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Numerical Results of the Field Experiments 1968

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68/C/42 Saxmundham Phosphate and Potash - Lucerne

Rothamsted Research

Rothamsted Research (1970) *68/C/42 Saxmundham Phosphate and Potash - Lucerne* ; Numerical Results Of The Field Experiments 1968, pp 285 - 288 - DOI:

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68/C/42.1

LUCERNE

(SAX/LU/1)

Phosphate and potash, Saxmundham, Victor's Plot, 1968, the second year. For treatments etc. and for the previous year's results see 'Results' 67/C/46.

Area of each plot: 0.0018. Area harvested: 0.0012.

Cultivations etc.: Fertilisers applied: 29 Feb, 1968.

Cut 3 times: 28 May, 25 July, 10 Sept.

Standard errors per plot. Dry matter:

1st cut: 2.06 or 4.4% (9 d.f.)

2nd cut: 1.37 or 3.9% (9 d.f.)

3rd cut: 1.12 or 4.8% (9 d.f.)

Total of 3 cuts: 3.01 or 2.8% (9 d.f.)

68/C/42.2

SUMMARY OF RESULTS

DRY MATTER

	KO	KI	Mean
1ST CUT			
(±1.03)			(±0.73)
P1	43.2	48.0	45.6
P4	46.5	49.3	47.9
Mean (±0.73)	44.8	48.6	46.7
2ND CUT			
(±0.69)			(±0.49)
P1	32.7	36.7	34.7
P4	34.5	37.8	36.1
Mean (±0.49)	33.6	37.2	35.4

Mean D.M. %: 1st cut: 21.1
 2nd cut: 22.5

68/C/42.3

DRY MATTER			
	KO	K1	Mean
	3RD CUT		
	(±0.56)		(±0.40)
P1	20.7	24.3	22.5
P4	22.4	26.3	24.4
Mean (±0.40)	21.6	25.3	23.4
	TOTAL OF 3 CUTS		
	(±1.51)		(±1.07)
P1	96.6	108.9	102.8
P4	103.4	113.4	108.4
Mean (±1.07)	100.0	111.2	105.6

Mean D.M. %: 3rd cut: 21.2
 Total of 3 cuts: 21.6

TABLE 1			
SUMMARY OF COSTS			
ITEM	ESTIMATED COSTS		TOTAL COST
	2010	2011	
Personnel	100,000	120,000	220,000
Travel	50,000	60,000	110,000
Supplies	20,000	25,000	45,000
Equipment	150,000	180,000	330,000
Other	30,000	35,000	65,000
Total	300,000	360,000	660,000

Notes: D.M. is the Director of the Bureau of Land Management. Total of 2 units of B.L.M.