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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 1977b

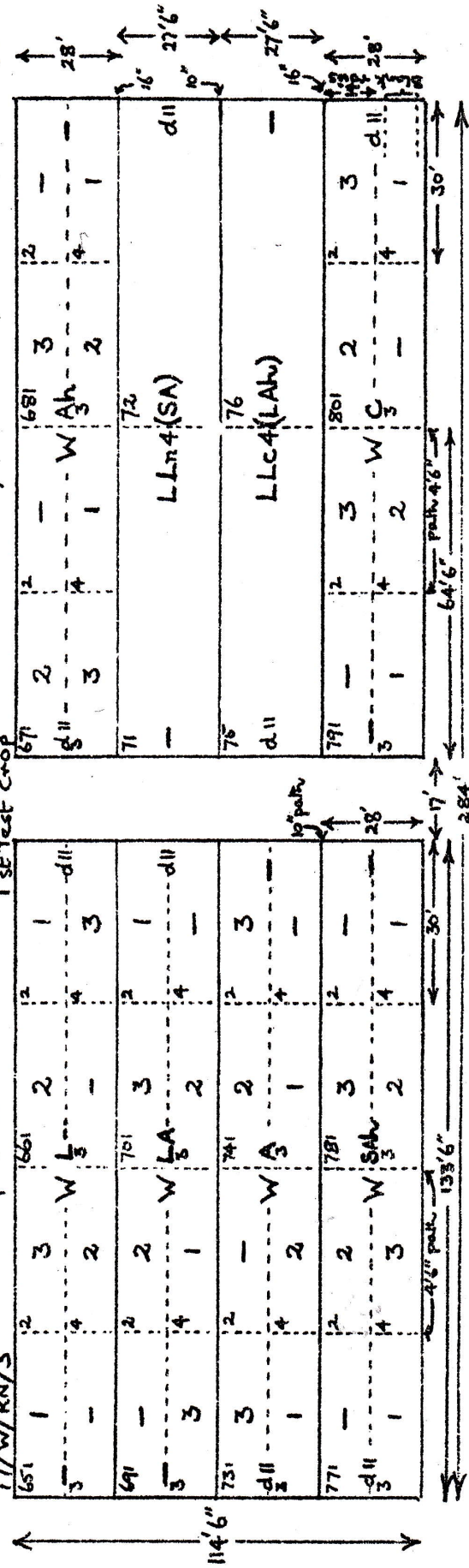
Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1977b* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 35 - 35

WOBURN
77/W/RN/3

ARABLE AND LEY ROTATION 40th year
Winter Wheat Blocks
1st Test Crop

STACKYARD 'D' 1977 201 B
Sponsors: K.Evans, A.E. Johnston, F.G.M. Jones, G.A. Salt



TREATMENTS per acre (hectare)
FYM residues
- 1, d 11 None, FYM residues - last applied 1967

Cropping
W
Winter wheat Variety: Cappelle, (dressed)
Anti Bulb-fly & Fungicide seed dressing.
Sown at 190B (213kg Date: 24 Nov)
Ley with N } reason 30lb (34kg)
Ley with Clover } 13 Oct 35lb (39kg)

Nitrogen to Winter wheat
- 1, 2, 3 None, 0.5, 1.0, 1.5 cut N
(63, 126, 189kg) N as Nitro-chalk '25

STANDARD APPLICATION to winter wheat only
Aldicarb at 10kg/ha (9lb/acre) applied: 24 Nov

BASAL MANURING per acre (hectare)
Winter Wheat: 300kg (270lb) compound fertiliser (0.20:20) c D.
Ley with N 74kg (66lb) N, 4kg (42lb) K₂O as (25:0:16) applied in the Spring and after each cut except the last.
Ley with clover: 48kg (43lb) K₂O as muriate of potash in the Spring and after each cut except the last.

PLOT AREA
Winter Wheat: 14' x 30' = 0.0096 acre (0.0039 ha)
Harvested: 9'4" x 30' = 0.0064 acre (0.0026 ha)
Ley with N and
Ley with clover: 27'6" x 64'6" = 0.0407 acre (0.0165 ha)