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RESEARCH

Collection of Plans for the Woburn Ley-arable Experiment

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WOBURN ARABLE AND LEY ROTATIONS

Year	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	
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Woburn Ley-arable 1979a

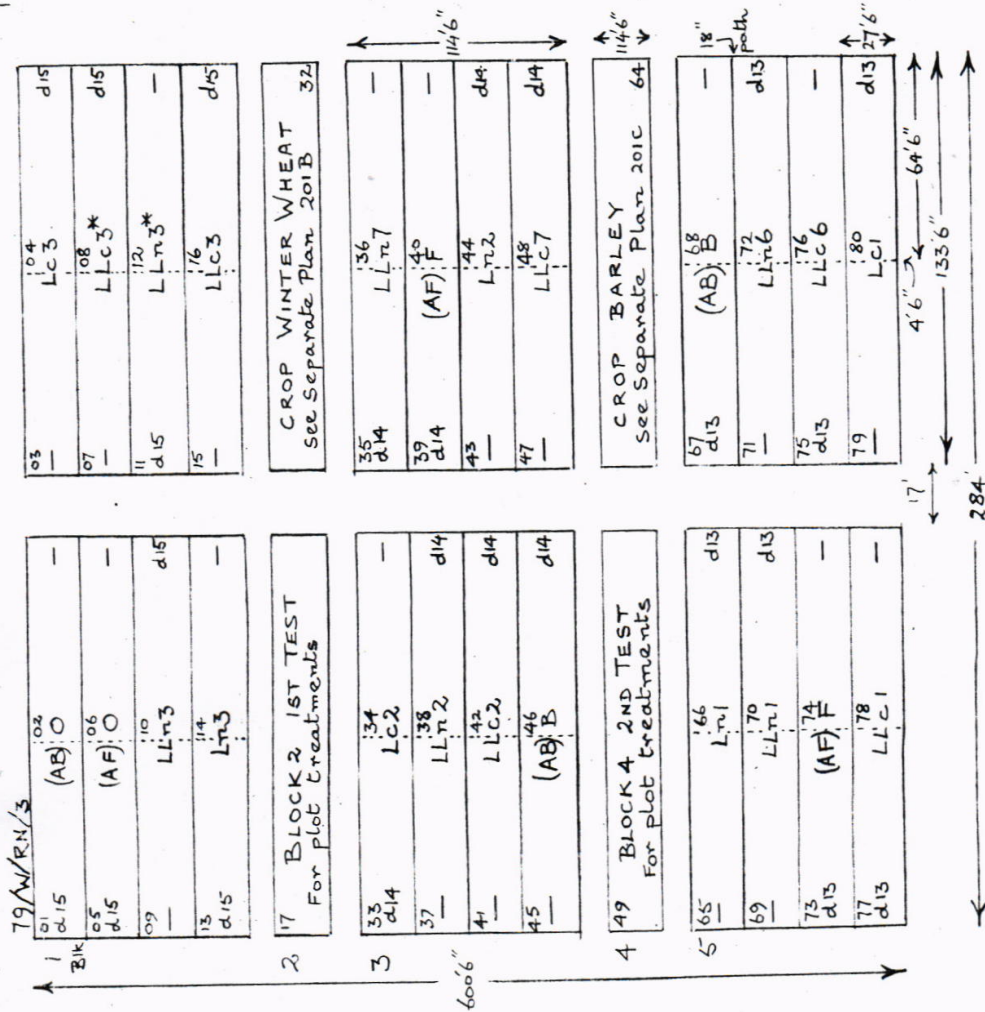
Rothamsted Research

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.