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Yields of the Field Experiments 1967

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67/S/SAX/RCL/1/C/45 Phosphate and Potash - Red Clover

Rothamsted Research

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67/C/45.1

RED CLOVER

(Sax/RCl/1)

Phosphate and potash, Saxmundham, Victor's Plot 1967, the first year.

Design: 4 randomised blocks of 4 plots.

Area of each plot: 0.0018. Area harvested: 1st cut - 0.0014,
2nd cut - 0.0012.

Treatments: All combinations of:-

1. Phosphate: 0.5 cwt (P1), 2.0 cwt (P4) P₂O₅ as triple superphosphate.
2. Potash: None (K0), 2.0 cwt (K1) K₂O as muriate of potash.

Basal applications: None.

Cultivations, etc.: - Ploughed: Sept 22, 1966. Fertilisers applied:
Mar 8, 1967. Seed sown at 26 lb: Mar 22. Cut twice: July 13
and Sept 7. Variety: Dorset Marl Red Clover. Previous crops:
Barley 1965, winter wheat 1966.

Standard errors per plot. Dry matter:

1st cut:	1.88	or	7.8%	(9 d.f.)
2nd cut:	2.54	or	9.4%	(9 d.f.)
Total of 2 cuts:	2.71	or	5.3%	(9 d.f.)

67/C/45.2

SUMMARY OF RESULTS

	KO	KI	Mean
1ST CUT			
(±0.94)			
P1	21.5	24.0	22.7
P4	24.4	26.6	25.5
Mean (±0.67)	22.9	25.3	24.1
2ND CUT			
(±1.27)			
P1	24.1	26.8	25.5
P4	26.5	30.2	28.4
Mean (±0.90)	25.3	28.5	26.9
TOTAL OF 2 CUTS			
(±1.36)			
P1	45.6	50.8	48.2
P4	50.9	56.8	53.8
Mean (±0.96)	48.2	53.8	51.0

Mean D.M. %: 1st cut: 26.5
 2nd cut: 22.7
 Total of 2 cuts: 24.6