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RESEARCH

Collection of Plans for the Woburn Ley-arable Experiment

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The thumbnail image shows a table titled "WOBURN ARABLE AND LEY ROTATIONS" with columns for "STOCKING FIELD NUMBER" and "ROTATION". The table contains multiple rows of data, likely representing different experimental treatments and their corresponding field numbers and rotation periods.

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

WOBUEN

