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ROTHAMSTED  
RESEARCH

## 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:

<https://doi.org/10.23637/ERADOC-1-58>

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

S. 2000		S. 2001		
Area	2000	2001	2002	Area
Area 1	100.00	100.00	100.00	Area 1
Area 2	200.00	200.00	200.00	Area 2
Area 3	300.00	300.00	300.00	Area 3
Area 4	400.00	400.00	400.00	Area 4
Area 5	500.00	500.00	500.00	Area 5
Area 6	600.00	600.00	600.00	Area 6
Area 7	700.00	700.00	700.00	Area 7
Area 8	800.00	800.00	800.00	Area 8
Area 9	900.00	900.00	900.00	Area 9
Area 10	1000.00	1000.00	1000.00	Area 10
Area 11	1100.00	1100.00	1100.00	Area 11
Area 12	1200.00	1200.00	1200.00	Area 12
Area 13	1300.00	1300.00	1300.00	Area 13
Area 14	1400.00	1400.00	1400.00	Area 14
Area 15	1500.00	1500.00	1500.00	Area 15
Area 16	1600.00	1600.00	1600.00	Area 16
Area 17	1700.00	1700.00	1700.00	Area 17
Area 18	1800.00	1800.00	1800.00	Area 18
Area 19	1900.00	1900.00	1900.00	Area 19
Area 20	2000.00	2000.00	2000.00	Area 20
Area 21	2100.00	2100.00	2100.00	Area 21
Area 22	2200.00	2200.00	2200.00	Area 22
Area 23	2300.00	2300.00	2300.00	Area 23
Area 24	2400.00	2400.00	2400.00	Area 24
Area 25	2500.00	2500.00	2500.00	Area 25
Area 26	2600.00	2600.00	2600.00	Area 26
Area 27	2700.00	2700.00	2700.00	Area 27
Area 28	2800.00	2800.00	2800.00	Area 28
Area 29	2900.00	2900.00	2900.00	Area 29
Area 30	3000.00	3000.00	3000.00	Area 30
Area 31	3100.00	3100.00	3100.00	Area 31
Area 32	3200.00	3200.00	3200.00	Area 32
Area 33	3300.00	3300.00	3300.00	Area 33
Area 34	3400.00	3400.00	3400.00	Area 34
Area 35	3500.00	3500.00	3500.00	Area 35
Area 36	3600.00	3600.00	3600.00	Area 36
Area 37	3700.00	3700.00	3700.00	Area 37
Area 38	3800.00	3800.00	3800.00	Area 38
Area 39	3900.00	3900.00	3900.00	Area 39
Area 40	4000.00	4000.00	4000.00	Area 40
Area 41	4100.00	4100.00	4100.00	Area 41
Area 42	4200.00	4200.00	4200.00	Area 42
Area 43	4300.00	4300.00	4300.00	Area 43
Area 44	4400.00	4400.00	4400.00	Area 44
Area 45	4500.00	4500.00	4500.00	Area 45
Area 46	4600.00	4600.00	4600.00	Area 46
Area 47	4700.00	4700.00	4700.00	Area 47
Area 48	4800.00	4800.00	4800.00	Area 48
Area 49	4900.00	4900.00	4900.00	Area 49
Area 50	5000.00	5000.00	5000.00	Area 50

Total of 2 areas: 50.00  
 Total of 2 areas: 50.00