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RESEARCH

Collection of Plans for the Woburn Ley-arable Experiment

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WOBURN ARABLE AND LEY ROTATIONS

Treatment	Area (Acre)	Soil	Year	Notes
1. 1st Year	1.0	1	1957	
2. 2nd Year	1.0	1	1958	
3. 3rd Year	1.0	1	1959	
4. 4th Year	1.0	1	1960	
5. 5th Year	1.0	1	1961	
6. 6th Year	1.0	1	1962	
7. 7th Year	1.0	1	1963	
8. 8th Year	1.0	1	1964	
9. 9th Year	1.0	1	1965	
10. 10th Year	1.0	1	1966	
11. 11th Year	1.0	1	1967	
12. 12th Year	1.0	1	1968	
13. 13th Year	1.0	1	1969	
14. 14th Year	1.0	1	1970	
15. 15th Year	1.0	1	1971	
16. 16th Year	1.0	1	1972	
17. 17th Year	1.0	1	1973	
18. 18th Year	1.0	1	1974	
19. 19th Year	1.0	1	1975	
20. 20th Year	1.0	1	1976	
21. 21st Year	1.0	1	1977	
22. 22nd Year	1.0	1	1978	
23. 23rd Year	1.0	1	1979	

Woburn Ley-arable 1960

Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1960* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 4 - 4

WOBURN Available and Ley Rotations Code letter G STACKYARD FIELD 23rd year 1960

Ag 1
Lu 2
AH 3

TREATMENT SYMBOLS

Rotation

- A Potatoes, Rye, Carrots
- Ah Potatoes, Rye (Johnson) Hay (2 cuts)
- Lu Lucerne cut for hay for 3 years
- L Ley grazed for 3 years

Lu, A etc indicate last 2 rotations in order.
 AH followed by test crops Sugar beet, barley
 D during 15 ton/ha, DZ etc residual in 2nd etc crop
 N, K: 0.72 wt N, 0.9 wt K₂O in addition to basal

Block	TEST CROP	Sugar beat
1	AK/AH 3 DZ	16
3	AH/A 4 DZ	20
17	Lu/AH 3 DZ	24
21	AH/L 1	28
25	AH/Lu 2 DZ	32
29	Lu/L 1 DZ	36
33	Lu/Lu 3 Lu/Lu	40
37	Lu/Lu 3 Lu/AH D5	44
41	L3 Lu/A D5	48
45	H AH/AH D5	52
49	P A, Lu	56
53	P AH/AH D3	60
57	L1 L1 L1	64
61	Lu/Lu/Lu/Lu	68
65	L2 L1 L1 D4	72
69	Lu/Lu/Lu/A D4	76
73	R/A A	80
77	L2 Lu/AH	84

TEST CROP

Block	TEST CROP	Sugar Beet
1	D-K	14 D--
3	DN-AH	14 DNK
5	D-K	14 D--
7	DN-AH	14 DNK
9	D-K	14 D--
11	DN-AH	14 DNK
13	D-K	14 D--
15	DN-AH	14 DNK
17	D-K	14 D--
19	DN-AH	14 DNK
21	D-K	14 D--
23	DN-AH	14 DNK
25	D-K	14 D--
27	DN-AH	14 DNK
29	D-K	14 D--
31	DN-AH	14 DNK
33	D-K	14 D--
35	DN-AH	14 DNK
37	D-K	14 D--
39	DN-AH	14 DNK
41	D-K	14 D--
43	DN-AH	14 DNK
45	D-K	14 D--
47	DN-AH	14 DNK
49	D-K	14 D--
51	DN-AH	14 DNK
53	D-K	14 D--
55	DN-AH	14 DNK
57	D-K	14 D--
59	DN-AH	14 DNK
61	D-K	14 D--
63	DN-AH	14 DNK
65	D-K	14 D--
67	DN-AH	14 DNK
69	D-K	14 D--
71	DN-AH	14 DNK
73	D-K	14 D--
75	DN-AH	14 DNK
77	D-K	14 D--
79	DN-AH	14 DNK

2 Reps of A rotation 56x10' - 176'
 56x10' - 176'
 65'9" - 176'
 65'9" - 176'