

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 Woburn Ley-arable Experiment

[Full Table of Content](#)

WOBURN ARABLE AND LEY ROTATIONS
STATIONARY FIELD EXPERIMENT
1957-79

Plan	Year	Rotation	Area (ac)	Yield (t/ha)	Notes
1	1957	Woburn Arable	10.0	1.5	...
2	1958	Woburn Arable	10.0	1.5	...
3	1959	Woburn Arable	10.0	1.5	...
4	1960	Woburn Arable	10.0	1.5	...
5	1961	Woburn Arable	10.0	1.5	...
6	1962	Woburn Arable	10.0	1.5	...
7	1963	Woburn Arable	10.0	1.5	...
8	1964	Woburn Arable	10.0	1.5	...
9	1965	Woburn Arable	10.0	1.5	...
10	1966	Woburn Arable	10.0	1.5	...
11	1967	Woburn Arable	10.0	1.5	...
12	1968	Woburn Arable	10.0	1.5	...
13	1969	Woburn Arable	10.0	1.5	...
14	1970	Woburn Arable	10.0	1.5	...
15	1971	Woburn Arable	10.0	1.5	...
16	1972	Woburn Arable	10.0	1.5	...
17	1973	Woburn Arable	10.0	1.5	...
18	1974	Woburn Arable	10.0	1.5	...
19	1975	Woburn Arable	10.0	1.5	...
20	1976	Woburn Arable	10.0	1.5	...
21	1977	Woburn Arable	10.0	1.5	...
22	1978	Woburn Arable	10.0	1.5	...
23	1979	Woburn Arable	10.0	1.5	...

Woburn Ley-arable 1972a

Rothamsted Research

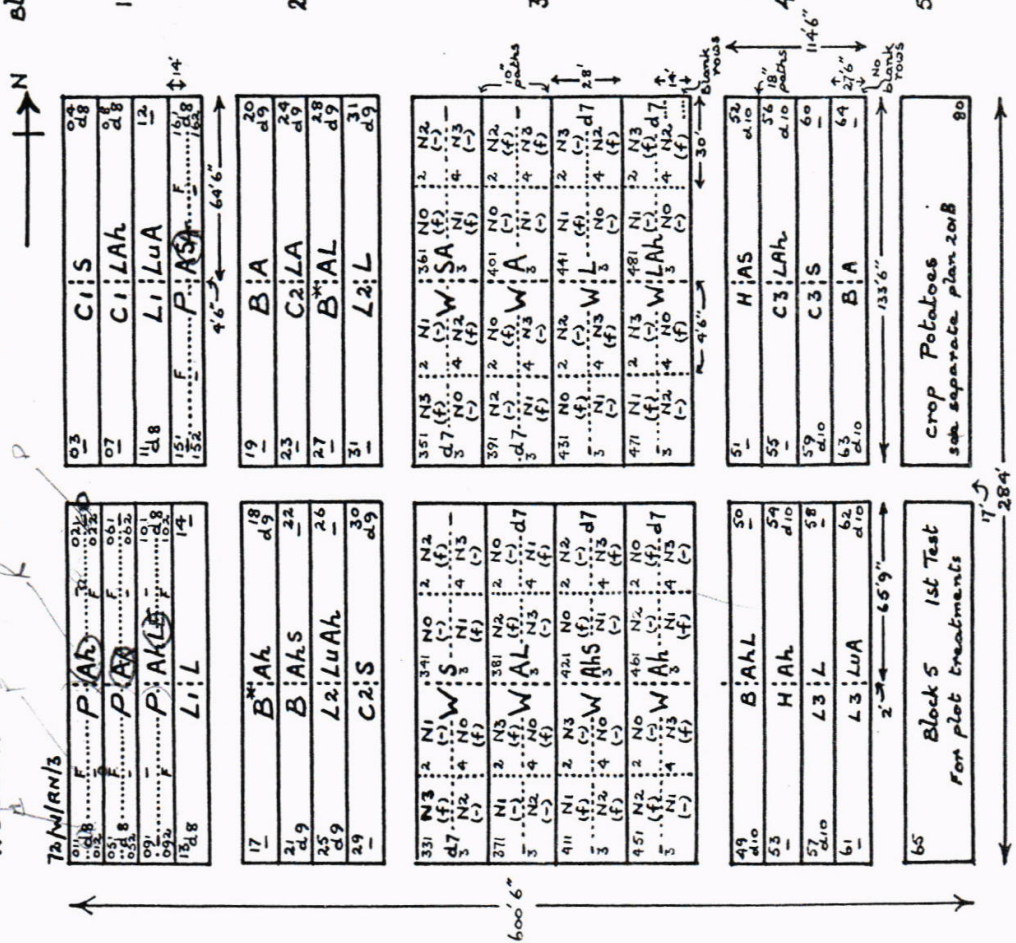
Rothamsted Research (1957-79) *Woburn Ley-arable 1972a* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 18 - 18

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, Potatoes, Winter Wheat (W)
 2nd Test Crop: Barley, Winter Wheat (W)
 Planted: 29 Mar. Sown: Wheat: 22 Oct. Barley: 15 A

TREATMENTS:-

2nd Test Crop W/Wheat - Coppella dressed diadlin & fungicide
 Nitrogen Rates/and Residues of Fungicides to Potatoes 1971
 N0, N1, N2, N3 None, 0.5 cut (65kg), 10 cut (126kg), 15 cut (189kg) N as Nitro-chalk 21
 (-), (f) None, 400lb (448kg) chloropicrin + 100lb (12kg) of 10% granules of temik
 BASAL MANURING per acre (hectare)
 2nd Test crop W/Wheat - 260lb (291kg) of compound fertilizer (0:20:20) c.d.
 2nd & 3rd Treatment crop Barley - Julia at 137lb (154kg)
 370 lb of compound fertilizer (415kg) (15:15:15) c.d.
 3rd Treatment crop Hay 28 1971 in Ry
 10 cut (126kg) N as Nitro-chalk 21, 0.6 cut (75kg) P₂O₅, 12 cut (151kg) K₂O as (0:14:28) in spring. 0.6 cut (75kg) N, 0.4 cut (50kg) K₂O as (26:0:16) after 1st cut.
 TREATMENT & BASAL MANURING per acre (hectare) 1st Treatment crop - potatoes
 -, F None, 400lb (448kg) chloropicrin in autumn 1971 + 50lb (56kg) Temik in spring.
 2.0 cut (252kg) N, 2.0 cut (252kg) P₂O₅, 3.0 cut (376kg) K₂O as (33:13:20). (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).