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ROTHAMSTED
RESEARCH

Collection of Plans for the Woburn Ley-arable Experiment

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WOBURN ARABLE AND LEY ROTATIONS
STATIONARY FIELD EXPERIMENT
1957-79

Treatment	Area (ha)	Year	Notes
1. 100% Arable	1.0	1957-79	
2. 100% Ley	1.0	1957-79	
3. 100% Arable (1957-79)	1.0	1957-79	
4. 100% Ley (1957-79)	1.0	1957-79	
5. 100% Arable (1957-79)	1.0	1957-79	
6. 100% Ley (1957-79)	1.0	1957-79	
7. 100% Arable (1957-79)	1.0	1957-79	
8. 100% Ley (1957-79)	1.0	1957-79	
9. 100% Arable (1957-79)	1.0	1957-79	
10. 100% Ley (1957-79)	1.0	1957-79	
11. 100% Arable (1957-79)	1.0	1957-79	
12. 100% Ley (1957-79)	1.0	1957-79	
13. 100% Arable (1957-79)	1.0	1957-79	
14. 100% Ley (1957-79)	1.0	1957-79	
15. 100% Arable (1957-79)	1.0	1957-79	
16. 100% Ley (1957-79)	1.0	1957-79	
17. 100% Arable (1957-79)	1.0	1957-79	
18. 100% Ley (1957-79)	1.0	1957-79	
19. 100% Arable (1957-79)	1.0	1957-79	
20. 100% Ley (1957-79)	1.0	1957-79	
21. 100% Arable (1957-79)	1.0	1957-79	
22. 100% Ley (1957-79)	1.0	1957-79	
23. 100% Arable (1957-79)	1.0	1957-79	
24. 100% Ley (1957-79)	1.0	1957-79	
25. 100% Arable (1957-79)	1.0	1957-79	
26. 100% Ley (1957-79)	1.0	1957-79	
27. 100% Arable (1957-79)	1.0	1957-79	
28. 100% Ley (1957-79)	1.0	1957-79	
29. 100% Arable (1957-79)	1.0	1957-79	
30. 100% Ley (1957-79)	1.0	1957-79	
31. 100% Arable (1957-79)	1.0	1957-79	
32. 100% Ley (1957-79)	1.0	1957-79	
33. 100% Arable (1957-79)	1.0	1957-79	
34. 100% Ley (1957-79)	1.0	1957-79	
35. 100% Arable (1957-79)	1.0	1957-79	
36. 100% Ley (1957-79)	1.0	1957-79	
37. 100% Arable (1957-79)	1.0	1957-79	
38. 100% Ley (1957-79)	1.0	1957-79	
39. 100% Arable (1957-79)	1.0	1957-79	
40. 100% Ley (1957-79)	1.0	1957-79	
41. 100% Arable (1957-79)	1.0	1957-79	
42. 100% Ley (1957-79)	1.0	1957-79	
43. 100% Arable (1957-79)	1.0	1957-79	
44. 100% Ley (1957-79)	1.0	1957-79	
45. 100% Arable (1957-79)	1.0	1957-79	
46. 100% Ley (1957-79)	1.0	1957-79	
47. 100% Arable (1957-79)	1.0	1957-79	
48. 100% Ley (1957-79)	1.0	1957-79	
49. 100% Arable (1957-79)	1.0	1957-79	
50. 100% Ley (1957-79)	1.0	1957-79	
51. 100% Arable (1957-79)	1.0	1957-79	
52. 100% Ley (1957-79)	1.0	1957-79	
53. 100% Arable (1957-79)	1.0	1957-79	
54. 100% Ley (1957-79)	1.0	1957-79	
55. 100% Arable (1957-79)	1.0	1957-79	
56. 100% Ley (1957-79)	1.0	1957-79	
57. 100% Arable (1957-79)	1.0	1957-79	
58. 100% Ley (1957-79)	1.0	1957-79	
59. 100% Arable (1957-79)	1.0	1957-79	
60. 100% Ley (1957-79)	1.0	1957-79	
61. 100% Arable (1957-79)	1.0	1957-79	
62. 100% Ley (1957-79)	1.0	1957-79	
63. 100% Arable (1957-79)	1.0	1957-79	
64. 100% Ley (1957-79)	1.0	1957-79	
65. 100% Arable (1957-79)	1.0	1957-79	
66. 100% Ley (1957-79)	1.0	1957-79	
67. 100% Arable (1957-79)	1.0	1957-79	
68. 100% Ley (1957-79)	1.0	1957-79	
69. 100% Arable (1957-79)	1.0	1957-79	
70. 100% Ley (1957-79)	1.0	1957-79	
71. 100% Arable (1957-79)	1.0	1957-79	
72. 100% Ley (1957-79)	1.0	1957-79	
73. 100% Arable (1957-79)	1.0	1957-79	
74. 100% Ley (1957-79)	1.0	1957-79	
75. 100% Arable (1957-79)	1.0	1957-79	
76. 100% Ley (1957-79)	1.0	1957-79	
77. 100% Arable (1957-79)	1.0	1957-79	
78. 100% Ley (1957-79)	1.0	1957-79	
79. 100% Arable (1957-79)	1.0	1957-79	
80. 100% Ley (1957-79)	1.0	1957-79	
81. 100% Arable (1957-79)	1.0	1957-79	
82. 100% Ley (1957-79)	1.0	1957-79	
83. 100% Arable (1957-79)	1.0	1957-79	
84. 100% Ley (1957-79)	1.0	1957-79	
85. 100% Arable (1957-79)	1.0	1957-79	
86. 100% Ley (1957-79)	1.0	1957-79	
87. 100% Arable (1957-79)	1.0	1957-79	
88. 100% Ley (1957-79)	1.0	1957-79	
89. 100% Arable (1957-79)	1.0	1957-79	
90. 100% Ley (1957-79)	1.0	1957-79	
91. 100% Arable (1957-79)	1.0	1957-79	
92. 100% Ley (1957-79)	1.0	1957-79	
93. 100% Arable (1957-79)	1.0	1957-79	
94. 100% Ley (1957-79)	1.0	1957-79	
95. 100% Arable (1957-79)	1.0	1957-79	
96. 100% Ley (1957-79)	1.0	1957-79	
97. 100% Arable (1957-79)	1.0	1957-79	
98. 100% Ley (1957-79)	1.0	1957-79	
99. 100% Arable (1957-79)	1.0	1957-79	
100. 100% Ley (1957-79)	1.0	1957-79	

Woburn Ley-arable 1963

Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1963* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 7 - 7

45

WOBURN Arable and Ley Rotations

STACKYARD 26th year 1963

WLA/

TREATMENT CROPS

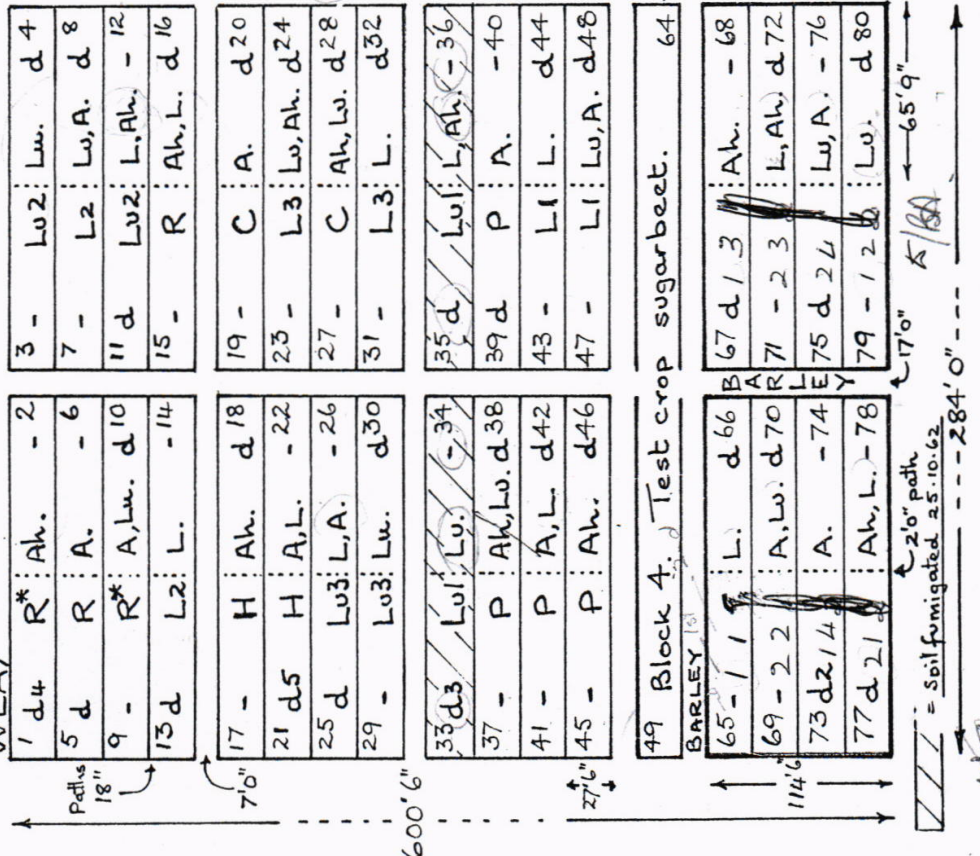
- A Potatoes (P)
- Ah Potatoes (P)
- Lu Lucerne cut for hay
- L Ley grazed.

- 3 years Arable
- 3 years Ley

Test Crops: SUGAR BEET, BARLEY. (In 4th and 5th year)

- TREATMENTS TO SUGAR BEET
 - D FYM at 15 tons per acre [d = FYM residuals]
 - N 0.72 cut N per acre as 'Nitro-Chalk 21
 - K 0.9 cut K₂ per acre as muriate of potash.
- Mg 500lb Magnesium sulphate per acre.

BLOCK 4 TEST CROP SUGAR BEET.



BLOCK 4 TEST CROP SUGAR BEET.		BLOCK 4 TEST CROP SUGAR BEET.		BLOCK 4 TEST CROP SUGAR BEET.		BLOCK 4 TEST CROP SUGAR BEET.		BLOCK 4 TEST CROP SUGAR BEET.		BLOCK 4 TEST CROP SUGAR BEET.	
a	b	a	b	a	b	a	b	a	b	a	b
49 Mg	DNK	50 Mg	-N-	51 Mg	-N-	52 Mg	DNK	53 Mg	Mg	54 Mg	Mg
53 Mg	D-0	54 Mg	D--	55 Mg	--	56 Mg	D-K	57 Mg	D-K	58 Mg	Mg
59 Mg	DNK	60 Mg	-N-	61 Mg	-N-	62 Mg	DNK	63 Mg	DNK	64 Mg	Mg
65 Mg	DNK	66 Mg	-N-	67 Mg	-N-	68 Mg	DNK	69 Mg	DNK	70 Mg	Mg
71 Mg	-K-	72 Mg	D--	73 Mg	D--	74 Mg	DNK	75 Mg	DNK	76 Mg	Mg
77 Mg	-N-	78 Mg	Mg	79 Mg	Mg	80 Mg	Mg	81 Mg	Mg	82 Mg	Mg
83 Mg	-N-	84 Mg	-N-	85 Mg	-N-	86 Mg	DNK	87 Mg	DNK	88 Mg	Mg
89 Mg	-N-	90 Mg	-N-	91 Mg	-N-	92 Mg	DNK	93 Mg	DNK	94 Mg	Mg
95 Mg	-N-	96 Mg	-N-	97 Mg	-N-	98 Mg	DNK	99 Mg	DNK	100 Mg	Mg