

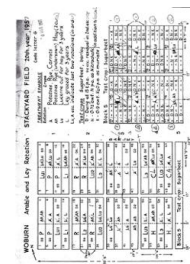
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# Collection of Plans for the Woburn Ley-arable Experiment

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The thumbnail image shows a table titled "WOBURN ARABLE AND LEY ROTATIONS" with columns for "STOCKING FIELD (No. of Cows)", "Treatments", and "Plots". The table contains detailed experimental data for various treatments and plots.

## Woburn Ley-arable 1972a

### Rothamsted Research

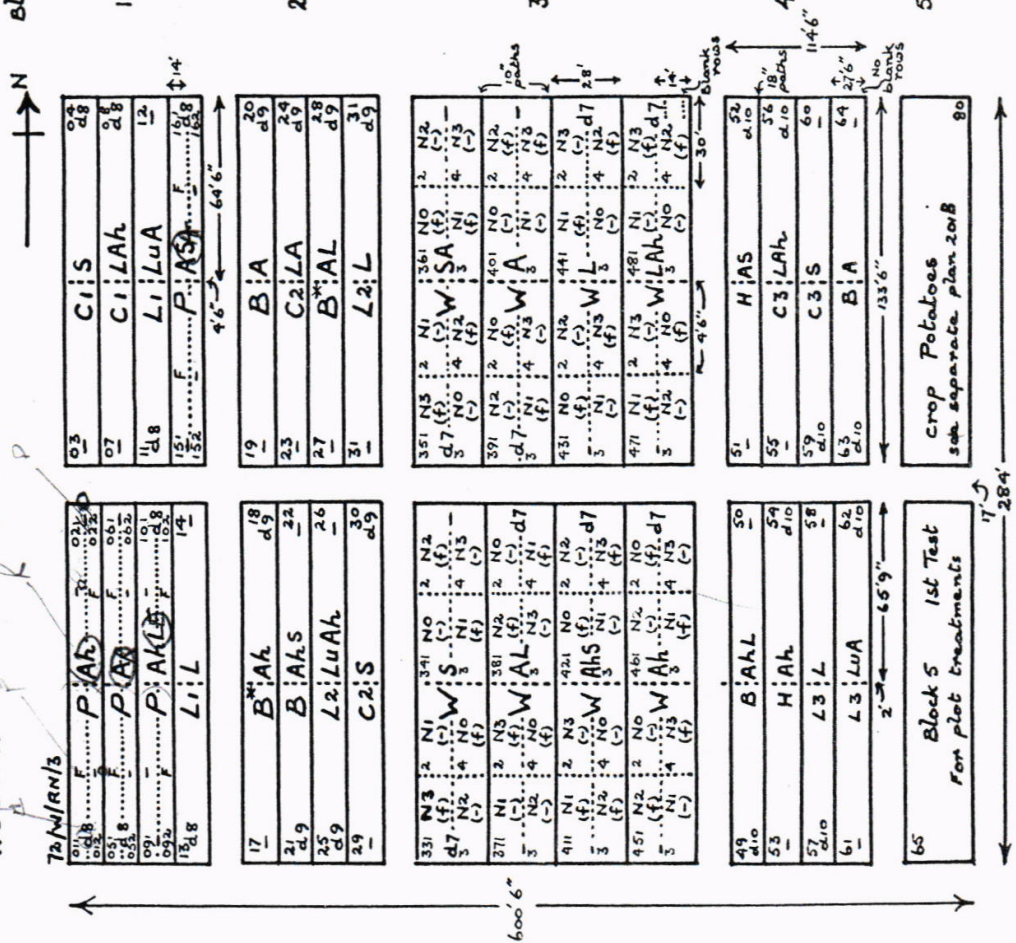
Rothamsted Research (1957-79) *Woburn Ley-arable 1972a* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 18 - 18

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).