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ROTHAMSTED
RESEARCH

Collection of Plans for the Woburn Ley-arable Experiment

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WOBURN ARABLE AND LEY ROTATIONS

Treatment	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	
1. 1st Year																							
2. 2nd Year																							
3. 3rd Year																							
4. 4th Year																							
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18. 18th Year																							
19. 19th Year																							
20. 20th Year																							

Woburn Ley-arable 1978a

Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1978a* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 37 - 37

41st year → N
 STACKYARD D 1978 201A
 Sponsors: A.E. Johnston, F.G.W. Jones, G.A. Salt

SYMBOLS

From 1976 major revisions have been made:-

Previous Rotations: (A), (Ah), (C), (L), (S) not defined on this plan
 From 1976 AH: Barley B, Barley B, Oats O.
 A: Follow F, Follow F, Oats O.
 L: 3 years clover/grass ley (no N)
 Ln: 3 years all grass ley (with N)
 LLC & LLn 8 year leys treated as above.

* = ploughed up in less than 8 year initially during phasing
 Followed by Test Crops Wheat W, Barley B.

NOTE: All Lc, Ln, LLC and LLn 2 & 3 failed in 1976 and
 resown in autumn 1976.

To all crops: - dr. Residues of none v.15 tons/acre (38t/ha) FYM
 last applied n years ago.

BASAL MANURING per acre (hectare) to treatment crops:
 Barley - Porthos (dressed with ethinmal), 360lb (400kg) compound
 Oats - Manod
 fertilizer (20:14:14) CD

All - Grass ley
 1st year: 75kg (67lb) N as Nitro-chalk, 25, 75kg (67lb) P₂O₅, 150kg (134lb) K₂O as (0:14:28) in the seedbed, 75kg (67lb) N, 48kg (43lb) K₂O as (25:0:16) after each cut except the last.

2nd + years: 75kg (67lb) P₂O₅, 150kg (134lb) K₂O as (0:14:28) in winter
 75kg (67lb) N, 48kg (43lb) K₂O as (25:0:16) in spring
 and after each cut except the last.

Clover/grass ley as Ln but omitting N. K per cut as Muriale of potash
 1st year: 75kg (67lb) P₂O₅, 150kg (134lb) K₂O as (0:14:28) in the
 seedbed, 48kg (43lb) K₂O as Muriale of potash after
 each cut except the last.

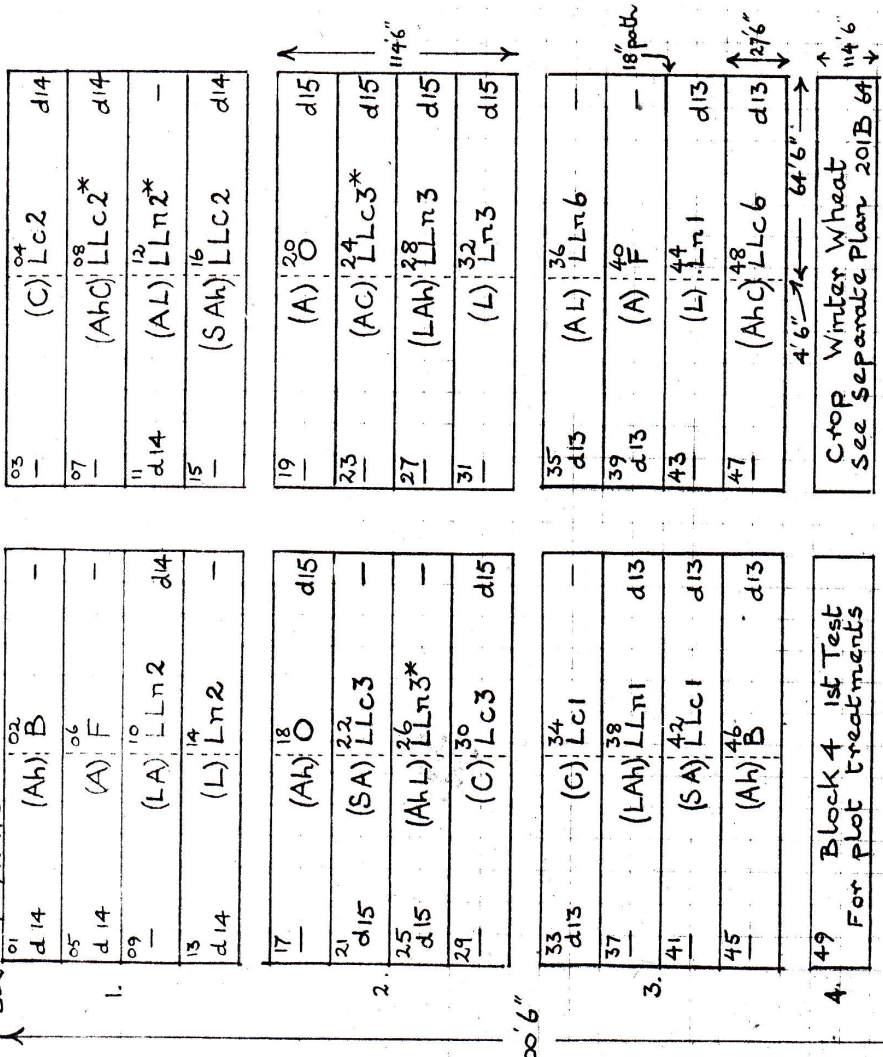
2nd + years: 75kg (67lb) P₂O₅, 150kg (134lb) K₂O as (0:14:28)
 in winter, 48kg (43lb) K₂O as Muriale of potash
 in spring, and after each cut except the last.

Barley sown at 145lb (162kg) Date: Redrilled 7 Apr
 Oats sown at 180lb (202kg) Date: 13 Mar

ARABLE AND LEY ROTATION

WOUBURN

BK 78/W/RN/3



Crop Winter Wheat
 See Separate Plan 201B 64

Crop Barley Wheat
 See Separate Plan 201C 80