titled "WOBURN ARABLE AND LEY ROTATIONS" with columns for "STOCKING FIELD (No. of Cows)", "TREATMENTS", and "CROPPING". The table lists various experimental treatments and their corresponding stocking rates and cropping patterns.

## Woburn Ley-arable 1972a

### Rothamsted Research

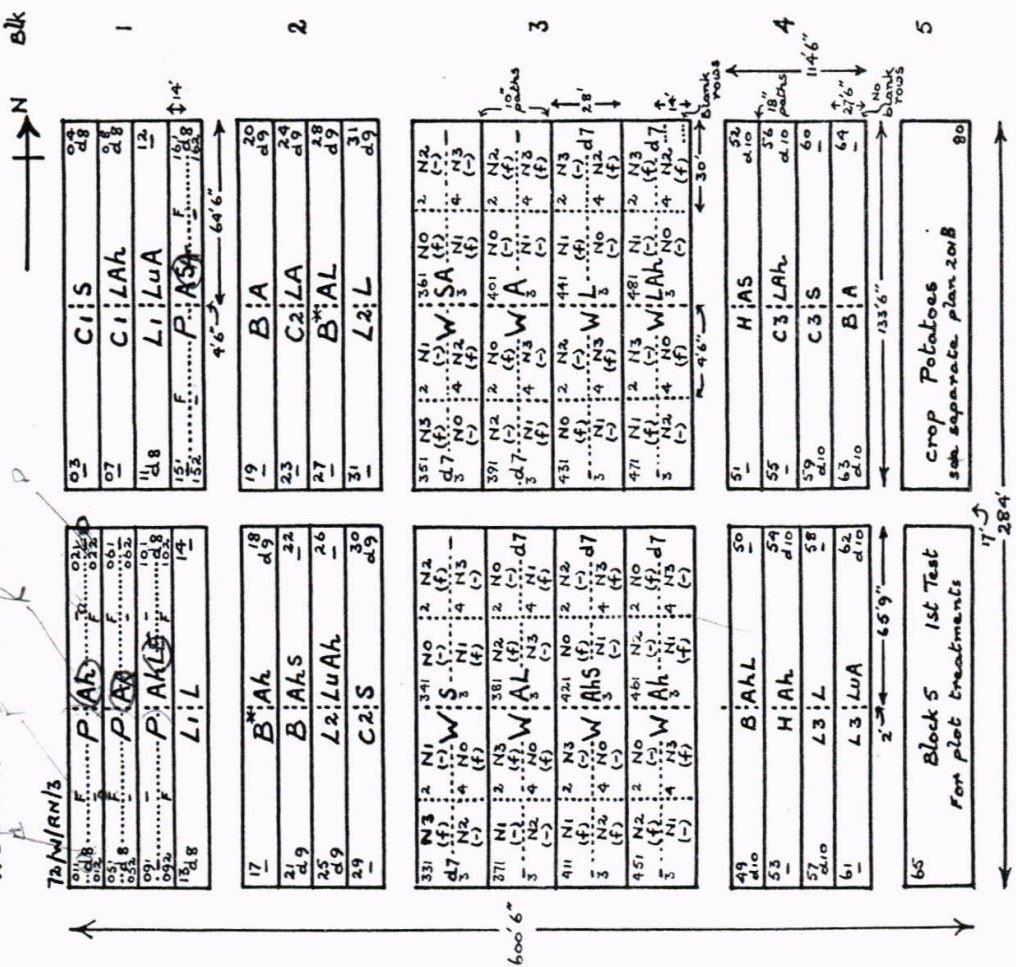
Rothamsted Research (1957-79) *Woburn Ley-arable 1972a* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 18 - 18

201 A

STACKYARD "D" 35th year 1972

ARABLE AND LEY ROTATIONS

WOBBURN



SYMBOLS

Rotations

3 years ARABLE A = Potatoes P, Barley B, Barley B.  
 H = Potatoes P, Barley B 1/2, Hay H.

3 years LEY C = Red Clover cut for hay (S = Sainfoin, Lu = Lucerne).  
 L = Ley Cut

TEST CROPS In 4th and 5th years

1st Test Crop: Potatoes, Barley  
 2nd Test Crop: Potatoes, Winter Wheat (W)

planted: 29 Mar. Sown: Wheat: 22 Oct. Barley: 15 Nov

TREATMENTS:-

2nd Test Crop W.Wheat - Coppella dressed diadrin & fungicide  
 Nitrogen Rates/and Residues of Fungicides to Potatoes 1971

N0, N1, N2, N3 None, 0.5 cut (65kg), 1.0 cut (126kg), 1.5 cut (189kg) N as Nitro-chalk 21  
 (-), (f) None, 400lb (448kg) chloropicrin + 100lb (112kg) of 10% granules of temik

BASAL MANURING per acre (hectare)

2nd Test crop W.Wheat - 260lb (291kg) of compound fertiliser (0:20:20) c.d.  
 2nd & 3rd Test crop Barley - Julia at 137lb (154kg)  
 370 lb of compound fertiliser (415kg) (15:15:15) c.d.

3rd Test crop Hay 28 1971 in Ry

1.0 cut (126kg) N as Nitro-chalk 21, 0.6 cut (75kg) P<sub>2</sub>O<sub>5</sub>, 1.2 cut (151kg) K<sub>2</sub>O as (0:14:28) in spring. 0.6 cut (75kg) N, 0.4 cut (50kg) K<sub>2</sub>O as (26:0:16) after 1st cut.

TREATMENT & BASAL MANURING per acre (hectare) 1st Test crop - potatoes

- F None, 400lb (448kg) chloropicrin in autumn 1971 + 50lb (56kg) Temik in spring.  
 2.0 cut (252kg) N, 2.0 cut (252kg) P<sub>2</sub>O<sub>5</sub>, 3.0 cut (376kg) K<sub>2</sub>O as (3:13:20). (56kg old (ca 16)

Variety - Maris Piper planted: 29 March

All Crops:- FYM - d Residuals of None v. 15 tons (38 tonnes) FYM applied to sugar beet 1962-67 (1st test crop).