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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	1974	1975	1976	1977	1978	1979
1. 1st Year	1st Year	1st Year	1st Year	1st Year	1st Year	1st Year
2. 2nd Year	2nd Year	2nd Year	2nd Year	2nd Year	2nd Year	2nd Year
3. 3rd Year	3rd Year	3rd Year	3rd Year	3rd Year	3rd Year	3rd Year
4. 4th Year	4th Year	4th Year	4th Year	4th Year	4th Year	4th Year
5. 5th Year	5th Year	5th Year	5th Year	5th Year	5th Year	5th Year
6. 6th Year	6th Year	6th Year	6th Year	6th Year	6th Year	6th Year
7. 7th Year	7th Year	7th Year	7th Year	7th Year	7th Year	7th Year
8. 8th Year	8th Year	8th Year	8th Year	8th Year	8th Year	8th Year
9. 9th Year	9th Year	9th Year	9th Year	9th Year	9th Year	9th Year
10. 10th Year	10th Year	10th Year	10th Year	10th Year	10th Year	10th Year

Woburn Ley-arable 1974a

Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1974a* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 24 - 24

37th year → N **STACKYARD 'D' 1974 201A**

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SYMBOLS

Rotations

3 years ARABLE A = Potatoes P, Barley B, Barley B, Barley B.
Ah = Potatoes P, Barley B 1/2, Hay H.

3 years LEY C = Red clover cut for hay (S:Saintfoin, Lu:Lucerne)
L = Ley, cut.

2nd and 3rd TREATMENT CROPS

Residues of fumigants applied to Potatoes 1971-2nd treatment crops 1974
(-), (f) None, 400lb (498kg) chloropicrin + 10lb (11kg) Aldicarb.
Residues of fumigants applied to 1st treatment crops 1975-2nd treatment crops 1977
(-), (f) None, 400lb (498kg) chloropicrin + 6lb (67kg) Aldicarb. (Applied to plots 35/36 & 47/48 in error.)

Residues of fumigants applied to Potatoes 1972-3rd treatment crops 1974.
(-), (f) None, 400lb (498kg) chloropicrin + 5lb (6kg) Aldicarb.

2nd and 3rd treatment Barley (Julia dressed ethinmol) sown:
337lb (418kg) compound fertiliser (15:15:15) C.D.

3rd treatment crop Hay 1/2 1973 in Barley
1.0 cut (126kg) N as Nitro-chalk 2.5, 0.6 cut (75kg) P₂O₅, 1.2 cut (151kg) K₂O as (0:14:28) in Spring. 0.6 cut (75kg) N, 0.4 cut (50kg) K₂O as (25:0:16) after 1st cut.

2nd and 3rd year cut Ley
1.2 cut (151kg) N, 0.9 cut (113kg) K₂O as (25:0:16) in three equal dressings.

Any dressing may be omitted or reduced in a wet season.

2nd and 3rd year clover

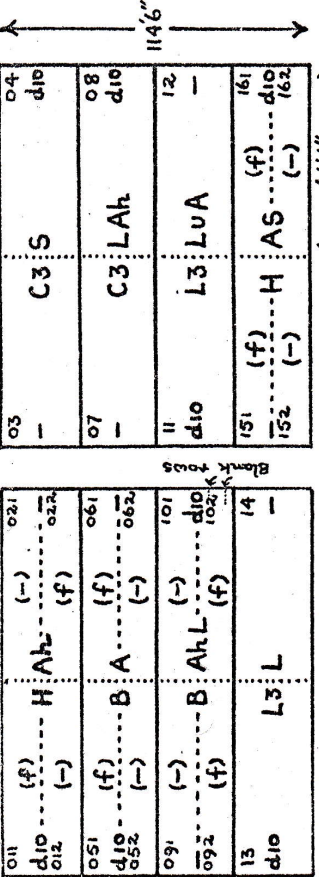
0.5 cut (63kg) N as Nitro-chalk 2.5, 1.5 (188kg) K₂O as muriate of potash, in Spring.

ALL CROPS :- FYM

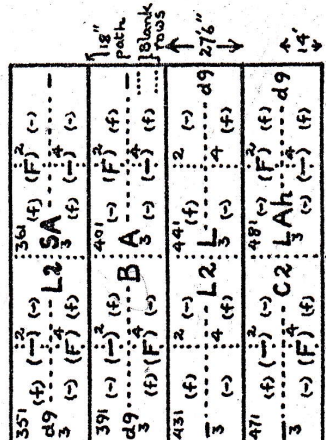
- , d Residual of none v. 15 tons (38 tonnes). FYM applied to Sugar beet 1962-67 (1st test crop).

ARABLE AND LEY ROTATION

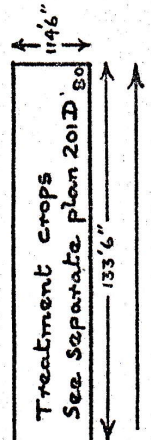
74/W/RN/3



Crop Potatoes
See separate plan 201B 32

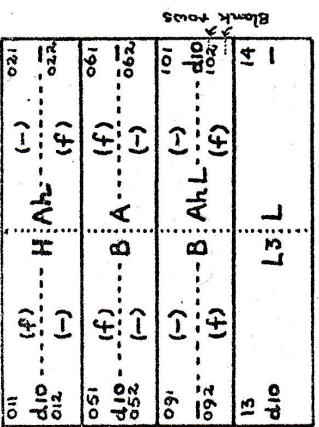


Crop W. Wheat
See separate plan 201C 64

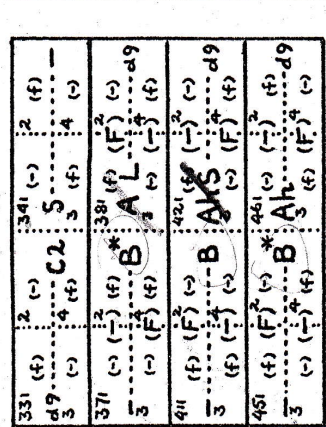


WOUBURN

74/W/RN/3



Block 2 1st Test
For plot treatments



Block 4 2nd Test
For plot treatments

