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ROTHAMSTED
RESEARCH

Collection of Plans for the Woburn Ley-arable Experiment

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The thumbnail image shows a table titled "WOBURN ARABLE AND LEY ROTATIONS" with columns for "STOCKING FIELD IN 1971" and "ARABLE FIELD IN 1971". The table contains several rows of data, including crop names like "Wheat", "Barley", "Lentils", and "Clover", and various experimental treatments. The table is oriented vertically in the thumbnail.

Woburn Ley-arable 1971a

Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1971a* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 16 - 16

STACKYARD "D" 34th year 1971 201A

ARABLE AND LEY ROTATIONS

WOBURN

→ N

TI/W/RN/S	01 d7	02 A	03 S	04 d7
	05 d7	06 A	07 LAh	08 d7
	09 d7	10 AHL	11 LuA	12 d7
	13 d7	14 L	15 AS	16 d7

	17 d8	18 d8	19 d8
	20 d8	21 d8	22 d8
	23 d8	24 d8	25 d8
	26 d8	27 d8	28 d8
	29 d8	30 d8	31 d8

53	Block 3 1st Test	Crop Potatoes	48
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For plot treatments

48	(F) R	51	(F) R
49	(F) R	52	(F) R
50	(F) R	53	(F) R
51	(F) R	54	(F) R
52	(F) R	55	(F) R
53	(F) R	56	(F) R
54	(F) R	57	(F) R
55	(F) R	58	(F) R
56	(F) R	59	(F) R
57	(F) R	60	(F) R
58	(F) R	61	(F) R
59	(F) R	62	(F) R
60	(F) R	63	(F) R
61	(F) R	64	(F) R
62	(F) R	65	(F) R
63	(F) R	66	(F) R
64	(F) R	67	(F) R
65	(F) R	68	(F) R

65	L3 L	66	H:Ah
67	L3 LuAh	68	C-AhS (C)
69	L3 LuAh	69	C-AhS (F)
70	L3 LuAh	70	H:AL
71	L3 LuAh	71	S3S
72	L3 LuAh	72	S3S
73	L3 LuAh	73	S3S
74	L3 LuAh	74	S3S
75	L3 LuAh	75	S3S
76	L3 LuAh	76	S3S
77	L3 LuAh	77	S3S
78	L3 LuAh	78	S3S

SYMBOLS

Rotations

3 years ARABLE A = Potatoes P, Rye R, Carrots C.

Ah = Potatoes P, Rye 1/2*, Hay H.

S = Sainfoin cut for hay (Lu: Lucerne).

L = Ley cut (No more grazing)

TEST CROPS In 4th and 5th years

1st Test Crop

Barley

Potatoes

Barley @ 150lb (168kg)

TREATMENTS: Planted: 30 Mar. Sown: 10 Mar.

Residues of Fumigant applied to potatoes 1969 now carrots

(-), (C) None, Chloropicrin in autumn 1968

Residues of Fumigant applied to potatoes 1970 now rye

(-), (F) None, Chloropicrin in autumn 1969

BASAL MANURING per acre (hectare) for 2nd test crop & treatment

2nd test crop Barley - Julia.

0.5 cut (45kg) N, 0.5 cut (53kg) P₂O₅, 0.5 cut (53kg) K₂O as (15:15:15)

1st treatment crop potatoes - Maris Piper

2.0 cut (252kg) N, 2.0 cut (252kg) P₂O₅, 3.0 cut (376kg) K₂O as (15:15:20)

2nd treatment crop rye - King II

0.5 cut (38kg) N as Nitro-chalk 2:1, 0.3 cut (38kg) P₂O₅, 0.6 cut (76kg) K₂O as (0:14:28).

3rd treatment crop carrots - Autumn King

0.6 cut (76kg) N as Nitro-chalk 2:1, 0.6 cut (76kg) P₂O₅ as superphosphate

1.8 cut (226kg) K₂O as muriate of potash

All crops :-

FYM -, d. Residues of none v 15 tons FYM applied

to sugar beet 1962-67

