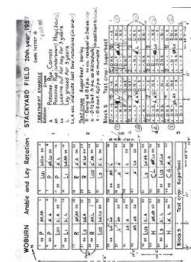


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Collection of Plans for the Woburn Ley-arable Experiment

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WOBURN Arable and Ley Rotation

Year	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Arable	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley	Barley
Ley	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	Lucerne

Woburn Ley-arable 1979a

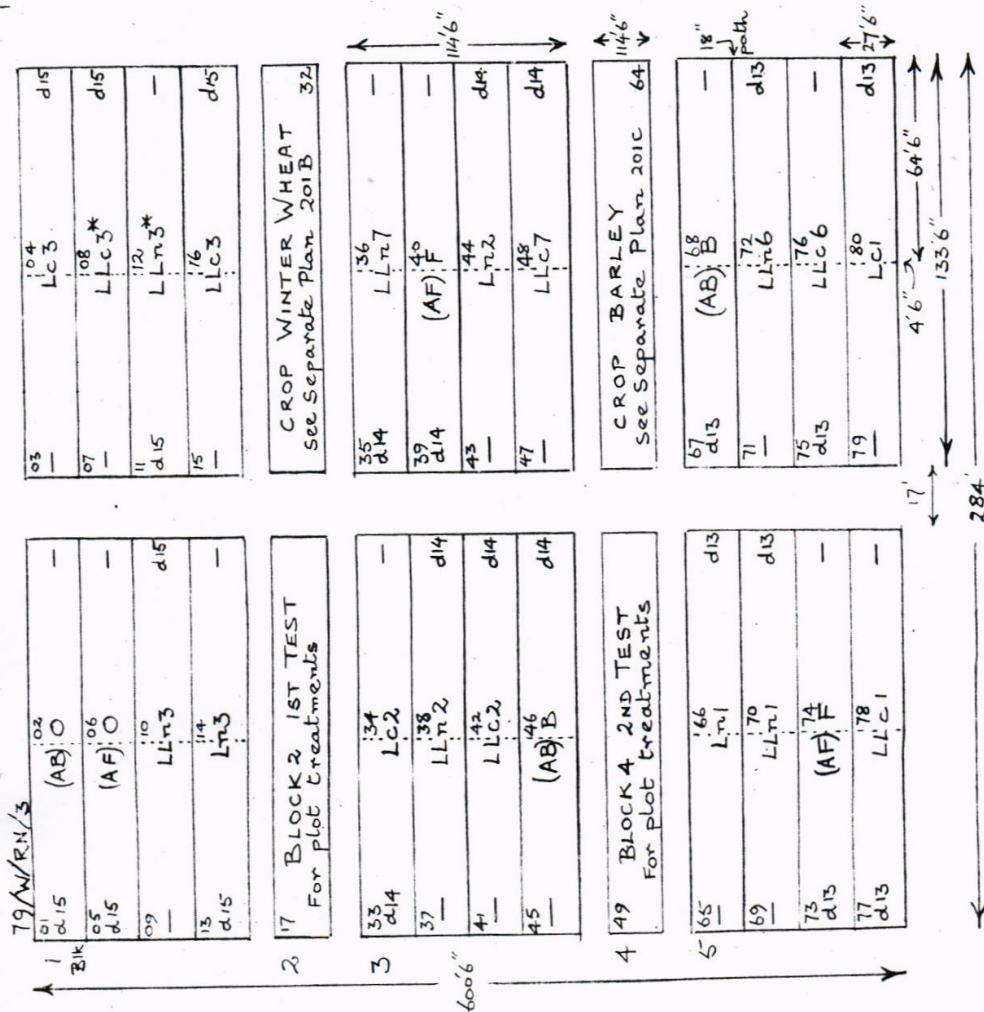
Rothamsted Research

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: Fallow F, Fallow 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 ethinonol): Porthos sown at 140 lb (157 kg) Date: 3 May
 Oats - Marod 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.