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RESEARCH

Collection of Plans for the Woburn Ley-arable Experiment

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WOBURN ARABLE AND LEY ROTATIONS
STATIONARY FIELD EXPERIMENT
1957-79

Rotation	Year	Area (ha)	Soil	Plants	Plots	Replicates
1	1957-58	1.0	1	1	1	1
2	1958-59	1.0	1	1	1	1
3	1959-60	1.0	1	1	1	1
4	1960-61	1.0	1	1	1	1
5	1961-62	1.0	1	1	1	1
6	1962-63	1.0	1	1	1	1
7	1963-64	1.0	1	1	1	1
8	1964-65	1.0	1	1	1	1
9	1965-66	1.0	1	1	1	1
10	1966-67	1.0	1	1	1	1
11	1967-68	1.0	1	1	1	1
12	1968-69	1.0	1	1	1	1
13	1969-70	1.0	1	1	1	1
14	1970-71	1.0	1	1	1	1
15	1971-72	1.0	1	1	1	1
16	1972-73	1.0	1	1	1	1
17	1973-74	1.0	1	1	1	1
18	1974-75	1.0	1	1	1	1
19	1975-76	1.0	1	1	1	1
20	1976-77	1.0	1	1	1	1
21	1977-78	1.0	1	1	1	1
22	1978-79	1.0	1	1	1	1

Woburn Ley-arable 1979a

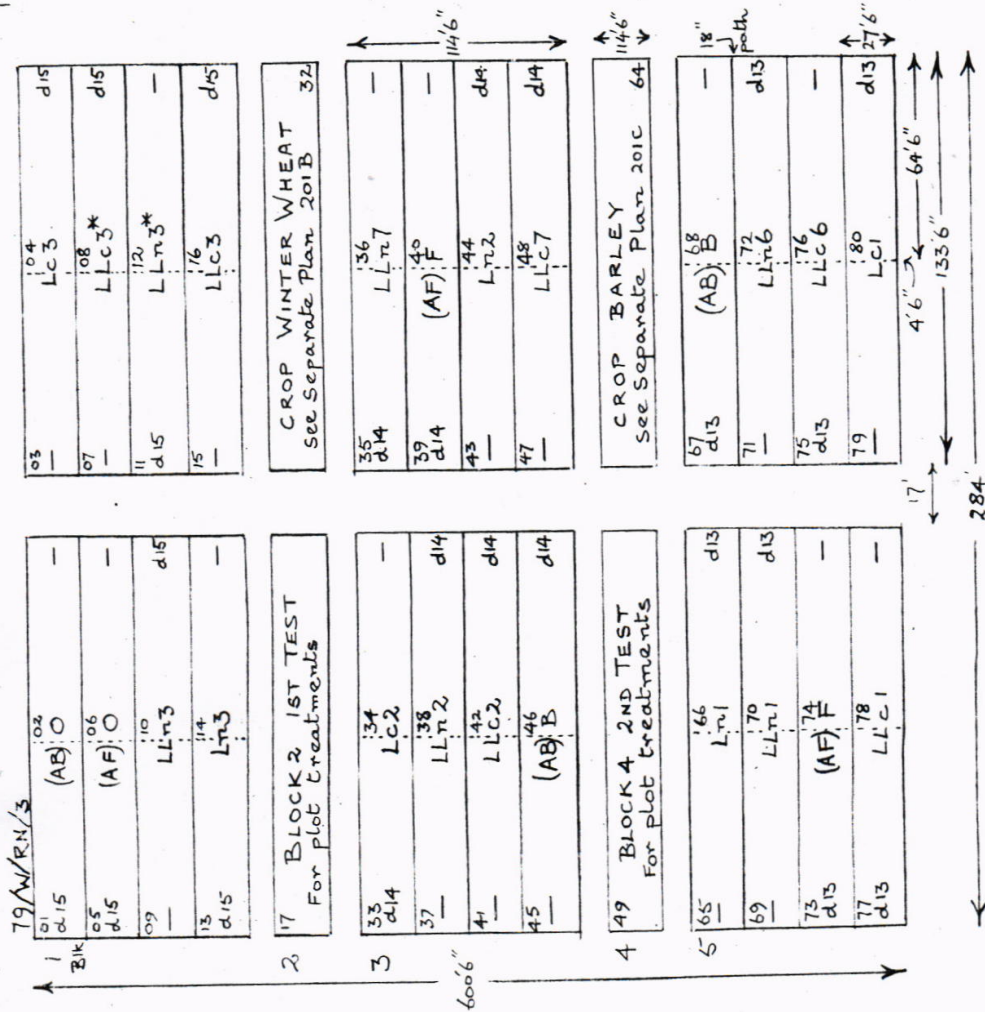
Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1979a* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 40 - 40

WOBURN
42nd year
N

ARABLE AND LEY ROTATION

STACKYARD D 1979 201A
Sponsors: AE. Johnston, FGW Jones, GA. Salt.



SYMBOLS

3 year treatment crops before w.wheat (1st), Barley (2nd) test crops
 AB: Barley B, Barley B, Oats O.
 AF: Follow F, Follow F, Oats O.
 LC: 3 years clover/grass ley (No N)
 Ln: 3 years all grass ley (with N)
 8 year Leys
 LLC: clover/grass ley (No N)
 LLn: All grass ley (with N)
 * = ploughed up in less than 8 years initially, during phasing in.
 To all crops: - d n Residues of none v. 15 tons/acre (38 t/ha)
 FYM last applied n years ago.

VARIETIES
 Barley (dressed with ethirimol): Porthos sown at 140 lb (157 kg) Date: 3 May
 Oats - Manrod Sown at Date:

BASAL MANURING per acre (hectare) to treatment crops
 Barley and Oats 360 lb (400 kg) compound fertiliser (20:14:14) c.d.

ALL Grass Ley
 1st year: 75 kg (67 lb) N as Nitro-chalk, 75 kg (67 lb) P₂O₅, 150 kg (134 lb) K₂O as (0:14:28) in the seedbed, 75 kg (67 lb) N, 48 kg (43 lb) K₂O as (25:0:16) after each cut except the last.
 2nd + years: 75 kg (67 lb) P₂O₅, 150 kg (134 lb) K₂O as (0:14:28) in winter 75 kg (67 lb) N, 48 kg (43 lb) K₂O as (25:0:16) in spring, and after each cut except the last.

Clover/grass ley
 1st year: 75 kg (67 lb) P₂O₅, 150 kg (134 lb) K₂O as (0:14:28) in the seedbed, 48 kg (43 lb) K₂O as muriate of potash after each cut except the last.
 2nd + years: 75 kg (67 lb) P₂O₅, 150 kg (134 lb) K₂O as (0:14:28) in winter, 48 kg (43 lb) K₂O as muriate of potash in spring, and after each cut except the last.