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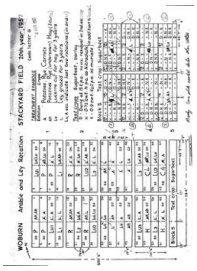
Collection of Plans for the Woburn Ley-arable Experiment



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Rothamsted Research

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WOBURN

78/W/RN/3

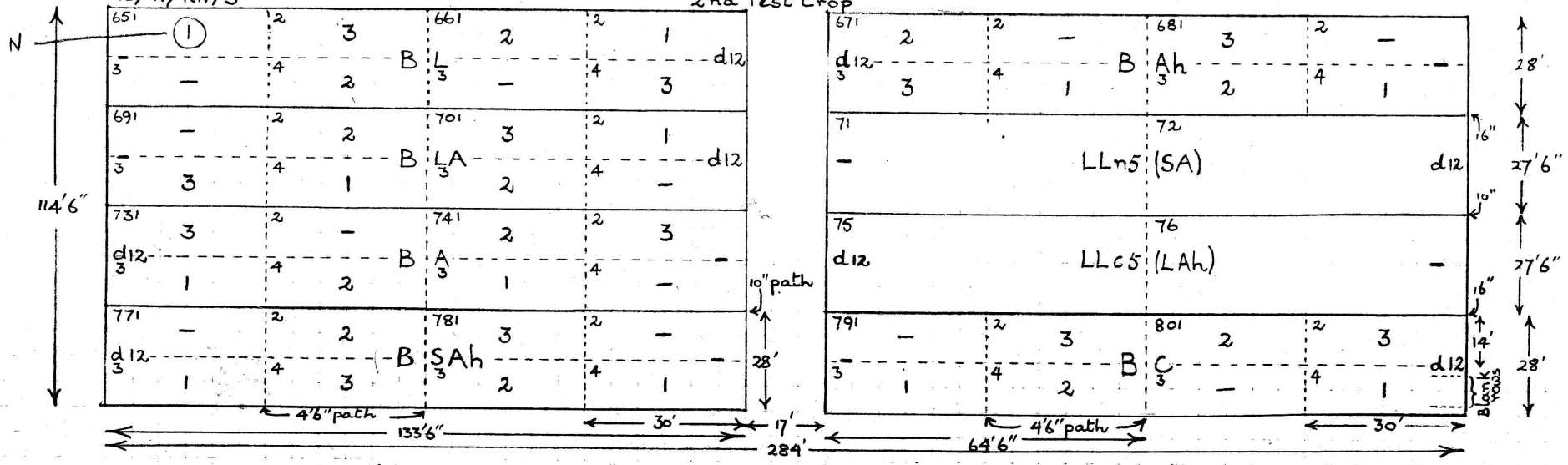
ARABLE AND LEY ROTATION 41st year

Barley Block 5

2nd Test Crop

STACKYARD 'D' 1978 201 C

Sponsors: A.E. Johnston, F.G.W. Jones, G.A. Salt



TREATMENTS per acre (hectare)

FYM residues

–, d12 None, FYM residues - last applied 1967

Cropping

B Barley variety: Porthos (dressed with ethirimol)
Sown at: 145 lb (162 kg) Date: 3 Apr

LLn5 Ley with N } Resown
LLc5 Ley with clover } 13 Oct 1976

Nitrogen to Barley

–, 1, 2, 3 None, 0.4, 0.8, 1.2 cwt N/acre
(50, 100, 150 kg/ha) N as 'Nitro-chalk' 25

STANDARD APPLICATION to Barley only

Aldicarb at 10 kg/ha (9 lb/acre)

BASAL MANURING per acre (hectare)

Barley: 270 lb (300 kg) compound fertiliser (0:20:20) C.D.

Ley with N: 75 kg (67 lb) N, 48 kg (43 lb) K_2O as (25:0:16) applied in the spring and after each cut except the last.

Ley with clover: 48 kg (43 lb) K_2O as muriate of potash in the spring and after each cut except the last.

PLOT AREA

Barley: 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)

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